



Varros

Into new light

Re-imagine lighting solutions

Constantly in passionate pursuit for the spark that inspires new light, the tenacious spark that drives us towards re-imagining lighting solutions for you. We have been championing meaningful illumination by delivering impactful lighting solutions. A feat made possible with exceptional passion and operational excellence. With the unwavering commitment to keeping both our customers and the environment closely at heart, we work earnestly towards generating purposeful light. In short, we are future-ready.



DAVISDESIGN

DavisDesign offers a highly efficient and exquisite range of architectural lighting for unique and innovative lighting solution. We deliver competent, forward-thinking lighting solutions to illuminate a space or projects. Talk to us and let us help you

harmonize your requirements with bespoke lighting solution for a great fit to your business and projects.

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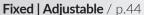


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DavisDesign downlight systems and ceiling lighting products incorporate a wide range of easy to install system in both fixed and adjustable designs. These luminaires provide a soft, tender light and their simple and elegant appearance will blend seamlessly with any interior décor.



TRIM ROUND



VR2

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer



TRIAC Controlled Class III



Aluminium + PC Black / White

17° / 24° / 38° / 60°

Fixed

Fixed

20 / 44







COB LED



Ø55mm //////# × (//////



Cut-out Size Size

Dia 55mm

Dia 65mm x 75mm

Luminaire Data

Luminous Flux 326lm Connected Load 5W Luminaire Efficacy 65m/W

CCT 2700K / 3000K / 4000K

Colour Deviation <3 SDCM Colour Rendition Index ≥ 90

LED Lumen Maintenance L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI)

Dimming Method **PWM**

Luminaire Information

Optional Reflector Colours

Accessories















White



Woven glass





Wide-angle Film









Photometrics

5W

ΙP

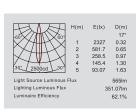
Material

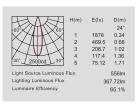
Tilt Angle

Beam Angle

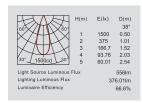
Luminaire Finish

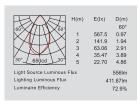
Rotation Angle





Black / White / Pearl Black / Chrome / Gold







VRG2

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer











Adjustable



Ø55mm //////# +[//////



Cut-out Size Dia 55mm

Size Dia 65mm x 75mm

Luminaire Data

Dimmer Control Control

Luminous Flux 326lm Connected Load 5W Luminaire Efficacy 65lm/W

CCT 2700K / 3000K / 4000K

Colour Deviation <3 SDCM Colour Rendition Index ≥ 90

LED Lumen Maintenance L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI)

Dimming Method **PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

355° Rotation Angle Tilt Angle 28°

17° / 24° / 38° / 60° Beam Angle

ΙP 20 / 44

Accessories















Narrow-angle Film



Wide-angle Film

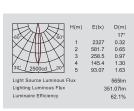


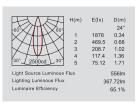


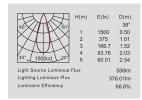




Photometrics











VR3

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step















Ø75mm //////# × (//////



Cut-out SizeDia 75mm Size Dia 85mm x 93mm

Dimmer Control Control

Luminaire Data

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Dimming Method

359lm 5W 72lm/W <3 SDCM ≥ 90

L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

573lm 8W 72m/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

722lm 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 60° * Beam Angle

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Accessories







Striped glass Stretch Film







Narrow-angle Film





D(m) 60° 1.15 2.31 3.46 4.62 5.77

850lm 445.8lm 52.44%



Wide-angle Film

Pearl Black



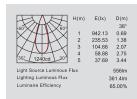


Photometrics

5W

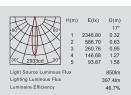


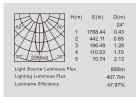






Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency



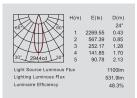








HA A	H(m)	E(Ix)	D(m)
603			17°
XXIIIXX	1	3064.39	0.30
	2	766.10	0.60
KMX	3	340.49	0.90
VYYY	4	191.52	1.20
30° 3831cd 30°	5	122.58	1.49
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		5	524.4lm
Luminaire Efficiency			47.67%





^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRG3

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers

















1-10V Step Dimmer Control Control

DALI Dimmer

TRIAC Controlled Class III

Adjustable

Luminaire Data

Luminous Flux	359lm	573lm	722lm
Connected Load	5W	8W	13W
Luminaire Efficacy	72lm/W	72lm/W	56lm/W
Colour Deviation	<3 SDCM	<3 SDCM	<3 SDCM
Colour Rendition Index	≥ 90	≥ 90	≥ 90
LED Lumen Maintenance	L90 ≤ 50,000h	L/90 ≤ 50,000h	L90 ≤ 50,000h
Dimming Range	0.1% - 100% (DALI)	0.1% - 100% (DALI)	0.1% - 100% (DALI)
Dimming Method	PWM	PWM	PWM

Luminaire Information

Material Aluminium + PC Black / White Luminaire Finish

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 28°

17° / 24° / 38° / 60° * Beam Angle

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Cut-out Size Dia 75mm Dia 85mm x 93mm Size

Accessories













Woven glass







Wide-angle Film





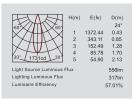


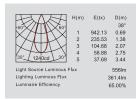


Photometrics

5W







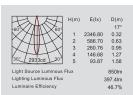
HAM	H(m)	E(Ix)	D(m)
			60°
No Attition	- 1	327.88	1.15
	2	81.97	2.31
K KT X	3	36.43	3.46
VYYY	4	20.49	4.62
30° 514cd 30°	5	13.12	5.77
Light Source Luminous I	lux		556lm
Lighting Luminous Flux			349lm
Luminaire Efficiency		6	2.76%

413.48 103.37 45.94 25.84 16.54 3.46 4.62 5.77

850lm

52 44%

8W



	H(m)	E(Ix)	D(m)
30° 2260cd 30°	1 2 3 4 5	1768.44 442.11 196.49 110.53 70.74	0.43 0.85 1.28 1.70 2.13
Light Source Luminous F Lighting Luminous Flux Luminaire Efficiency	Flux		850lm 107.7lm 47.97%

FE ALE	H(m)	E(Ix)	D(m)
60° 60° 60° 30° 1610cd 30°	1 2 3 4 5	1225.26 306.32 136.14 76.58 49.01	0.69 1.38 2.07 2.75 3.44
Light Source Luminous F Lighting Luminous Flux Luminaire Efficiency	·lux		850lm I58.4lm 53.93%

7cd 30°	H(m) 1 2 3 4 5	E(Ix) 1553.42 388.36 172.60 97.09 62.14	D(m) 38° 0.69 1.38 2.07 2.75 3.44	30	8870	60°	H(m) 1 2 3 4 5	E(Ix) 539.48 134.87 59.94 33.72 21.58	D(m) 60° 1.15 2.31 3.46 4.62 5.77
e Luminous I minous Flux Efficiency	Flux	6	1100lm 605.8lm 55.07%	Ligh		Luminous nous Flux iciency	Flux		1100lm 594.1lm 54%

Lighting Luminous Flux Luminaire Efficiency

L3W	60	H(m)	E(lx)	С
		1	3064.39	C
		2	766.10	C
	\times \wedge \wedge	3	340.49	0
	VYYY	4	191.52	- 1
	30° 3831cd 30°	5	122 58	

Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency





^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VR4

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step















Ø100mm //////* + [//////



Cut-out Size Dia 100mm

Dia 110mm x 113mm Size

Luminaire Data

Dimmer Control Control

Luminous Flux 769lm 1422lm 1385lm 13W 18W 23W Connected Load Luminaire Efficacy 59lm/W 79lm/W 60tlm/W Colour Deviation <3 SDCM <3 SDCM <3 SDCM Colour Rendition Index ≥ 90 ≥ 90 ≥ 90 LED Lumen Maintenance L90 ≤ 50,000h L90 ≤ 50,000h L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method **PWM** PWM **PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 50° Beam Angle

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Accessories









Woven glass





















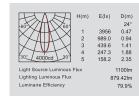


 * Note : CCT 2700K / 3000K / 4000K for all Wattage

Photometrics



60	H(m)	E(Ix)	D(m)
60"	1	5606	0.34
	2	1401	0.69
N MM M	3	622.9	1.04
VYYY	4	350.4	1.39
30° 6000cd 30°	5	224.2	1.74
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		76	9.47lm
Luminaire Efficiency			70%







E(lx)

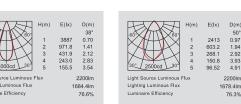
18W

23W

	H(m)	E(lx)	D(m)
600	1	9049	0.34
	2	2262	0.69
K M M M	3	1005	1.04
VYYV	4	565.5	1.39
30° 9500cd 30°	5	361.9	1.74
Light Source Luminous	Flux		1700lm
Lighting Luminous Flux		14	22.4lm
Luminaire Efficiency			83.7%

$H_{\Delta} \Lambda \& H$	H(m)	E(Ix)	D(m)
60 7 7 7 60			24°
N XHHX XI	1	6430	0.46
	2	1607	0.93
\times \wedge \wedge \wedge	3	714.4	1.41
VYYY	4	401.8	1.86
30° 6500cd 30°	5	257.2	2.33
Light Source Luminous	Flux		1700lm
Lighting Luminous Flux		14	14.6lm
Luminaire Efficiency			83.2%

600	H(m)	E(Ix)	D(m)
	1	3509	0.70
\sim	2	877.2	1.41
K MM XI	3	389.9	2.12
V THE	4	219.3	2.83
30° 4000cd 30°	5	140.4	3.51
Light Source Luminous	Flux		1700lm
Lighting Luminous Flux		14	78.7lm
Luminaire Efficiency			87%



Lighting Luminous Flux Luminaire Efficiency

60 60°	H(m) 1 2 3 4 5	E(lx) 10147 2537 1127 634.2 405.9	D(m) 17° 0.34 0.69 1.04 1.39 1.74	60° 7500c
Light Source Luminous F	lux		2200lm	Light Source I
Lighting Luminous Flux		13	84.7lm	Lighting Lumin
Luminaire Efficiency			69.2%	Luminaire Effi





VRG4

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step











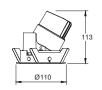




Adjustable



Ø100mm //////* + [//////



Cut-out Size Dia 100mm

Dia 110mm x 113mm Size

Luminaire Data

Dimmer Control Control

Luminous Flux 769lm 1422lm 1385lm Connected Load 13W 18W 23W Luminaire Efficacy 59lm/W 79lm/W 60lm/W <3 SDCM <3 SDCM <3 SDCM Colour Deviation Colour Rendition Index ≥ 90 ≥ 90 ≥ 90 LED Lumen Maintenance L90 ≤ 50,000h L90 ≤ 50,000h L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method PWM **PWM** PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 28°

17° / 24° / 38° / 50° Beam Angle

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* Note : CCT 2700K / 3000K / 4000K for all Wattage

Accessories











Narrow-angle Film





Wide-angle





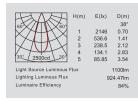


Photometrics









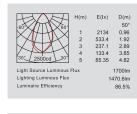


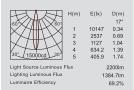
18W

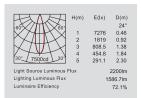
60	H(m)	E(lx)	D(m)
	1	9049	0.34
	2	2262	0.69
$\times M M$	3	1005	1.04
VYYV	4	565.5	1.39
30° 9500cd 30°	5	361.9	1.74
Light Source Luminous	Flux	1	1700lm
Lighting Luminous Flux		14	22.4lm
Luminaire Efficiency			83.7%

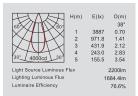
60	H(m)	E(Ix)	D(m) 24° 0.46
30° 6500cd 30°	1 2 3 4 5	1607 714.4 401.8 257.2	0.46 0.93 1.41 1.86 2.33
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency			1700lm 14.6lm 83.2%

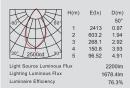
FRACE	H(m)	E(Ix)	D(m)
60	1	3509	0.70
	2	877.2	1.41
K MM XI	3	389.9	2.12
30° 4000cd 30°	4	219.3	2.83
30° 4000cd 30°	5	140.4	3.51
Light Source Luminous F	lux		1700lm
Lighting Luminous Flux		14	78.7lm
Luminaire Efficiency			87%













VR5

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers

















Ø125mm //////# +[//////



Cut-out Size Dia 125mm

Dia 140mm x 135mm Size

Luminaire Data

Dimmer Control Control

Luminous Flux 1552lm 2067lm Connected Load 30W 40W Luminaire Efficacy 52lm/W 52lm/W Colour Deviation <3 SDCM <3 SDCM Colour Rendition Index ≥ 90 ≥ 90

LED Lumen Maintenance L90 ≤ 50,000h L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI)

Dimming Method PWM **PWM**

Luminaire Information

Aluminium + PC Material Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° Beam Angle

Accessories







Striped glass









Honeycomb





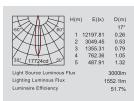
Wide-angle Pearl Black

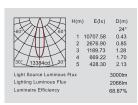


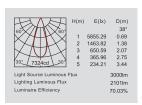


Photometrics









40W

603	H(m) E(lx)	D(m) 17°
	1	13728.22	0.32
	2	3432.05	0.63
$\times M \times M$	3	1525.36	0.95
VYYY	4	858.01	1.27
30° 17160cd 30°	5	549.13	1.58
Light Source Luminous F	lux		3600lm
Lighting Luminous Flux		2	067.2lm
Luminaire Efficiency			57.42%

60 60 30 14759cd 30	H(m 1 2 3 4 5	11745.59 2936.40 1305.07 734.10 469.82	D(m) 24° 0.43 0.85 1.28 1.70 2.13	
Light Source Luminous F	lux		3600lm	
Lighting Luminous Flux		22	282.8lm	
Luminaire Efficiency			63.41%	

	H(m)	E(Ix)	D(m)
30° 8857cd 30°	1 2 3 4 5	7035.04 1758.76 781.67 439.69 281.40	0.65 1.30 1.95 2.60 3.25
Light Source Luminous F Lighting Luminous Flux Luminaire Efficiency	Flux	_	3600lm 254.6lm 62.63%

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^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRG5

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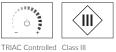
Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step













Adjustable



Dimmer Control Control

Luminous Flux 1552lm 2067lm Connected Load 30W 40W Luminaire Efficacy 52lm/W 52lm/W Colour Deviation <3 SDCM <3 SDCM Colour Rendition Index ≥ 90 ≥ 90

LED Lumen Maintenance L90 ≤ 50,000h L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI)

Dimming Method PWM **PWM**

Luminaire Information

Aluminium + PC Material Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 25°

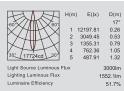
17° / 24° / 38° Beam Angle

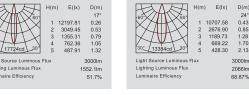
IΡ 20 / 44

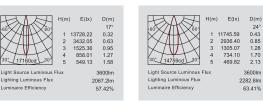
Photometrics



40W







60 60	H(m) 1 2 3 4	E(Ix) 5855.29 1463.82 650.59 365.96	D(m) 38° 0.69 1.38 2.07 2.75
[30° 7324cd 30°] Light Source Luminous F Lighting Luminous Flux Luminaire Efficiency	5 Iux	234.21	3.44 3000lm 2101lm 70.03%









Cut-out Size Dia 125mm

Dia 140mm x 135mm Size

Accessories

























^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRP3

Varros Pinhole luminaires provides excellent glare control and maximum visual comfort for a wide variety of applications while maintaining the proper atmosphere. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers















Ø75mm //////# × (//////

Ø85

Dia 75mm Cut-out Size Dia 85mm x 93mm Size



DALI Dimmer

TRIAC Controlled Class III

Indoor Use

COB LED

Luminaire Data

Luminous Flux	309lm	414lm	570lm
Connected Load	5W	8W	13W
Luminaire Efficacy	62lm/W	52lm/W	44lm/W
Colour Deviation	<3 SDCM	<3 SDCM	<3 SDCM
Colour Rendition Index	≥ 90	≥ 90	≥ 90
LED Lumen Maintenance	L90 ≤ 50,000h	L90 ≤ 50,000h	L90 ≤ 50,000h
Dimming Range	0.1% - 100% (DALI)	0.1% - 100% (DALI)	0.1% - 100% (DALI)
Dimming Method	PWM	PWM	PWM

Luminaire Information

Material Aluminium + PC Black / White Luminaire Finish

Rotation Angle Fixed Tilt Angle Fixed

Beam Angle 17° / 24° / 38° / 60° *

IΡ 20 / 44

Accessories



Striped glass



Woven glass

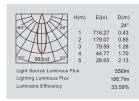


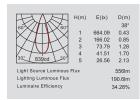
Honeycomb cover

Photometrics

5W

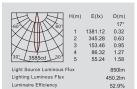
MA	H(m)	E(Ix)	D(m)
60 \$ \$			17°
N XHIIX XI	1	1466.89	0.26
	2	366.72	0.53
$\times / \mathbb{T} \setminus X$	3	162.99	0.79
30° / 1833cd 30°	4	91.68	1.05
30° 1833cd 30°	5	58.68	1.32
Light Source Luminous	Flux		556lm
Lighting Luminous Flux		2	45.5lm
Luminaire Efficiency		4	14.15%





80° 487cd 30°	H(m) 1 2 3 4 5	E(Ix) 388.95 97.24 43.22 24.31 15.56	D(m) 60° 1.15 2.31 3.46 4.62 5.77
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		556lm 49.9lm 26.96%

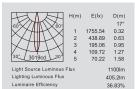
8W



80° 80° 80° 80° 80° 80° 80° 80° 80° 80°	H(m) 1 2 3 4 5	E(Ix) 1861.72 465.43 206.86 116.36 74.47	D(m) 24° 0.43 0.85 1.28 1.70 2.13
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux	2	850lm 26.4lm 50.1%

60	H(m)	E(Ix) 623.89 155.97	D(m) 38° 1.15 2.31
30° 1699cd 30°	3 4 5	69.32 38.99 24.96	3.46 4.62 5.77
Light Source Luminous I Lighting Luminous Flux Luminaire Efficiency	Flux	3	850lm 81.1lm 44.8%

H(m)	E(lx)	D(m)
		60°
1	559.64	1.15
2	139.91	2.31
3	62.18	3.46
4	34.98	4.62
5	22.39	5.77
Flux		850lm
Lighting Luminous Flux		
	2	1.00%
	1 2 3 4	1 559.64 2 139.91 3 62.18 4 34.98 5 22.39



60	H(m)	E(lx)	D(m) 24°
N XHIX M	1	2373.42	0.43
	2	593.35	0.85
\times / \mathbb{M} / \times	3	263.71	1.28
30° 2100 ml 30°	4	148.34	1.70
30° 2166cd 30°	5	94.94	2.13
Light Source Luminous Flux			1100lm
Lighting Luminous Flux	Lighting Luminous Flux		104.8lm
Luminaire Efficiency			36.8%
Lammano Emolency			30.0%

60	H(m)	E(lx)	D(m) 38°
	1	845.87	1.15
	2	211.47	2.31
\vee \vee	3	93.99	3.46
VYYV	4	52.87	4.62
30° 1385cd 30°	5	33.83	5.77
Light Source Luminous Flux			1100lm
Lighting Luminous Flux		3	15.4lm
Luminaire Efficiency		2	8.67%

60 60	H(m)	E(lx) 764.21 191.05	D(m) 60° 1.15 2.31
30° 538cd 30°	3 4 5	84.91 47.76 30.57	3.46 4.62 5.77
Light Source Luminous F Lighting Luminous Flux Luminaire Efficiency	1	1100lm 62.1lm 4.73%	

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRP4

Varros Pinhole luminaires provides excellent glare control and maximum visual comfort for a wide variety of applications while maintaining the proper atmosphere. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers















COBLED



Ø100mm /////# ×(////// Ø110

Cut-out Size Dia 100mm Dia 110mm x 113mm Size

Luminaire Data

Luminous Flux 586lm 905lm 998lm 18W 13W Connected Load 23W Luminaire Efficacy 45lm/W 50lm/W 43lm/W Colour Deviation <3 SDCM <3 SDCM <3 SDCM Colour Rendition Index ≥ 90 ≥ 90 ≥ 90 LED Lumen Maintenance L90 ≤ 50,000h L90 ≤ 50,000h L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method PWM **PWM PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Rotation Angle Fixed Tilt Angle Fixed

Beam Angle 17° / 24° / 38° / 50°

IΡ 20 / 44

Accessories



Striped glass



Woven glass

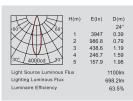


Honeycomb

Photometrics



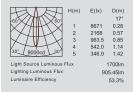
	H(m)	E(lx)	D(m)
660	1	5663	17° 0.29
KA KA	3	1416 629.2	0.58
30° 6000cd 30°	4 5	353.9 226.5	1.17 1.46
Light Source Luminous Flux			1100lm
Lighting Luminous Flux		58	5.90lm
Luminaire Efficiency			53.3%



80° 2500cd 30°	H(m) 1 2 3 4 5	2160 540.1 240.1 135.0 86.42	D(m) 38° 0.57 1.15 1.73 2.30 2.88
Light Source Luminous Flux Lighting Luminous Flux			1100lm 8.85lm
Luminaire Efficiency			69.9%

H(m) E(lx) D(m) 50° 50° 1 1296 0.70° 2 323.9 1.40 3 144.0 2.10 4 90.98 2.80				
[30] 1500cd 30] 5 51.82 3.50	60 60°	1 2 3 4	1296 323.9 144.0 80.98	50° 0.70 1.40 2.10 2.80

18W



	H(m)	E(Ix)	D(m) 24°
N XHIK VI	1	6189	0.38
$Y \times / \times Y $	2	1547	0.77
N MM N	3	687.7	1.16
VYYY	4	386.8	1.54
30° 6500cd 30°	5	247.6	1.93
Light Source Luminous		1700lm	
Lighting Luminous Flux	1113.2lm		
Luminaire Efficiency		65.5%	

60 60°	H(m) 1 2 3 4 5	3401 850.2 377.9 212.5 136.0	D(m) 38° 0.57 1.15 1.73 2.31 2.89
Light Source Luminous Flux Lighting Luminous Flux			1700lm
	12	71.5%	
Luminaire Efficiency			71

43/\	\sim	H(m)	E(IX)	D(m)
60 7777	X60°			50°
11 XX	$K \times I$	1	2015	0.70
LXKI7	\mathcal{X}	2	503.8	1.41
	1 21	3	223.9	2.12
V 7 - 4	1 309	4	125.9	2.83
30° / 2500cd	30°	5	80.60	3.54
Light Source Li	uminous F	lux		1700lm
Lighting Lumine	ous Flux		11	28.5lm
Luminaire Effic	iency			66.4%

60'	H(m)	E(Ix)	D(m)
60*	1	10146	0.27
	2	2536	0.55
KMMX	3	1127	0.83
VYYY	4	634.1	1.11
30° 15000cd 30°	5	405.8	1.39
Light Source Luminous Flux		2	200lm
Lighting Luminous Flux		99	8.05lm
Luminaire Efficiency		45.5%	

60° 60° 60° 30° 7500cd 30°	H(m) 1 2 3 4 5	7459 1865 828.8 466.2 298.4	D(m) 24° 0.39 0.79 1.19 1.58 1.98	
Light Source Luminous Flux Lighting Luminous Flux			2200lm 314.2lm	
Luminaire Efficiency			59.7%	

	H(m)	E(lx)	D(m)
60 7 7 7 60			38°
	1	3941	0.58
r_{XH}	2	985.2	1.16
K MM XI	3	437.9	1.74
VYYYV	4	246.3	2.32
30° 4000cd 30°	5	157.6	2.90
Light Source Luminous	Flux		2200lm
Lighting Luminous Flux		1415.7lm	
Luminaire Efficiency			64.4%

H(m) E(lx) D(m) 50 1 2375 0.69 2 593.7 1.39 3 263.9 2.09 4 148.4 2.73 30 2500od 00 5 94.99 3.48 Light Source Luminous Flux 12200m Lighting Luminous Flux 58.7% Luminaire Efficiency 58.7%				
Light Source Luminous Flux 2200lm Lighting Luminous Flux 1290.6lm		1 2 3	2375 593.7 263.9	50° 0.69 1.39 2.09
Lighting Luminous Flux 1290.6lm	30° 2500cd 30°	5	94.99	3.48
	Lighting Luminous Flux	Flux		90.6lm

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRKG3

Varros Keyhole luminaires provides excellent glare control and maximum visual comfort while providing the flexibility needed to provide the desired illumination effect and atmosphere. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers





DALI Dimmer



Dimming









COB LED



Ø75mm

Cut-out Size Dia 75mm
Size Dia 85mm x 93mm

Dimmer Control Control

Luminaire Data

Luminous Flux 309lm 441lm 570lm Connected Load 5W 8W 13W Luminaire Efficacy 62lm/W 55lm/W 44lm/W <3 SDCM <3 SDCM Colour Deviation <3 SDCM Colour Rendition Index ≥ 90 ≥ 90 ≥ 90 L90 ≤ 50,000h L90 ≤ 50,000h LED Lumen Maintenance L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method PWM **PWM PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Rotation Angle 355° Tilt Angle 28°

Beam Angle 17° / 24° / 38° / 60° *

IP 20 / 44

Accessories



Striped glass



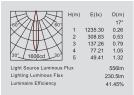
Woven glass

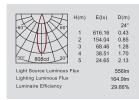


Honeycomb

Photometrics

5W





	H(m)	E(Ix)	D(m)
60 7 1 7 60			38°
	1	495.36	0.69
	2	123.84	1.38
$\times M$	3	55.04	2.07
30° 627cd 30°	4	30.96	2.75
30° 627cd 30°	5	19.81	3.44
Light Source Luminous F	lux		556lm
Lighting Luminous Flux		1	54.3lm
Luminaire Efficiency		2	7.75%

80 80 80 30 47Fcd 30	H(m) 1 2 3 4 5	E(Ix) 378.91 94.73 42.10 23.68 15.16	D(m) 60° 1.15 2.31 3.46 4.62 5.77
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		556lm 40.3lm 25.24%

8W



60° 60° 30° 2976cd 30°	H(m) 1 2 3 4 5	E(Ix) 452.71 113.18 50.30 28.29 18.11	D(m) 24° 0.43 0.85 1.28 1.70 2.13
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		850lm 21.2lm 19.54%

	H(m)	E(Ix)	D(m)
60 2 7 1 2 60 1			38°
N XHX XI	1	1035.78	0.65
	2	258.95	1.30
$\times / \square / \times $	3	115.09	1.95
30° 1699cd 30°	4	64.74	2.60
30° 1699cd 30°	5	41.43	3.25
Light Source Luminous	Flux		850lm
Lighting Luminous Flux		3	81.1lm
Luminaire Efficiency			34.68%

60	H(m)	E(lx)	D(m)
100 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	1	529.40	1.15
	2	132.35	2.31
\mathcal{N}	3	58.82	3.46
VYXXV	4	33.09	4.62
30° 589cd 30°	5	21.18	5.77
Light Source Luminous	Flux		850lm
Lighting Luminous Flux		1	73.7lm
Luminaire Efficiency		2	0.43%



60° 60° 30° 1317cd 30°	H(m) 1 2 3 4 5	E(Ix) 582.90 145.73 64.77 36.43 23.32	D(m) 24° 0.43 0.85 1.28 1.70 2.13
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux	2	1100lm 70.3lm 24.57%

60	H(m)	E(Ix)	D(m)
	1	1335.56	0.65
ry I V	2	333.89	1.30
\vee \vee	3	148.40	1.95
VAVE	4	83.47	2.60
30° 1018cd 30°	5	53.42	3.25
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		2	253.8lm
Luminaire Efficiency		:	23.07%

30° 787cd 30° 5 27.5	60 60	H(m) 1 2 3 4	E(lx) 688.32 172.08 76.48 43.02	D(m) 60° 1.15 2.31 3.46 4.62
Lighting Luminous Flux		5 Flux	27.53	4.62 5.77 1100lm 32.5lm

^{*} Note : CCT 2700K / 3000K / 4000K for all Wattage



VRKG4

Varros Keyhole luminaires provides excellent glare control and maximum visual comfort while providing the flexibility needed to provide the desired illumination effect and atmosphere. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers









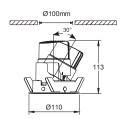






COB LED





Cut-out Size Dia 100mm Dia 110mm x 113mm Size

Luminaire Data

1-10V Step DALI Dimmer Dimmer Control Control

Luminous Flux 619lm 999lm 1061lm 23W Connected Load 13W 18W Luminaire Efficacy 48lm/W 56lm/W 46lm/W Colour Deviation <3 SDCM <3 SDCM <3 SDCM Colour Rendition Index ≥ 90 ≥ 90 ≥ 90 L90 ≤ 50,000h L90 ≤ 50,000h LED Lumen Maintenance L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method PWM **PWM PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

355° Rotation Angle Tilt Angle 28°

Beam Angle 17° / 24° / 38° / 50°

IΡ 20 / 44

Accessories



Striped glass



Woven glass



Honeycomb

* Note: CCT 2700K / 3000K / 4000K for all Wattage

Photometrics

13W

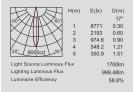
	H(m)	E(lx)	D(m)
30° 6000cd 30°	1 2 3 4 5	5634 1408 626.0 352.1 225.4	0.30 0.60 0.91 1.21 1.51
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 9.29lm 56.3%

	H(m)	E(Ix)	D(m)
30° 4000cd 30°	1 2 3 4 5	3959 989.7 439.9 247.4 158.3	24° 0.40 0.80 1.20 1.60 2.00
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm i4.04lm 68.5%

60 60° 30° 2500cd 30°	H(m) 1 2 3 4 5	E(Ix) 2155 538.7 239.4 134.7 86.19	D(m) 38° 0.57 1.15 1.73 2.30 2.88
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 0.03lm 73.6%

60 60° 30° 1500cd 30°	H(m) 1 2 3 4 5	E(Ix) 1296 324.1 144.0 81.02 51.85	D(m) 50° 0.70 1.40 2.10 2.80 3.50
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency		1100lm 9.43lm 69.9%	

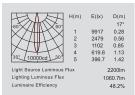
18W



60 600cd 30	H(m) 1 2 3 4 5	E(Ix) 6126 1532 680.7 382.9 245.1	D(m) 24° 0.40 0.80 1.20 1.61 2.01
Light Source Luminous Lighting Luminous Flux		1700lm 87.1lm	
Luminaire Efficiency			69.8%

60° 60° 30° 3500cd 30°	H(m) 1 2 3 4 5	3349 837.1 372.1 209.3 133.9	D(m) 38° 0.60 1.21 1.82 2.43 3.04
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency		1700lm 178.2lm 75.2%	

	H(m)	E(lx)	D(m) 50°
No Attack All	1	2001	0.73
	2	500.2	1.47
	3	222.3	2.21
V YYYY	4	125.1	2.95
30° 2500cd 30°	5	80.04	3.69
Light Source Luminous	Flux		1700lm
Lighting Luminous Flux		12	05.7lm
Luminaire Efficiency			70.9%



60° 60° 30° 30° 7000cd 30°	H(m) 1 2 3 4 5	E(lx) 6972 1743 774.6 435.7 278.9	D(m) 24° 0.39 0.78 1.17 1.57
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency		2200lm 30.1lm 60.5%	

60° 60° 80° 30° 4000cd 30°	H(m) 1 2 3 4 5	3840 959.9 426.6 240.0	D(m) 38° 0.59 1.18 1.77 2.36 2.95
Lighting Luminous Flux			
Luminaire Efficiency			66.5%

1°~ 250000 2° 5 92.63 3.66	60° 60° 30° 2500cd 30°	H(m) 1 2 3 4 5	2316 578.9 257.3 144.7 92.63	D(m) 50° 0.73 1.46 2.19 2.92 3.66
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TRIMLESS ROUND



VRX2

Varros Trimless Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer





Aluminium + PC

17° / 24° / 38° / 60°

Black / White

Fixed

Fixed

20 / 44



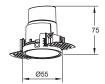




COB LED



Ø55mm //////# * [//////



Cut-out Size Dia 55mm Dia 55mm x 75mm Size

Luminaire Data

Dimmer Control Control

Luminous Flux 326lm Connected Load 5W 65lm/W Luminaire Efficacy

2700K / 3000K / 4000K CCT

Colour Deviation <3 SDCM Colour Rendition Index ≥ 90

LED Lumen Maintenance L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI)

Dimming Method **PWM**

Luminaire Information

Optional Reflector Colours

Accessories















Honeycomb

Narrow-angle Film





Wide-angle









Photometrics

5W

Material

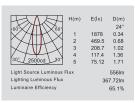
Tilt Angle

Beam Angle

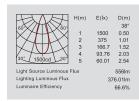
Luminaire Finish

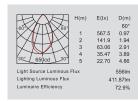
Rotation Angle





Black / White / Pearl Black / Chrome / Gold







VRXG2

Varros Trimless Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers

2700K / 3000K / 4000K



Dimmer Control Control

Luminaire Data Luminous Flux

Connected Load

Luminaire Efficacy

Colour Deviation

Dimming Range

Material Luminaire Finish

Tilt Angle

Beam Angle

Dimming Method

Colour Rendition Index

LED Lumen Maintenance

Luminaire Information

Optional Reflector Colours

1-10V Step

CCT



DALI Dimmer





326lm

65lm/W

<3 SDCM

L90 ≤ 50,000h

Aluminium + PC

17° / 24° / 38° / 60°

Black / White

355°

28°

20 / 44

0.1% - 100% (DALI)

5W

≥ 90

PWM

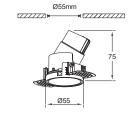








Adiustable



Cut-out Size Dia 55mm

Dia 55mm x 75mm Size

Accessories



Honeycomb











Narrow-angle Film





Pearl Black





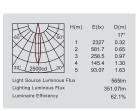


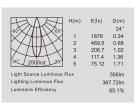


Photometrics

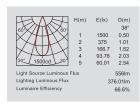
Rotation Angle

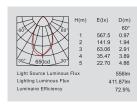
5W





Black / White / Pearl Black / Chrome / Gold







VRX3

Varros Trimless Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers





DALI Dimmer





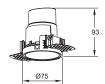








Ø75mm //////* * [//////



Cut-out Size Dia 75mm Size Dia 75mm x 93mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

359lm 5W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

573lm 8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

722lm 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 60° * Beam Angle

20 / 44

Accessories











Narrow-angle Film



Honeycomb





Wide-angle



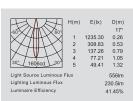
Pearl Black

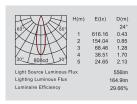


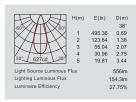


Photometrics

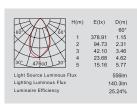








E(Ix) D(m)



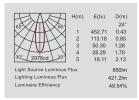
E(lx)

132.35 58.82 33.09 21.18

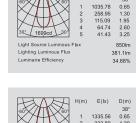
3.46 4.62 5.77

8W





D(m) 24° 0.43 0.85 1.28 1.70 2.13





Light Source Luminous Lighting Luminous Flux Luminaire Efficiency

1	3	٧	٨





^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRXG3

Varros Trimless Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers





DALI Dimmer



Dimming

TRIAC Controlled Class III









COB LED



Ø75mm //////* + [//////

Cut-out Size Dia 75mm Size Dia 75mm x 93mm

Luminaire Data

1-10V Step DALI Di Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

359lm 5W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

573lm 8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

722lm 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 28°

17° / 24° / 38° / 60° * Beam Angle

20 / 44

Accessories









Honeycomb





Narrow-angle Film





Wide-angle





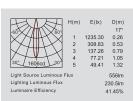
Pearl Black

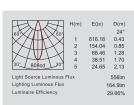


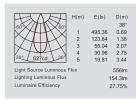


Photometrics





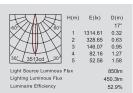


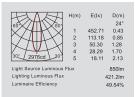


80 60 60 80 30 476cd 30°	H(m) 1 2 3 4 5	E(lx) 378.91 94.73 42.10 23.68 15.16	D(m) 60° 1.15 2.31 3.46 4.62 5.77
Light Source Luminous F	lux		556lm
Lighting Luminous Flux		1	40.3lm
Luminaire Efficiency		2	5.24%

E(lx)

3.46 4.62 5.77

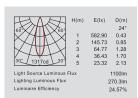






naire Efficiency			34.68%	Luminaire Efficiency		2	20.43%
60°	H(m) 1 2 3 4 5	E(Ix) 1335.56 333.89 148.40 83.47 53.42	D(m) 38° 0.65 1.30 1.95 2.60 3.25	60 30 787cd 30	H(m) 1 2 3 4 5	E(lx) 688.32 172.08 76.48 43.02 27.53	D(m) 60° 1.15 2.31 3.46 4.62 5.77
Source Luminous F	lux		1100lm	Light Source Luminous F	lux		1100lm

13W	60	H(m)	E(lx)	D(m) 17°
		1	1722.98	0.32
		2	430.74	0.63
	$\times / \mathbb{T} \setminus \times$	3	191.44	0.95
	30° / 3001 mt 30°	4	107.69	1.27
	30° 2601cd 30°	5	68.92	1.58
	Light Source Luminous F	lux		1100lm





^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRX4

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Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer



TRIAC Controlled Class III





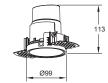




COB LED



Ø100mm //////* + (///////



Cut-out Size Dia 100mm Size Dia 99mm x 113mm

Luminaire Data

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

769lm 13W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

1422lm 18W 79lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

1385lm 23W 60lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

38° 0.70 1.41 2.12 2.83 3.54

1100lm

924.47lm

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 60° Beam Angle

20 / 44

Accessories















Honeycomb







E(Ix)

D(m) 60° 0.97 1.94 2.92 3.89 4.87

1100lm

912.96lm 83%





Wide-angle Pearl Black

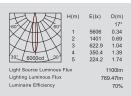




Photometrics



18W



E(lx)

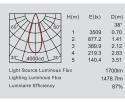
9049 2262 1005 565.5 361.9 0.34 0.69 1.04 1.39 1.74

1700lm 1422.4lm 83.7%





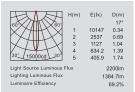
1700lm

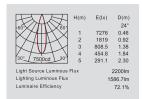




Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency

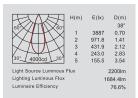
23W

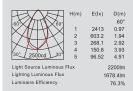




Light Source Luminous Flux

Lighting Luminous Flux





^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRXG4

Varros Trimless Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers







Dimming









Indoor Use COB LED Adjustable



1-10V Step DALI Di Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Luminaire Information

Optional Reflector Colours

Dimming Method

Material

Tilt Angle

Beam Angle

Luminaire Finish

Rotation Angle

769lm 13W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

Aluminium + PC

17° / 24° / 38° / 60°

Black / White

355°

28°

* Note: CCT 2700K / 3000K / 4000K for all Wattage

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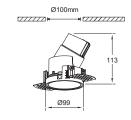
18W 79lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

Black / White / Pearl Black / Chrome / Gold

1422lm

1385lm 23W 60lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**





Cut-out Size Dia 100mm Size Dia 99mm x 113mm

Accessories







Wide-angle Stretch Film







Narrow-angle



Woven glass



Wide-angle Film Pearl Black



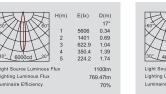


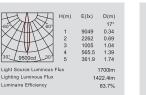
Photometrics

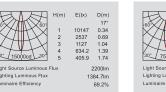


18W





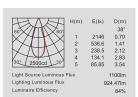






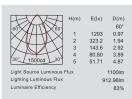
60° 6500cd 30°	H(m) 1 2 3 4 5	E(Ix) 6430 1607 714.4 401.8 257.2	D(m) 24° 0.46 0.93 1.41 1.86 2.33
Light Source Luminous I Lighting Luminous Flux Luminaire Efficiency	=lux		1700lm 14.6lm 83.2%





60	H(m) 1 2 3	E(Ix) 3509 877.2 389.9	D(m) 38° 0.70 1.41 2.12
30° 4000cd 30°	4	219.3 140.4	2.83
Light Source Luminous Flux Lighting Luminous Flux			1700lm 78.7lm
Luminaire Efficiency			87%

		H(m)	E(lx)	D(m)
	60°	1	3887	0.70
	$r \times r \times r$	2	971.8	1.41
	N MM N	3	431.9	2.12
	VYV	4	243.0	2.83
	30° 4000cd 30°	5	155.5	3.54
	Light Source Luminous	Flux		2200lm
Lighting Luminous Flux			16	84.4lm
	Luminates Citizana			



	H(m)	E(lx)	D(m)
60 711 2601			60°
NO MATTER CO.	1	2134	0.96
	2	533.4	1.92
	3	237.1	2.89
V	4	133.4	3.85
30° 2500cd 30°	5	85.35	4.82
Light Source Luminous F	lux		1700lm
Lighting Luminous Flux		14	70.6lm
Luminaire Efficiency			86.5%

60	H(m)	E(Ix)	D(m) 60° 0.97	
[XYYX]	2	603.2 268.1	1.94	
	4	150.8	3.93	
30° 2500cd 30°	5	96.52	4.91	
Light Source Luminous I	Flux	:	2200lm	
Lighting Luminous Flux		16	78.4lm	
Luminaire Efficiency			76.3%	



VRPX3

Varros Trimless Pinhole luminaires provides excellent glare control and maximum visual comfort, maintaining the proper atmosphere while blending into the overall look and feel of your ceiling. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

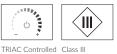
Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step















Ø75mm //////*/** + [//////



Cut-out Size Dia 75mm Size Dia 75mm x 93mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

309lm 5W 62lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

414lm 8W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

570lm 13W 44lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White Rotation Angle Fixed

Fixed Tilt Angle

17° / 24° / 38° / 60° * Beam Angle

IΡ 20 / 44

Accessories



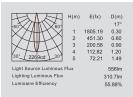
Striped glass



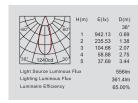


Photometrics

5W



80° 60° 80° 80° 80° 80° 80° 80° 80° 80° 80° 8	H(m) 1 2 3 4 5	E(Ix) 1372.44 343.11 152.49 85.78 54.90	D(m) 24° 0.43 0.85 1.28 1.70 2.13
Light Source Luminous I Lighting Luminous Flux Luminaire Efficiency	Flux		556lm 317lm 57.01%



30° 514cd 30°	H(m) 1 2 3 4 5	E(Ix) 327.88 81.97 36.43 20.49 13.12	D(m) 60° 1.15 2.31 3.46 4.62 5.77
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux	•	556lm 349lm 32.76%

8W



2 442.11 0.85 3 196.49 1.28 30° 2260cd 30° 5 70.74 2.13	60 60	H(m)	E(lx)	D(m)
3 196.49 1.28 30 2260cd 30 5 70.74 2.13 Light Source Luminous Flux 850ln Lighting Luminous Flux 407.7In	\times	1 2	1768.44 442.11	0.43
30°	KMMX		196.49	1.28
5	30° / 2260ad 30°			1.70
Lighting Luminous Flux 407.7ln	30 <u>1 220000</u> 1 30	5	70.74	2.13
		Flux		850lm
Luminaire Efficiency 47,97%	Lighting Luminous Flux		4	107.7lm
	Luminaire Efficiency			47.97%

80° 60° 60° 30° 1610cd 30°	H(m) 1 2 3 4 5	E(Ix) 1225.26 306.32 136.14 76.58 49.01	D(m) 38° 0.69 1.38 2.07 2.75 3.44
Light Source Luminous	Flux		850lm
Lighting Luminous Flux		4	58.4lm
Luminaire Efficiency			53.93%

HAVAH	H(m)	E(Ix)	D(r
60 1			60
\mathcal{N}	1	413.48	1.1
r XV I VX 1	2	103.37	2.3
	3	45.94	3.4
VYYYV	4	25.84	4.6
30° 665cd 30°	5	16.54	5.7
Light Source Luminous	Flux		8501
Lighting Luminous Flux		4	45.81
Luminaire Efficiency		5	52.44



	H(m)	E(Ix)	D(m) 24°
60	1	2269.55	0.43
	2	567.39	0.85
\times $/ \mathbb{M} \setminus \times$	3	252.17	1.28
VYVYV	4	141.85	1.70
30° 2944cd 30°	5	90.78	2.13
Light Source Luminous F	lux		1100lm
Lighting Luminous Flux		5	31.9lm
Luminaire Efficiency			48.3%





^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRPX4

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Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer













Dimmer Control Control

Luminaire Data

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance

Dimming Range Dimming Method

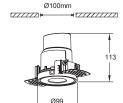
586lm 13W 45lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h

0.1% - 100% (DALI) **PWM**

905lm 18W 50lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

998lm 23W 43lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM





Cut-out Size Dia 100mm Size Dia 99mm x 113mm

Accessories



Striped glass





Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White Fixed

Rotation Angle Tilt Angle Fixed

17° / 24° / 38° / 60° Beam Angle

IΡ 20 / 44

Photometrics

13W

60 A 60	H(m)	E(Ix)	D(m)
30° 6000cd 30°	1 2 3 4 5	5663 1416 629.2 353.9 226.5	0.29 0.58 0.87 1.17 1.46
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 5.90lm 53.3%

60° 60° 60° 60° 60° 60° 60° 60° 60° 60°	H(m) 1 2 3 4 5	3947 986.8 438.6 246.7	D(m) 24° 0.39 0.79 1.19 1.59
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 698.2lm 63.5%

	H(m)	E(Ix)	D(m)
60	1	2160	0.57
	2	540.1	1.15
K MM XI	3	240.1	1.73
V THE	4	135.0	2.30
30° 2500cd 30°	5	86.42	2.88
Light Source Luminous F	Flux		1100lm
Lighting Luminous Flux		76	8.85lm
Luminaire Efficiency			69.9%

\mathcal{M}	H(m)	E(Ix)	D(m)	1	$\bigvee \bigvee$	\rightarrow	H(m)	E(lx)	D(m)
771/261			38°	600	PTT	X601			60°
HHXM	1	2160	0.57	\times 7	HH	$\langle \mathcal{M} \rangle$	1	1296	0.70
	2	540.1	1.15	$r \times $	$\angle \perp \lor$	\times)	2	323.9	1.40
(T)(X)	3	240.1	1.73	\times	$\nabla \Delta \Delta$	\mathcal{A}	3	144.0	2.10
447	4	135.0	2.30	V7	Y	C. N	4	80.98	2.80
2500cd _30"	5	86.42	2.88	30°	1500cd	1-30°	5	51.82	3.50
urce Luminous	Flux		1100lm	Light S	ource Lui	ninous I	Flux		1100lm
Luminous Flux		76	88.85lm	Lighting	g Lumino	us Flux			713.8lm
e Efficiency			69.9%	Lumina	ire Efficie	ncy			64.9%

18W

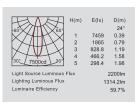


603 601 801 302 6500cd 30	H(m) 1 2 3 4 5	E(Ix) 6189 1547 687.7 386.8 247.6	D(m) 24° 0.38 0.77 1.16 1.54
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	-		1700lm 113.2lm 65.5%

60° 60° 80° 80° 80° 80° 80° 80° 80° 80° 80° 8	H(m) 1 2 3 4 5	3401 850.2 377.9 212.5	D(m) 38° 0.57 1.15 1.73 2.31 2.89
Light Source Luminous I Lighting Luminous Flux Luminaire Efficiency	Flux		1700lm 15.1lm 71.5%

Ligi	at Source Luminous Flux ining Luminous Flux ininaire Efficiency	1 2 3 4 5		0.70 1.41 2.12 2.83 3.54 1700lm 28.5lm 66.4%	
F		H(m)	E(Ix)	D(m)	

600	H(m)	E(Ix)	D(m) 17° 0.27
	2	2536 1127	0.55
30° (15000cd 30°	4	634.1	1.11
30° 15000cd 30°	5	405.8	1.39
Light Source Luminous I	lux	2	2200lm
Lighting Luminous Flux		99	8.05lm
Luminaire Efficiency			45.5%



	H(m)	E(lx)	D(m)
60	1	3941	0.58
$r_{X}HX$	2	985.2	1.16
$V \times V$	3	437.9	1.74
VYYYV	4	246.3	2.32
30° 4000cd 30°	5	157.6	2.90
Light Source Luminous I	lux		2200lm
Lighting Luminous Flux		14	15.7lm
Luminaire Efficiency			64.4%

60 60 60 30 30 30 30 30 30 30 30 30 30 30 30 30	H(m) 1 2 3 4 5	E(Ix) 2375 593.7 263.9 148.4 94.99	D(m) 60° 0.69 1.39 2.09 2.78 3.48
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		2200lm 290.6lm 58.7%

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRKXG3

Varros Trimless Adjustable Tilt Keyhole luminaires provides excellent glare control and maximum visual comfort and will blend into the overall look and feel of your ceiling while providing the flexibility needed to provide the desired illumination effect and atmosphere. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers









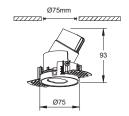






Adjustable





Cut-out Size Dia 75mm Size Dia 75mm x 93mm

Luminaire Data

1-10V Step DALI Dimmer Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Dimming Method

309lm 5W 62lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h

0.1% - 100% (DALI) PWM

414lm **W**8 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

570lm 13W 44lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM



Accessories

Striped glass





Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

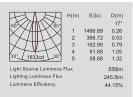
355° Rotation Angle 28° Tilt Angle

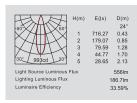
17° / 24° / 38° / 60° * Beam Angle

IΡ 20 / 44

Photometrics

5W

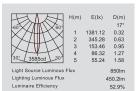


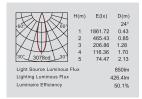


HA N EN	H(m)	E(Ix)	D(m)
60 7 1 7 60			38°
	1	664.09	0.43
	2	166.02	0.85
\times /TT/ \times	3	73.79	1.28
30° 839cd 30°	4	41.51	1.70
30° 839cd 30°	5	26.56	2.13
Light Source Luminous I	Flux		556lm
Lighting Luminous Flux			190.6lm
Luminaire Efficiency			34.28%

60	H(m) 1 2 3 4	E(lx) 388.95 97.24 43.22 24.31	D(m) 60° 1.15 2.31 3.46 4.62
[30° 487cd 30°] Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	5 Flux		5.77 556lm 49.9lm 26.96%

8W





600	H(m) 1 2 3 4	E(lx) 559.64 139.91 62.18 34.98	D(m) 60° 1.15 2.31 3.46 4.62
[30° 558cd 30°] Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	5 Flux		5.77 850lm 78.5lm 21.00%



30° 2166cd 30°	H(m) 1 2 3 4 5	E(Ix) 2373.42 593.35 263.71 148.34 94.94	D(m) 24° 0.43 0.85 1.28 1.70 2.13	
Light Source Luminous I	Flux		1100lm	
Lighting Luminous Flux	4	04.8lm		
Luminaire Efficiency			36.8%	

60	H(m)	E(lx)	D(m) 38°
	1	845.87	1.15
	2	211.47	2.31
\vee \sim \sim	3	93.99	3.46
V	4	52.87	4.62
30° 1385cd 30°	5	33.83	5.77
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		3	15.4lm
Luminaire Efficiency		2	8.67%

60 60	H(m)	E(lx) 764.21	D(m) 60° 1.15
30° 538cd 30°	2 3 4 5	191.05 84.91 47.76 30.57	2.31 3.46 4.62 5.77
Light Source Luminous F Lighting Luminous Flux Luminaire Efficiency	lux	1	1100lm 62.1lm 14.73%

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRKXG4

Varros Trimless Adjustable Tilt Keyhole luminaires provides excellent glare control and maximum visual comfort and will blend into the overall look and feel of your ceiling while providing the flexibility needed to provide the desired illumination effect and atmosphere. A choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers











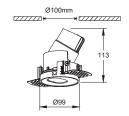




COB LED

999lm





Cut-out Size Dia 100mm Size Dia 99mm x 113mm

Luminaire Data

1-10V Step DALI Dimmer Dimmer Control Control

Luminous Flux
Connected Load
Luminaire Efficacy
Colour Deviation
Colour Rendition Index
LED Lumen Maintenance
LED Chipset Flux

Dimming Range
Dimming Method

619lm 13W 48lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

18W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM 1061lm 23W 46lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Rotation Angle 355° Tilt Angle 28°

Beam Angle 17° / 24° / 38° / 60°

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Accessories



Striped glass



Woven glass



Honeycom

Photometrics

13W

60	H(m) 1 2 3 4	E(Ix) 5634 1408 626.0 352.1	D(m) 17° 0.30 0.60 0.91 1.21
30° 6000cd 30°	5	225.4	1.51
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 9.29lm 56.3%

60 60° 30 4000cd 30°	H(m) 1 2 3 4 5	3959 989.7 439.9 247.4 158.3	D(m) 24° 0.40 0.80 1.20 1.60 2.00
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		75	i4.04lm
Luminaire Efficiency			68.5%

60° 60° 30° 2500cd 30°	H(m) 1 2 3 4 5	E(Ix) 2155 538.7 239.4 134.7 86.19	D(m) 38° 0.57 1.15 1.73 2.30 2.88
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency			1100lm 0.03lm 73.6%

H3/16H	H(m)	E(lx)	D(m)
160× / 7777 X 601			60°
N XHTHK A	1	1296	0.70
	2	324.1	1.40
K KT X	3	144.0	2.10
VAXA	4	81.02	2.80
30° 1500cd 30°	5	51.85	3.50
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		76	9.43lm
Luminaire Efficiency			69.9%

18W

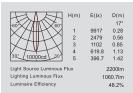
60°	H(m)	E(lx)	D(m) 17°
\wedge	1	8771	0.30
	2	2193	0.60
$\times M$	3	974.6	0.90
VYYY	4	548.2	1.21
30° \(9000cd \) 30°	5	350.9	1.51
Light Source Luminous I	lux	1	1700lm
Lighting Luminous Flux		99	9.48lm
Luminaire Efficiency			58.8%

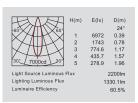
600	H(m) 1 2 3 4	E(Ix) 6126 1532 680.7 382.9	D(m) 24° 0.40 0.80 1.20
30° 6500cd 30°	5	245.1	2.01
Light Source Luminous I	lux		1700lm
Lighting Luminous Flux		11	87.1lm
Luminaire Efficiency			69.8%

60° 60° 30° 3500cd 30°	H(m) 1 2 3 4 5	E(lx) 3349 837.1 372.1 209.3 133.9	D(m) 38° 0.60 1.21 1.82 2.43 3.04
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1700lm 178.2lm 75.2%

60		1 2 3	2001 500.2 222.3	0.73 1.47 2.21
30	2500cd 30	4 5	125.1 80.04	2.95 3.69
Lig	ht Source Luminous hting Luminous Flu: minaire Efficiency			1700lm :05.7lm :70.9%
		H(m)	E(Ix)	D(m)

H(m) E(lx) D(m)





60 60 60 80 30 30 4000d 30	H(m) 1 2 3 4 5	E(lx) 3840 959.9 426.6 240.0 153.6	D(m) 38° 0.59 1.18 1.77 2.36 2.95
Light Source Luminous I Lighting Luminous Flux Luminaire Efficiency	Flux		2200lm 63.3lm 66.5%

60 60 60 30 30 30 30 30 30 30 30 30 30 30 30 30	H(m) 1 2 3 4 5	2316 578.9 257.3 144.7 92.63	D(m) 60° 0.73 1.46 2.19 2.92 3.66
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		2200lm 84.6lm 62.9%

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage





TRIM SQUARE



VS2

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer



TRIAC Controlled Class III









COB LED



55x55 ///////# +(//////



Cut-out Size 55mm x 55mm Size 65mm x 65mm x 84mm

Luminaire Data

Luminous Flux Connected Load Luminaire Efficacy CCT

Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Luminaire Information

Optional Reflector Colours

Dimming Method

Material Luminaire Finish

Tilt Angle

Beam Angle

326lm 5W 65lm/W 2700K / 3000K / 4000K

<3 SDCM ≥ 90

L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

Aluminium + PC

17° / 24° / 38° / 60°

Black / White

Fixed

Fixed

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573lm 8W 72lm/W

2700K / 3000K / 4000K

<3 SDCM ≥ 90

L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

Accessories







Wide-angle Stretch Film Striped glass













Wide-angle Pearl Black





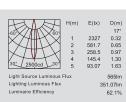


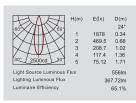


Photometrics

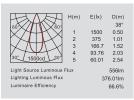
Rotation Angle

5W





Black / White / Pearl Black / Chrome / Gold







VSG2

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer





Aluminium + PC

Black / White

355°

28°

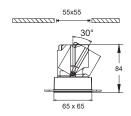












Cut-out Size 55mm x 55mm Size 65mm x 65mm x 84mm

Luminaire Data

Dimmer Control Control

Luminous Flux 326lm Connected Load 5W Luminaire Efficacy 65m/W

CCT 2700K / 3000K / 4000K

Colour Deviation <3 SDCM Colour Rendition Index ≥ 90

LED Lumen Maintenance L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI)

Dimming Method PWM

Accessories







Striped glass



Honeycomb





Narrow-angle Film







Wide-angle

Pearl Black





Rotation Angle Tilt Angle

Luminaire Information

Optional Reflector Colours

Beam Angle

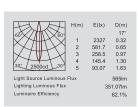
Material Luminaire Finish

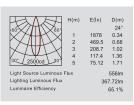
17° / 24° / 38° / 60°

20 / 44

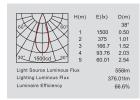
Photometrics

5W





Black / White / Pearl Black / Chrome / Gold







VS3

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers

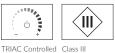


1-10V Step



DALI Dimmer













75x75 //////# * [77777777



Cut-out Size 75mm x 75mm Size 86mm x 86mm x 101mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

359lm 5W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

573lm 8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

722lm 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 60° * Beam Angle

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Accessories













Narrow-angle Film



Honeycomb





Wide-angle

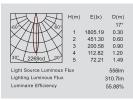




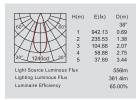


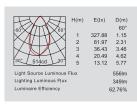
Photometrics







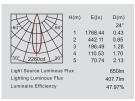




E(Ix)

8W



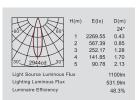




Lighting Luminous Flux Luminaire Efficiency			45.8lm 2.44%	
60° 887cd 30°	H(m) 1 2 3 4 5	539.48 134.87 59.94 33.72 21.58	D(m) 60° 1.15 2.31 3.46 4.62 5.77	
Light Source Luminous F	Flux		1100lm	

	1	2346.80	0.32
	2	586.70	0.63
K/TT/X	3	260.76	0.95
VYYV	4	146.68	1.27
30° 2933cd 30°	5	93.87	1.58
Light Source Luminous F	lux		850lm
Lighting Luminous Flux		3	97.4lm
Luminaire Efficiency			46.7%







^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VSG3

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step







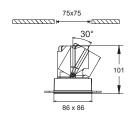












Cut-out Size 75mm x 75mm Size 86mm x 86mm x 101mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Dimming Method

359lm 5W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

573lm 8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

722lm 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 28°

17° / 24° / 38° / 60° * Beam Angle

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Accessories









Honeycomb





Narrow-angle Film







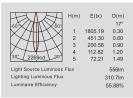
Wide-angle

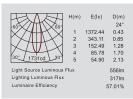


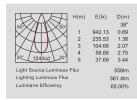


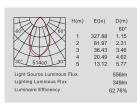
Photometrics











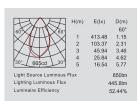
8W



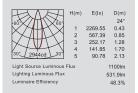
30°	60 60	H(m) 1 2 3 4	E(Ix) 1768.44 442.11 196.49 110.53	D(m) 24° 0.43 0.85 1.28 1.70
	Light Source Luminous F		4	850lm -07.7lm

ПАЛЕЛ	H(m)	E(Ix)	D(m)
	()	-()	38°
60	1	1225.26	0.69
	2	306.32	1.38
$\times M$	3	136.14	2.07
30° 1610ad 30°	4	76.58	2.75
30° 1610cd 30°	5	49.01	3.44
Light Source Luminous F	lux		850lm
Lighting Luminous Flux		4	158.4lm
Luminaire Efficiency			53.93%

60 60 80 30 30 30 30 30 30 30 30 30 30 30 30 30	H(m) 1 2 3 4 5	E(Ix) 1553.42 388.36 172.60 97.09 62.14	D(m) 38° 0.69 1.38 2.07 2.75 3.44
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		6	05.8lm
Luminaire Efficiency		F	5 07%









^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VS4

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step Dimmer Control



DALI Dimmer











COB LED



100x100 ///////# * (//////



Cut-out Size 100mm x 100mm Size 110mm x 110mm x 127mm

Luminaire Data

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

769lm 13W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

1422lm 18W 79lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

1385lm 23W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 60° Beam Angle

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Accessories













Narrow-angle Film







Wide-angle Honeycomb





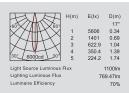
Pearl Black

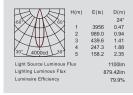




Photometrics





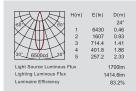


FLACE	H(m)	E(Ix)	D(m)
30° 2500cd 30°	1 2 3 4 5	2146 536.6 238.5 134.1 85.85	0.70 1.41 2.12 2.83 3.54
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 4.47lm 84%

60 60° 30° 1500cd 30°	H(m) 1 2 3 4 5	E(Ix) 1293 323.2 143.6 80.80 51.71	D(m) 60° 0.97 1.94 2.92 3.89 4.87
100000	0	51.71	4.67
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 2.96lm 83%

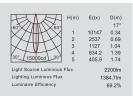
18W

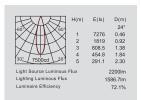
60 60	H(m) 1 2 3	9049 2262 1005 565.5	D(m) 17° 0.34 0.69 1.04 1.39
30° 9500cd 30°	5	361.9	1.74
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1700lm 22.4lm 83.7%



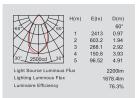


	H(m)	E(Ix)	D(m)
603/777			60°
NO AHHAK WI	1	2134	0.96
	2	533.4	1.92
K	3	237.1	2.89
VAX	4	133.4	3.85
30 2500cd 30°	5	85.35	4.82
Light Source Luminous	Flux		1700lm
Lighting Luminous Flux		14	70.6lm
Luminaire Efficiency			86.5%





	11/>	Edus	D()
+	H(m)	E(Ix)	D(m)
60°X// \\\\X60°			38°
\times \times \times \times	1	3887	0.70
$r \times r \times r$	2	971.8	1.41
$\times M$	3	431.9	2.12
VYYYV	4	243.0	2.83
30° 4000cd 30°	5	155.5	3.54
Light Source Luminous	Flux		2200lm
Lighting Luminous Flux		16	84.4lm
Luminaire Efficiency			76.6%



^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VSG4

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step







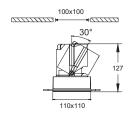












Cut-out Size 100mm x 100mm Size 110mm x 110mm x 127mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

769lm 13W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

1422lm 18W 79lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

23W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

1385lm

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 28°

17° / 24° / 38° / 60° Beam Angle

20 / 44

Accessories



Honeycomb



















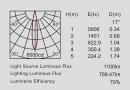


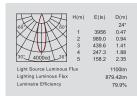


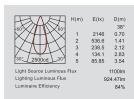


Photometrics







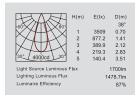




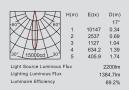
18W

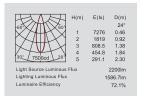
60	H(m) 1 2 3	E(lx) 9049 2262 1005	D(m) 17° 0.34 0.69 1.04
30° 9500cd 30°	5	565.5 361.9	1.39
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1700lm 22.4lm 83.7%

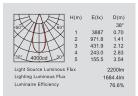


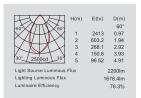


60° 60° 60° 30° 2500cd 30°	H(m) 1 2 3 4 5	E(Ix) 2134 533.4 237.1 133.4 85.35	D(m) 60° 0.96 1.92 2.89 3.85 4.82
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1700lm 170.6lm 86.5%









^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage





VS26

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step















150x75 ************* *///////



Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

Luminaire Information

Optional Reflector Colours

Material

Tilt Angle

Beam Angle

Luminaire Finish

Rotation Angle

2 x 358.5lm 2 x 5W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

Aluminium + PC

17° / 24° / 38° / 60° *

Black / White

Fixed

Fixed

* Note: CCT 2700K / 3000K / 4000K for all Wattage

20 / 44

2 x 572.5lm 2 x 8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

2 x 721.5lm 2 x 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

Accessories

Cut-out Size

Size







150mm x 75mm

158mm x 86mm x 101mm

Wide-angle Stretch Film

















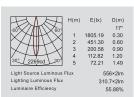
Wide-angle Film





Photometrics

2x5W



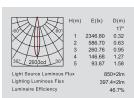


Black / White / Pearl Black / Chrome / Gold

	H(m)	E(Ix)	D(m)
60"	1	942.13	0.69
	2	235.53	1.38
\times $\wedge \top \wedge \times$	3	104.68	2.07
VYVYV	4	58.88	2.75
30° 1240cd 30°	5	37.69	3.44
Light Source Luminous	Flux	55	56×2lm
Lighting Luminous Flux		361	.4×2lm
Luminaire Efficiency		6	35.00%

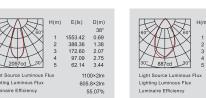


2x8W





HAMA	H(m)	E(lx)	D(m)
160×/1111/V601			38°
W XHHX W	1	1225.26	0.69
	2	306.32	1.38
$\mathbb{K} \mathcal{M} \mathbb{M}$	3	136.14	2.07
VYYY	4	76.58	2.75
30° 1610cd 30°	5	49.01	3.44
Light Source Luminous F	lux	85	50×2lm
Lighting Luminous Flux		458	.4×2lm
Luminaire Efficiency		į.	3.93%

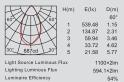




2x13W









VSG26

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step

















Luminaire Data

Dimmer Control Control

Luminaire Information

Optional Reflector Colours

2 x 358.5lm 2 x 5W 72lm/W <3 SDCM ≥ 90 $L90 \le 50,000h$ 0.1% - 100% (DALI) **PWM**

Aluminium + PC

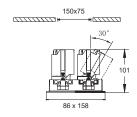
Black / White

CCT 2700K / 3000K / 4000K / 5000K for all Wattage

2 x 397lm 2 x 8W 49.6lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

2 x 524lm 2 x 13W 40.3lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM





Cut-out Size 150mm x 75mm Size 158mm x 86mm x 101mm

Accessories







Wide-angle Stretch Film





Wide-angle Film



















Beam Angle

Tilt Angle

Material

Luminaire Finish

Rotation Angle

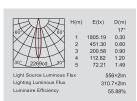
* Note: 8° / 12° not available on the 13W luminaire

355°

28°

Photometrics

2x5W

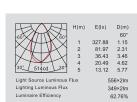


80° 1731cd 30°	H(m) 1 2 3 4 5	E(Ix) 1372.44 343.11 152.49 85.78 54.90	D(m) 24° 0.43 0.85 1.28 1.70 2.13
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux	3	56×2lm 17×2lm 57.01%

Black / White / Pearl Black / Chrome / Gold

8° / 12° / 17° / 24° / 38° / 60° *

60° 60° 60° 30° 1240cd 30°	H(m) 1 2 3 4	E(Ix) 942.13 235.53 104.68 58.88	D(m) 38° 0.69 1.38 2.07 2.75
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	5 Flux	361	3.44 56×2lm .4×2lm 55.00%



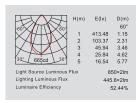
2x8W



TAAK!	H(m)	E(lx)	D(m)
1600	1	1768.44	0.43
DYHHY J	2	442.11 196.49	0.85
30° 2360ad 30°	4	110.53	1.70
30° 2260cd 30°	5	70.74	2.13
Light Source Luminous	Flux	-	50×2lm
Lighting Luminous Flux			.7×2lm
Luminaire Efficiency		4	17.97%

HALLEH	H(m)	E(Ix)	D(m)
600			38°
X MHN XI	1	1225.26	0.69
$YX \cup XY$	2	306.32	1.38
$\times / \square / \times $	3	136.14	2.07
VALV	4	76.58	2.75
30° 1610cd 30°	5	49.01	3.44
Light Source Luminous I	lux	85	50×2lm
Lighting Luminous Flux		458	.4×2lm
Luminaire Efficiency		5	3.93%

60 60° 60° 30° 2097cd 30°	H(m) 1 2 3 4 5	E(Ix) 1553.42 388.36 172.60 97.09 62.14	D(m) 38° 0.69 1.38 2.07 2.75 3.44
Light Source Luminous F	lux	110	00×2lm
Lighting Luminous Flux		605	.8×2lm
Luminaire Efficiency			55.07%



2x13W









VS28

Varros Fixed Tilt luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step





Dimming



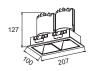








197x100



Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Luminaire Information

Optional Reflector Colours

59lm/W <3 SDCM ≥ 90 Dimming Method **PWM**

2 x 769.5lm 2 x 13W L90 ≤ 50,000h 0.1% - 100% (DALI)

Aluminium + PC

17° / 24° / 38° / 60°

Black / White

Fixed

Fixed

* Note: CCT 2700K / 3000K / 4000K for all Wattage

20 / 44

2 x 1422.5lm 2 x 18W 79lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

2 x 1384.5lm 2 x 23W 60lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

Accessories

Cut-out Size

Size







158mm x 86mm x 101mm

150mm x 75mm













Wide-angle Film













Photometrics

2x13W

2x18W

2x23W

Material

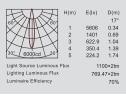
Tilt Angle

Beam Angle

Luminaire Finish

Rotation Angle



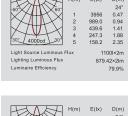


Lighting Luminous Flux

E(lx) D(m)

9049 0.34 2262 0.69 1005 1.04 565.5 1.39 361.9 1.74

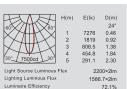
1700×2lm 1422.4×2lm 83.7%

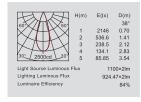


E(Ix)

Black / White / Pearl Black / Chrome / Gold

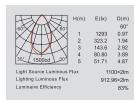
60	H(m)	E(lx)	D(m)
30° 6500cd 30°	1 2 3 4 5	6430 1607 714.4 401.8 257.2	0.46 0.93 1.41 1.86 2.33
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		00×2lm .6×2lm 83.2%





III N N	H(m)	E(lx)	D(m)
60 7 7 7 60			38°
N XHIX W	1	3509	0.70
	2	877.2	1.41
K MM XI	3	389.9	2.12
1747	4	219.3	2.83
30° 4000cd 30°	5	140.4	3.51
Light Source Luminous	Flux	170	00×2lm
Lighting Luminous Flux		1478	.7×2lm
Luminaire Efficiency			87%

	H(m)	E(lx)	D(m)
	1	3887 971.8	0.70
KAHAXI	2 3	431.9	2.12
30° 4000cd 30°	4 5	243.0 155.5	2.83 3.54
Light Source Luminous	Flux	220	00×2lm
Lighting Luminous Flux		1684	.4×2lm





10147 2537 1127





VSG28

Varros Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer













Luminaire Data

Dimmer Control Control

Luminous Flux	2 x 769lr
Connected Load	2 x 13W
Luminaire Efficacy	59.1lm/V
Colour Deviation	<3 SDCN
Colour Rendition Index	≥ 90
LED Lumen Maintenance	e L90 ≤ 50
Dimming Range	0.1% - 10
Dimming Method	PWM

Luminaire Information

Optional Reflector Colours

2 x 769lm
2 x 13W
59.1lm/W
<3 SDCM
≥ 90
L90 ≤ 50,000h
0.1% - 100% (DAL
PWM

Aluminium + PC

17° / 24° / 38° / 60°

Black / White

355°

28°

* Note: CCT 2700K / 3000K / 4000K for all Wattage

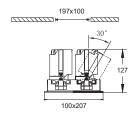
20 / 44



2 x 1384lm 2 x 23W 60.1lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h **PWM**







Cut-out Size 197mm x 100mm Size 207mm x 100mm x 127mm

Accessories















Narrow-angle Film















Photometrics

2x13W

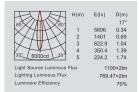
Material

Tilt Angle

Beam Angle

Luminaire Finish

Rotation Angle



FLAMEN .	H(m)	E(Ix)	D(m
60°	1	3956	24° 0.47
	2	989.0	0.94
N	3	439.6	1.41
VYYYV	4	247.3	1.88
30° 4000cd 30°	5	158.2	2.35
Light Source Luminous	Flux	110	00I×2m
Lighting Luminous Flux		879.4	42×2lm
Luminaire Efficiency			79.9%

Black / White / Pearl Black / Chrome / Gold

HA NA	H(m)	E(Ix)	D(m)
60			38°
1 × × × × × × × × × × × × × × × × × × ×	1	2146	0.70
$r_{\mathcal{M}}$	2	536.6	1.41
$K / M \times M$	3	238.5	2.12
30° 2500cd 30°	4	134.1	2.83
30° 2500cd 30°	5	85.85	3.54
Light Source Luminous	Flux	11	00×2lm
Lighting Luminous Flux		924.	47×2lm
Luminaire Efficiency			84%

H3/V4/	H(m)	E(Ix)	D(m
600 7777 2601			60'
N XHHK W	1	1293	0.97
	2	323.2	1.94
K KTA XI	3	143.6	2.92
VYYY	4	80.80	3.89
30° 1500cd 30°	5	51.71	4.87
Light Source Luminous I	lux	110	00×2lm
Lighting Luminous Flux		912.5	96×2lm
Luminaire Efficiency			83%

2x18W

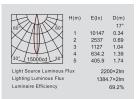


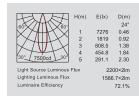
60 60°	H(m) 1 2 3 4 5	6430 1607 714.4 401.8	D(n 24 0.4 0.9 1.4 1.8
ight Source Luminous ighting Luminous Flux uminaire Efficiency			2.3 00×2lı .6×2lı 83.2°

FLACE	H(m)	E(Ix)	D(m)
60,00	1	3509	38° 0.70
	2	877.2	1.41
\times M	3	389.9	2.12
30° 4000ed 30°	4	219.3	2.83
30° 4000cd 30°	5	140.4	3.51
Light Source Luminous	Flux	170	00×2lm
Lighting Luminous Flux		1478	.7×2lm
Luminaire Efficiency			87%

ource Luminous Flux g Luminous Flux aire Efficiency	1700×2lm 1478.7×2lm 87%	Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency	1700×2lm 1470.6×2lm 86.5%
H(m) 1 2 3 4000cd 30° 5	E(Ix) D(m) 38° 3887 0.70 971.8 1.41 431.9 2.12 243.0 2.83 155.5 3.54	60 H(m) 2 3 4 30 2500cd 30 5	E(Ix) D(m) 60° 2413 0.97 603.2 1.94 268.1 2.92 150.8 3.93 96.52 4.91

2x23W





60° 60° 30° 4000cd 30°	H(m) 1 2 3 4 5	3887 971.8 431.9 243.0 155.5	D(m) 38° 0.70 1.41 2.12 2.83 3.54	
Light Source Luminous	Flux	22	00×2lm	L
Lighting Luminous Flux		1684	.4×2lm	L
Luminaire Efficiency			76.6%	L



TRIMLESS SQUARE



Varros Trimless Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers















573lm



75x75 //////# -+*[77777777*77



Cut-out Size 75mm x 75mm Size 75mm x 75mm x 101mm

Luminaire Data

1-10V Step DALI Dimmer Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Dimming Method

359lm 5W 72lm/W <3 SDCM ≥ 90

L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) **PWM**

722lm 56W 28.9lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

355° Rotation Angle Tilt Angle 28°

17° / 24° / 38° / 60° * Beam Angle

IΡ 20 / 44

Accessories



Honeycomb



















Wide-angle Pearl Black

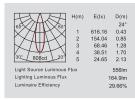


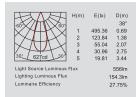


Photometrics







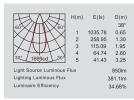




8W

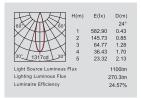


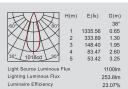


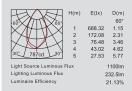


	H(m)	E(lx)	D(m)
60*************************************			60°
K XHHK XI	1	529.40	1.15
r XILLIX	2	132.35	2.31
K	3	58.82	3.46
30° 500ml 30°	4	33.09	4.62
30° 589cd 30°	5	21.18	5.77
Light Source Luminous I	Flux		850lm
Lighting Luminous Flux		1	73.7lm
Luminaire Efficiency		2	0.43%









^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



Varros Trimless Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step













COB LED



100x100 ///////# . -+|*[77777777*7]



Cut-out Size 100mm x 100mm Size 100mm x 100mm x 127mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Luminaire Information

Optional Reflector Colours

Dimming Method

Material

Tilt Angle

Beam Angle

Luminaire Finish

Rotation Angle

769lm 13W 59lm/W <3 SDCM ≥ 90

L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Aluminium + PC

17° / 24° / 38° / 50°

Black / White

355°

28°

* Note: CCT 2700K / 3000K / 4000K for all Wattage

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1422lm 18W 79lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

1385lm 23W 59lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Black / White / Pearl Black / Chrome / Gold

Accessories



























Pearl Black

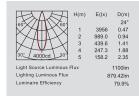


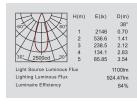


Photometrics



60	H(m) 1 2 3 4	5606 1401 622.9 350.4	D(m) 17° 0.34 0.69 1.04 1.39
30° 6000cd 30°	5	224.2	1.74
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 9.47lm 70%



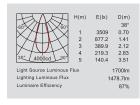


60 601 30 1500cd 301	H(m) 1 2 3 4 5	E(lx) 1293 323.2 143.6 80.80 51.71	D(m) 50° 0.97 1.94 2.92 3.89 4.87
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	Flux		1100lm 12.96lm 83%

18W

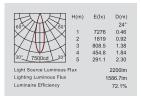


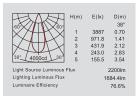
60° 60° 30° 6500cd 30°	H(m) 1 2 3 4 5	E(Ix) 6430 1607 714.4 401.8 257.2	D(m) 24° 0.46 0.93 1.41 1.86 2.33
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency			2.33 1700lm .14.6lm 83.2%

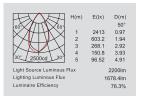


	H(m)	E(lx)	D(m)
60 777 607			50°
N XXXXX	1	2134	0.96
$Y \times Y \times Y$	2	533.4	1.92
KKKK	3	237.1	2.89
30° 2500cd 30°	4	133.4	3.85
30° 2500cd 30°	5	85.35	4.82
Light Source Luminous	Flux		1700lm
Lighting Luminous Flux		14	70.6lm
Luminaire Efficiency			86.5%











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Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers







Dimming





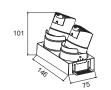




COB LED



*



Cut-out Size 146mm x 75mm Size 146mm x 75mm x 101mm

Luminaire Data

1-10V Step DALI Di Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

2 x 358.5lm 2 x 5W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h PWM

2 x 8W 72lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h

2 x 572.5lm

2 x 721.5lm 2 x 13W 56lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h PWM

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle 355° Tilt Angle 28°

8° / 12° / 17° / 24° / 38° / 60° * Beam Angle

CCT 2700K / 3000K / 4000K for all Wattage

* Note: 8° / 12° not available on the 13W luminaire

20 / 44 ΙP

Accessories













Narrow-angle Film







Wide-angle Honeycomb



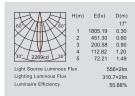


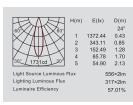




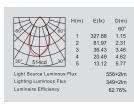
Photometrics

2x5W





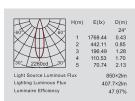
80° 1240cd 30°	H(m) 1 2 3 4	E(Ix) 942.13 235.53 104.68 58.88	D(m) 38° 0.69 1.38 2.07 2.75
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	5 Flux	361	3.44 56×2lm .4×2lm 55.00%



E(Ix)

2x8W

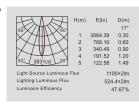


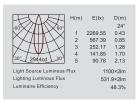


HAN A	H(m)	E(lx)	D(m)
60 7 7 7 60			38°
N XHHX XI	1	1225.26	0.69
	2	306.32	1.38
$\mathbb{K} / \mathbb{M} / \mathbb{M}$	3	136.14	2.07
V. 744.V	4	76.58	2.75
30° 1610cd 30°	5	49.01	3.44
Light Source Luminous F	Flux	85	50×2lm
Lighting Luminous Flux		458	.4×2lm
Luminaire Efficiency		5	3.93%



2x13W





60'	H(m)	E(Ix)	D(m) 38°	
	1	1553.42	0.69	
	2	388.36	1.38	
K M X	3	172.60	2.07	
30° 2007-4 30°	4	97.09	2.75	
30° 2097cd 30°	5	62.14	3.44	
Light Source Luminous F	Flux	110	00×2lm	
Lighting Luminous Flux		605	.8×2lm	
Luminaire Efficiency		5	5.07%	

^{0.1% - 100% (}DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method **PWM**



Varros Trimless Adjustable Tilt luminaires are designed to provide the proper lighting effect on an object or area and create the desired lighting ambience while blending into the overall look and feel of your ceiling. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers





DALI Dimmer



Dimming





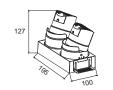




COB LED Adjustable



*



Cut-out Size 195mm x 75mm Size 195mm x 100mm x 127mm

Luminaire Data

Dimmer Control Control

Luminous Flux 2 x 769.5lm 2 x 1422.5lm 2 x 1384.5lm Connected Load 2 x 13W 2 x 18W 2 x 23W 59lm/W 79lm/W 60lm/W Luminaire Efficacy <3 SDCM <3 SDCM <3 SDCM Colour Deviation ≥ 90 Colour Rendition Index > 90 > 90 LED Lumen Maintenance L90 ≤ 50,000h L90 ≤ 50,000h L90 ≤ 50,000h Dimming Range 0.1% - 100% (DALI) 0.1% - 100% (DALI) 0.1% - 100% (DALI) Dimming Method **PWM PWM PWM**

Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Tilt Angle 28°

17° / 24° / 38° / 60° Beam Angle

* Note: CCT 2700K / 3000K / 4000K for all Wattage





Accessories

Striped glass

Woven glass

Honeycomb



Narrow-angle Film

Wide-angle Stretch Film



0

Pearl Black

White

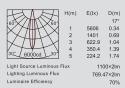




Photometrics

2x13W

2x18W



60 60°	H(m) 1 2 3 4 5	5606 1401 622.9 350.4 224.2	D(m) 17° 0.34 0.69 1.04 1.39
Light Source Luminous I Lighting Luminous Flux Luminaire Efficiency	lux		00×2lm 17×2lm 70%

E(lx) D(m) 17° 9049 0.34 2262 0.69 1005 1.04 565.5 1.39 361.9 1.74



Light Source Luminous Flux Lighting Luminous Flux

ire Efficiency

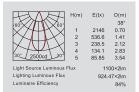
E(lx)

24° 0.47 0.94 1.41 1.88 2.35

1100l×2m

879.42×2lm 79.9%





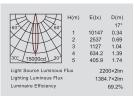
60	H(m) 1 2 3	3509 877.2 389.9 219.3	D(m) 38° 0.70 1.41 2.12 2.83
30° 4000cd 30°	5	140.4	3.51
Light Source Luminous Lighting Luminous Flux	Flux		00×2lm 3.7×2lm
Luminaire Efficiency			87%

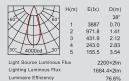
FLACE	H(m)	E(lx)	D(m)	
60°	1	3887	0.70	
\sim	2	971.8	1.41	
N MM N	3	431.9	2.12	
V	4	243.0	2.83	
30° 4000cd 30°	5	155.5	3.54	
Light Source Luminous	Flux	22	00×2lm	
Lighting Luminous Flux		1684	.4×2lm	
Landa de Fille de Landa				

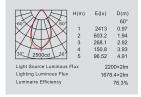


30° 2500cd 30°	H(m) 1 2 3 4 5	2134 533.4 237.1 133.4 85.35	D(m) 60° 0.96 1.92 2.89 3.85 4.82
Light Source Luminous Lighting Luminous Flux Luminaire Efficiency	-	17	00×2lm 0.6×2lm 86.5%









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SURFACE MOUNT & SUSPENDED



VRSM3

Varros Surface Mount luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step





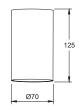






610lm





Ø70mm x 125mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range Dimming Method

468lm 5W 94lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

8W 76lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

13W 64lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

834lm

Luminaire Information -verify data

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° * Beam Angle

20 / 44

Accessories -verify













Woven glass



Narrow-angle Film



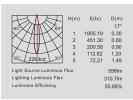


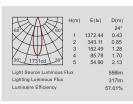


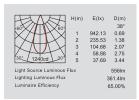
Wide-angle Film



Photometrics -data needed

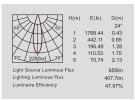


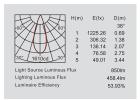




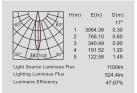








13W





	H(m)	E(Ix)	D(m)
600			38°
XXXX	1	1553.42	0.69
rx/IIX1	2	388.36	1.38
N MM N	3	172.60	2.07
VYYYV	4	97.09	2.75
30° 2097cd 30°	5	62.14	3.44
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		6	05.8lm
Luminaire Efficiency		5	5.07%

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRSM4

Varros Surface Mount luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step





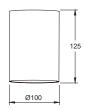






1278lm





Ø100mm x 125mm

Dimmer Control Control

Luminaire Data

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance

Dimming Range Dimming Method

791lm 13W 61lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

18W 71lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

23W 58lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

1329lm

Accessories



















E(lx)

850lm 445.8lm 52.44%





Wide-angle Film





Luminaire Information

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

17° / 24° / 38° / 60° * Beam Angle

20 / 44

Photometrics -need data

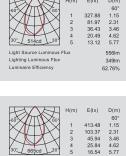












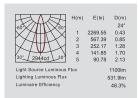
Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency

23W

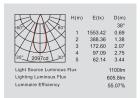
18W



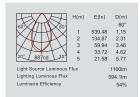
Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency



Light Source Luminous Lighting Luminous Flux Luminaire Efficiency



Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency



^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRSU3

Varros Suspended luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step







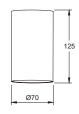




610lm

8W





Ø70mm x 125mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance Dimming Range

Dimming Method

468lm 5W 94lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI)

PWM

76lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

13W 64lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

834lm

Accessories -verify





















Wide-angle Film











Luminaire Information -verify data

Material Aluminium + PC Luminaire Finish Black / White

Optional Reflector Colours Black / White / Pearl Black / Chrome / Gold

Rotation Angle Fixed Tilt Angle Fixed

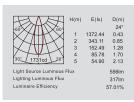
17° / 24° / 38° * Beam Angle

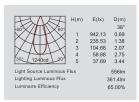
20 / 44

Photometrics -provide data



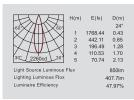


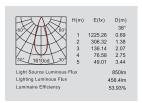






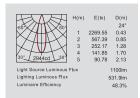












	H(m)	E(Ix)	D(m)
600			38°
XXXX	1	1553.42	0.69
rx/IIX1	2	388.36	1.38
N MM N	3	172.60	2.07
VYYYV	4	97.09	2.75
30° 2097cd 30°	5	62.14	3.44
Light Source Luminous	Flux		1100lm
Lighting Luminous Flux		6	05.8lm
Luminaire Efficiency		5	5.07%

^{*} Note: CCT 2700K / 3000K / 4000K for all Wattage



VRSU4

Varros Suspended luminaires are designed to provide a comfortable and elegant lighting ambience suitable for a wide variety of applications. A wide choice of beam angles and accessories is also available for greater lighting variety. Varros luminaires are also robust and designed for lasting performance.

Application: Hotels/Offices/Schools/Museums/Libraries/Galleries/Convention Centers



1-10V Step



DALI Dimmer



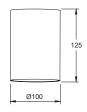












Ø100mm x 125mm

Luminaire Data

Dimmer Control Control

Luminous Flux Connected Load Luminaire Efficacy Colour Deviation Colour Rendition Index LED Lumen Maintenance

Dimming Range Dimming Method

Material

Tilt Angle

Beam Angle

Luminaire Finish

Rotation Angle

Optional Reflector Colours

791lm 13W 61lm/W <3 SDCM ≥ 90

L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

Aluminium + PC

17° / 24° / 38° / 60° *

Black / White

Fixed

20 / 44

1278lm 18W 71lm/W <3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

<3 SDCM ≥ 90 L90 ≤ 50,000h 0.1% - 100% (DALI) PWM

1329lm

58lm/W

23W

Accessories -to verify















Woven glass



Narrow-angle Film



Wide-angle Film





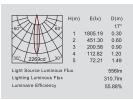


* Note: CCT 2700K / 3000K / 4000K for all Wattage

Photometrics -data needed

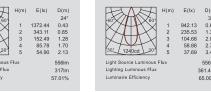
Luminaire Information -to verify

13W





Black / White / Pearl Black / Chrome / Gold





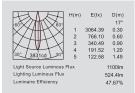
18W

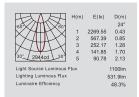
60 60° 60° 30° 2933cd 30° 2933cd 30° 2933cd 30° 30° 30° 30° 30° 30° 30° 30° 30° 30°	H(m) 1 2 3 4 5	E(Ix) 2346.80 586.70 260.76 146.68 93.87	D(m) 17° 0.32 0.63 0.95 1.27	
Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency	-		850lm 97.4lm 46.7%	

HAM	H(m)	E(lx)	D(m)
60 2 60			24°
N XHHX XI	1	1768.44	0.43
ry/III/X1	2	442.11	0.85
$\kappa m x$	3	196.49	1.28
VYYY	4	110.53	1.70
30° 2260cd 30°	5	70.74	2.13
Light Source Luminous	Flux		850lm
Lighting Luminous Flux		4	07.7lm
Luminaire Efficiency		4	17.97%











60° 60° 887cd 30°	H(m) 1 2 3 4 5	E(Ix) 539.48 134.87 59.94 33.72 21.58	D(m) 60° 1.15 2.31 3.46 4.62 5.77
Light Source Luminous Flux Lighting Luminous Flux Luminaire Efficiency			94.1lm 54%





Singapore Head Office & Sales

Davex Singapore Pte Ltd

Blk 512 Chai Chee Lane #02-01 Singapore 469028

Phone: +65 6745 2511 Fax: +65 6745 5828

E-mail: singapore@davislighting.com

Malaysia Head Office & Sales

Davex (Malaysia) Sdn Bhd (114942-X)

65 , Jalan PJS11/7, Bandar Sunway, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia

Phone: +60 (3) 5636 4348 Fax: +60 (3) 5636 4352

E-mail: malaysia@davislighting.com

Australia Head Office & Sales

Davex Australia Pty Ltd

123 Gardens Drive Willawong, QLD 4110

Phone: +61 (7) 3712 8988

Fax: +61 (7) 3272 8988

E-mail: australia@davislighting.com

Factory

Davex Engineering (M) Sdn Bhd (109335-T)

Plot 32 Lorong Perusahaan Maju 8 Bukit Tengah Industrial Park 13600 Prai Penang, Malaysia

Phone: +60 (4) 507 0517 Fax: +60 (4) 507 8786

E-mail: enquiry@davislighting.com