

Nussa - NUD

Commercial Lighting / High Performance Troffer



DAVIS LIGHTING

Features

Recessed mounted high performance diffused luminaire
Low glare Micro Prism diffuser
Steel body with white powdercoat finish
Flicker free and uniform illumination to ensure maximum lighting comfort
Customisable lumen output and system power
Smart system ready - DALI DT6 and DT8 Tunable White options available
Complies with J6 and UGR19*
CRI >90 as standard
COI compliant
Seismic restraint capable



Applications

Office
Boardroom
Reception
Healthcare and Medical
Education

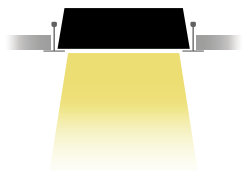
Options

Air Handling
DALI DT6 and DT8
Tunable White
Customizable size
Motion sensor & daylight harvesting

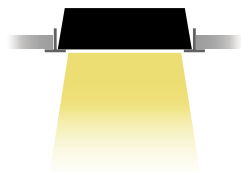
Standards

Manufactured under ISO 9001:2015 to standards
IEC/AS/NZS 60598.1
IEC/AS/NZS 60598.2.1
IEC/AS/NZS 60598.2.2
IEC/AS/NZS CISPR 15

Mounting Methods



T-Bar Lay-in



Plaster Recessed
-with plaster frame



SELV

* Based on typical office simulation

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Product Code Key

Model	Nominal Size	Power	-	Air Handling	CRI & Colour Temp.	Dimming
NUD	2 = 600x300mm	10 = 10W		A10 = Side Air	R83 = CRI>80, 3000K	D10 = DALI
	M2 = 600x400mm	15 = 15W		A21 = Concealed Air	R84 = CRI>80, 4000K	
	4 = 1200x300mm	20 = 20W			R93 = CRI>90, 3000K	
	M4 = 1200x400mm	25 = 25W			R94 = CRI>90, 4000K	
		30 = 30W				
		35 = 35W				
		40 = 40W				
	W2 = 600x600mm	20 = 20W				
		25 = 25W				
		30 = 30W				
		35 = 35W				
	W4 = 1200x600mm	20 = 20W			Side air handling available only for NUDW2, NUDW4, NUDM2, NUDM4	
25 = 25W						
30 = 30W						
35 = 35W						
		40 = 40W		Omit for standard non air handling		Omit for standard non dimmable

e.g. NUD420-R84D10 = NUD 1200x300mm, 20W, CRI>80, 4000K, DALI

Model Number Example

Model code: NUD420-R94D10

Model Number	NUD	4	20	-	R94	D10
Description	Nussa	1200x300mm	20W	-	CRI>90, 4000K	DALI

Model code: NUDW230-A10R94

Model Number	NUD	W2	30	-	A10	R94
Description	Nussa	600x600mm	30W	-	Side Air Handling	CRI>90, 4000K



Specifications

Base Model	NUD/ NUDM420	NUD/ NUDM425	NUD/ NUDM430	NUD/ NUDM435	NUD/ NUDM440
Nominal Power (W)	20	25	30	35	40
Input Voltage	220 - 240 VAC 50 / 60 Hz				
Luminaire Flux (lm)*	2042	2221	2413	2633	3071
Luminaire Efficacy (lm/W)*	89	90	80	80	79
CRI	>90 (>80 optional)				
Power Factor	> 0.90				
Colour Temp. (K)	3000 / 4000				
Luminaire Rated Life (hrs)	> 50,000				
UGR	< 19 **				
SDCM	< 3				
Operating Temp. (°C)	-20 to +35				
Weight (kg)	4.1				

Base Model	NUD / NUDM210	NUD / NUDM215
Nominal Power (W)	10	15
Input Voltage	220 - 240 VAC 50 / 60 Hz	
Luminaire Flux (lm)*	772	1111
Luminaire Efficacy (lm/W)*	66	69
CRI	>90 (>80 optional)	
Power Factor	> 0.90	
Colour Temp. (K)	3000 / 4000	
Luminaire Rated Life (hrs)	> 50,000	
UGR	< 19 **	
SDCM	< 3	
Operating Temp. (°C)	-20 to +35	
Weight (kg)	2.0	

Base Model	NUDW220	NUDW225	NUDW230	NUDW235
Nominal Power (W)	20	25	30	35
Input Voltage	220 - 240 VAC 50 / 60 Hz			
Luminaire Flux (lm)*	1864	1995	2458	2680
Luminaire Efficacy (lm/W)*	78	78	79	79
CRI	>90 (>80 optional)			
Power Factor	> 0.90			
Colour Temp. (K)	3000 / 4000			
Luminaire Rated Life (hrs)	> 50,000			
UGR	< 19 **			
SDCM	< 3			
Operating Temp. (°C)	-20 to +35			
Weight (kg)	3.1			

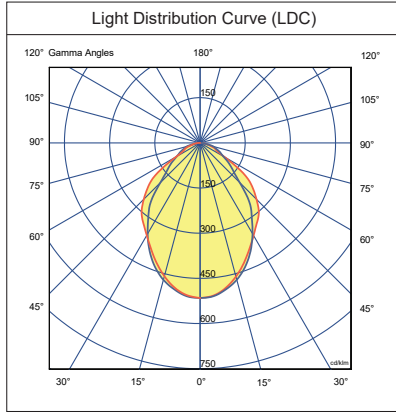
*Specifications shown for 4000K

More output option available, please contact nearest sales office for more information

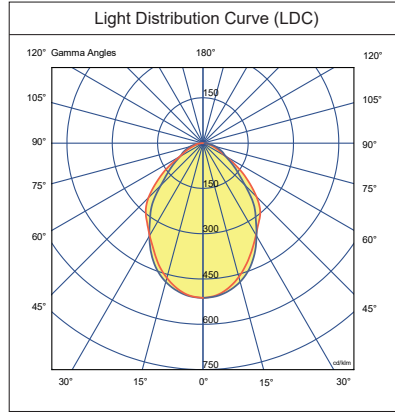


Lighting Data

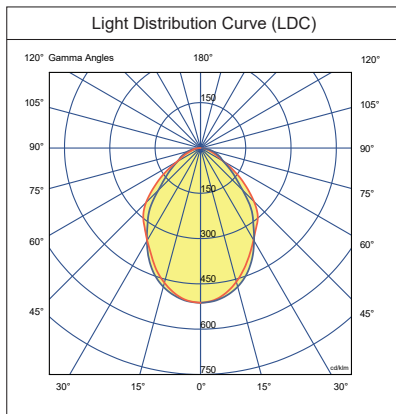
NUD215



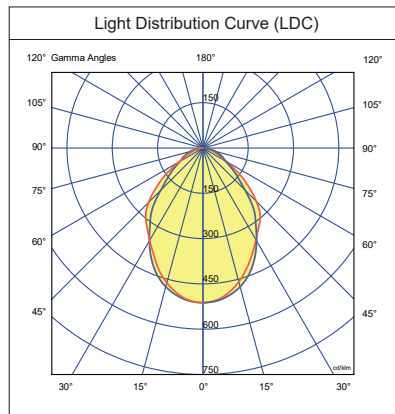
NUD430



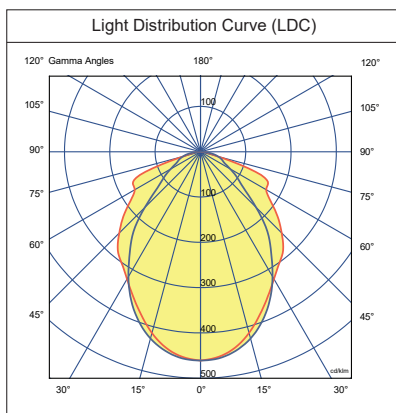
NUDM215



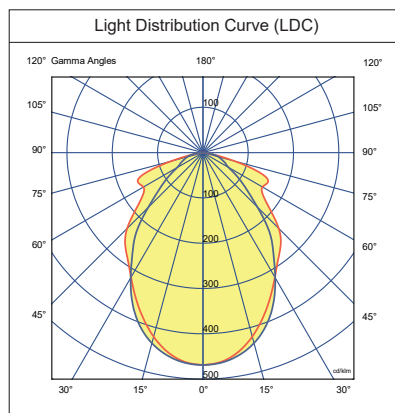
NUDM430



NUDW230



NUDW430



IES files available

Nussa - NUD

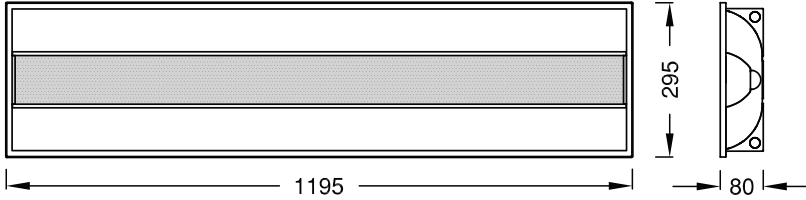
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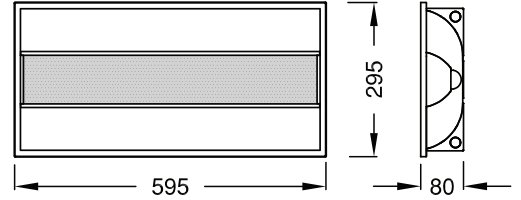
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Dimensions

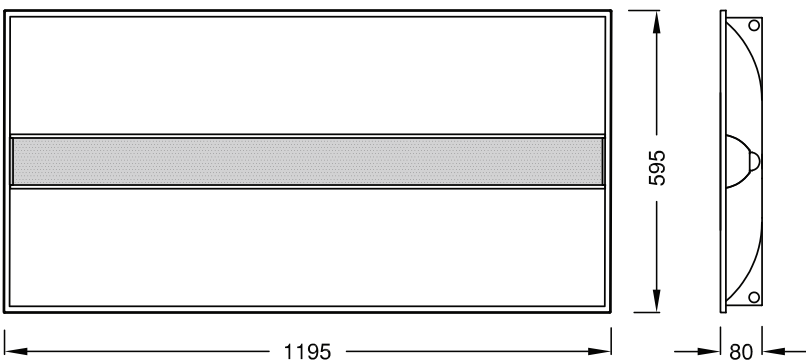
NUD4 - 1200x300 mm



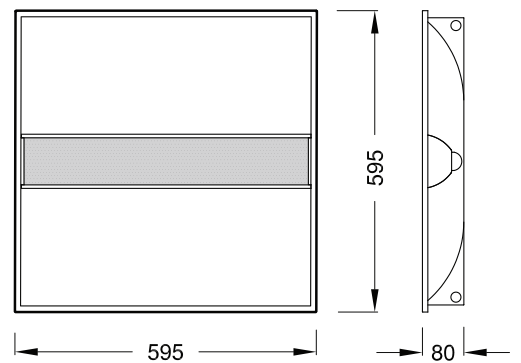
NUD2 - 600x300 mm



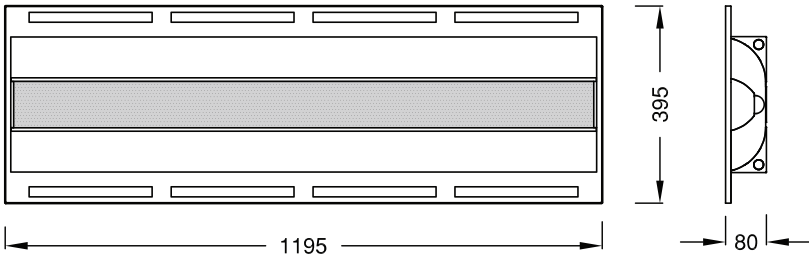
NUDW4 - 1200x600 mm



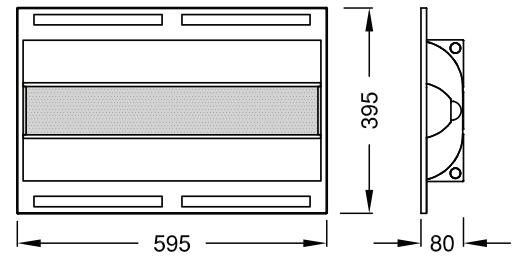
NUDW2 - 600x600 mm



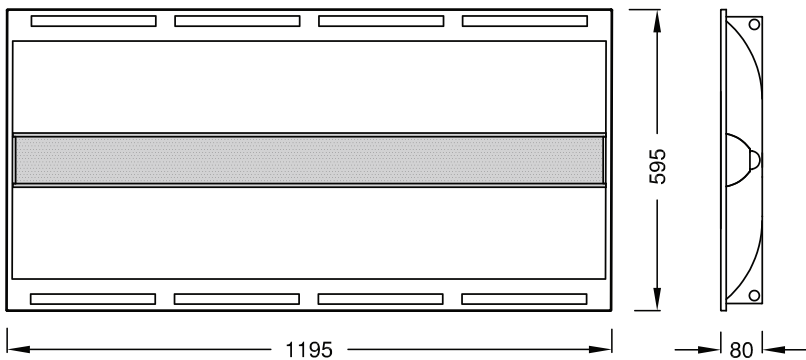
NUDM4 (Air Handling) - 1200x400 mm



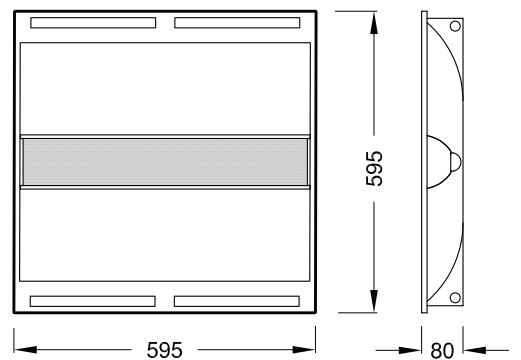
NUDM2 (Air Handling) - 600x400 mm



NUDW4 (Air Handling) - 1200x600 mm



NUDW2 (Air Handling) - 600x600 mm



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All photometric and electrical data published are of $\pm 10\%$ tolerance. Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a suitably qualified person. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.

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