



DAVISLIGHTING

Weatherproof Batten Range





BIKES

NON-FIABLE WATER

DIESEL

WALC 148

Understanding Market Needs

Davis Lighting is proud of its long history of providing quality weatherproof luminaires. The Wyplash, Wynyard and TuffLED ranges represent the latest in innovative product design, tailored to meet our customers' specific requirements while maintaining flexibility and room for expansion.

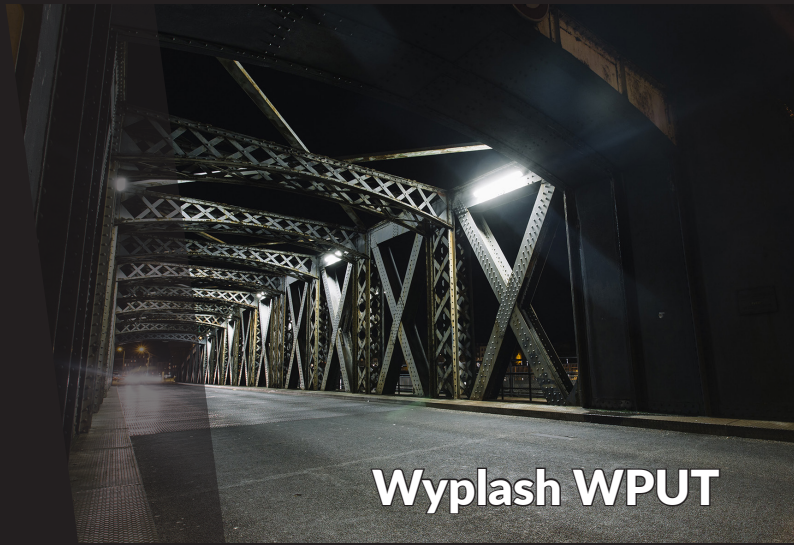
Construction is the key to product longevity and to this end Davis Lighting employs materials and construction that meet specific application requirements. The Wynyard range is made with a die-cast marine grade aluminium whilst the Wyplash and TuffLED ranges are made using UV-resistant polycarbonate bodies along with UV-resistant opalised polycarbonate diffusers for maximum protection.

High quality energy-efficient drivers and LED systems ensure on-going reliability and longevity.

Most Wynyard and Wyplash luminaires also offer dimming, emergency and / or sensor options which allows for greater versatility during the design stage, as well as increased benefit and functionality for the end-user.



Wyplash WPB



Wyplash WPUT



Wynyard WYN



TuffLED TLO

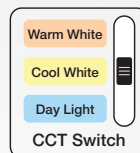


Wyplash WPB



Power Switching

All models feature four selectable power ratings, allowing for easy installation and cost savings



CCT Switching

All models can be set to one of three colour temperatures to suit a range of environments



Motion Sensor

Multi-function microwave sensor for a variety of working conditions



Emergency

High quality LiFePO4 battery providing a minimum of 3 hours backup



Environment

High resistance to the elements in the heaviest of wet and dusty conditions



Protection

High impact resistance ideal for use in security and hazardous applications



Rated Life

50,000 hr driver and LED system to ensure continued reliability and performance (L70B50)



Reliability

Product confidence that comes from years of experience servicing the lighting industry

Applications



Corridors, walkways



Factories, warehouses



Car parks



Security areas



Stairwells

Additional Features

- » High efficacy - >120 lm/W
- » Durable polycarbonate body and opalised diffuser
- » Stainless steel diffuser toggles
- » Stainless steel mounting brackets (adjustable $\pm 30\text{mm}$)
- » Microwave sensor option (motion, daylight, on/off)
- » Maintained emergency option
- » Light weight design
- » Suitable for surface or pendant mounting

Emergency Models

- » AS/NZS 2293.3 compliant
- » Classification C0: D80 / C90: D50
- » Battery Type: LiFePO4 6.4 V 3200 mAh
- » Discharge Duration: 2 hr
- » Charge Duration: 24 hr

Specifications

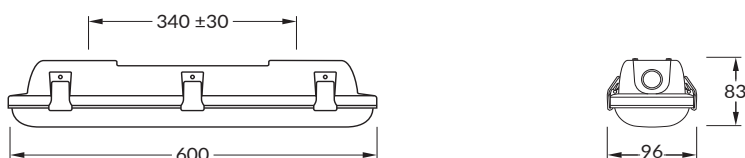
Model	WPB1020CTP-x				WPB2040CTP-x			
Power Switchable (W)	10	14	17	20	20	28	34	40
Input Voltage	220 - 240 VAC 50/60 Hz							
Luminaire Flux (lm)*	1300	1800	2100	2400	2600	3600	4200	4900
Luminaire Efficacy (lm/W)*	130	128	124	120	130	128	124	123
CCT Switchable (K)	3000K + 4000K + 6500K							
CRI	> 80							
Power Factor	> 0.90							
Luminaire Rated Life (hr)	50,000							
Operating Temp (°C)	-20 to +40							
Weight (kg)	0.90				1.60			
Available Options (x)**	Sensor - S26				Sensor - S26 Emergency - E1 Emergency + Sensor - E1S26			

* Specifications shown for 4000K

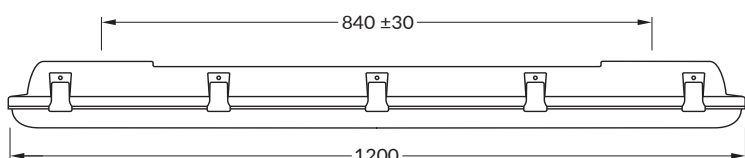
** Omit if not required

Dimensions

WPB1020CTP

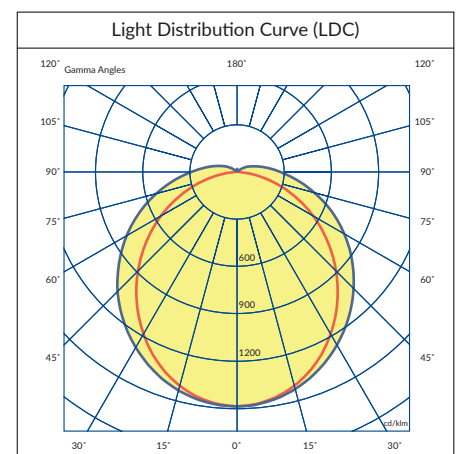


WPB2040CTP



Lighting Data

WPB2040CTP





Wyplash WPUT



Motion Sensor

Integrated corridor function sensor; programmable via optional remote for applications requiring greater control



Environment

High resistance to the elements in the heaviest of wet and dusty conditions



Protection

High impact resistance ideal for use in security and hazardous applications



Safety

Product design greatly reduces the risk of electric shock during operation and maintenance



Emergency

High quality LiFePO4 battery providing a minimum of 3 hours backup



Dimming

DALI-2 dimming provides improved performance and greater control



Rated Life

50,000 hr driver and LED system to ensure continued reliability and performance (L70B50)



Reliability

Product confidence that comes from years of experience servicing the lighting industry

Applications



Stairwells



Car parks



Plant rooms



Factories, warehouses



Security areas



Building surrounds

Additional Features

- » IPART / VEET approved
- » High efficacy - >120 lm/W
- » Robust polycarbonate body and opalised diffuser
- » Easy release stainless steel diffuser toggles
- » Stainless steel mounting brackets
- » Corridor function microwave sensor option (motion, day-light, dimming, on/off)
- » Maintained emergency option
- » Light weight design
- » Suitable for surface or pendant mounting

Emergency Models

- » AS/NZS 2293.3 compliant
- » Classification C0: D63 / C90: D32
- » Battery Type: LiFePO4 6.4 V 1600 mAh
- » Discharge Duration: 2 hr
- » Charge Duration: 24 hr

Specifications

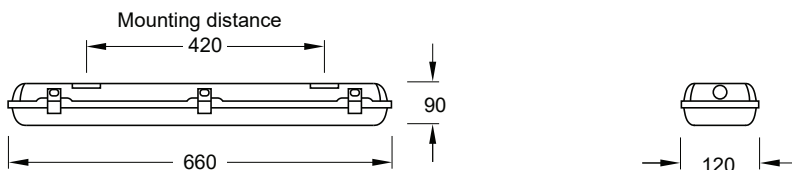
Model	WPUT220-R85x	WPUT420-R85	WPUT435-R85
Nominal Power (W)	18	18	35
Input Voltage	220 - 240 VAC 50/60 Hz		
Luminous Flux (lm)	2070	2510	4415
Efficacy (lm/W)	121	127	125
CRI	>80		
Power Factor	>0.95		
Colour Temp. (K)	5000		
LED Life L70B50 (hr)	50,000		
Ambient Temp. (°C)	35		
Weight (kg)	1.4	2.4	2.4
Available Options (x)**	DALI2 = D14* Sensor - S25	DALI2 = D14* Sensor - S25 Emergency - E1 Emergency + Sensor - E1S25	DALI2 = D14* Sensor - S25 Emergency - E1 Emergency + Sensor - E1S25

* WPUT emergency / sensor / emergency + sensor are not available in DALI-2

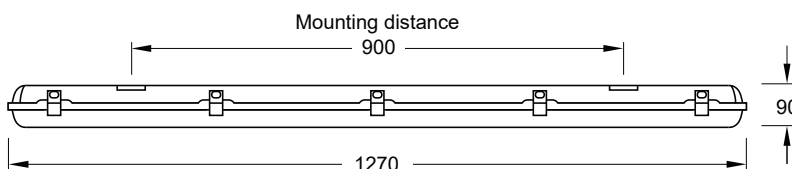
** Omit if not required

Dimensions

WPUT2xx

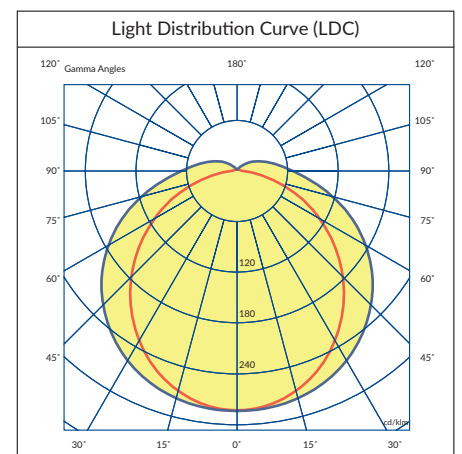


WPUT4xx



Lighting Data

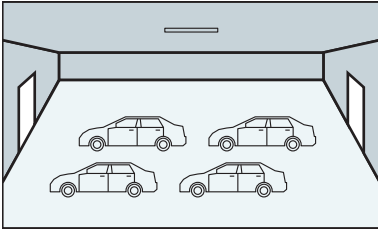
WPUT435



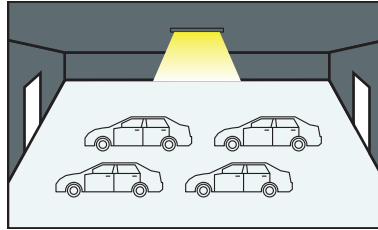
Sensor Capabilities

Wyplash WPUT offers a corridor function sensor option, enabling for greater sensor capabilities to suit a wide range of applications and requirements.

1. On / Off Function (stand-by period set to "0s")



1 In sufficient ambient light, the luminaire will not be switched on even if motion is detected.

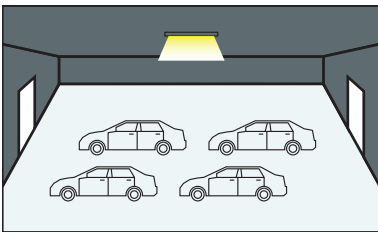


2 If ambient light is insufficient, the sensor switches on the luminaire when motion is detected.

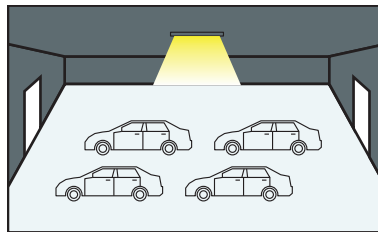


3 After the elapsed Hold Time, the sensor switches off the luminaire if no further motion is detected.

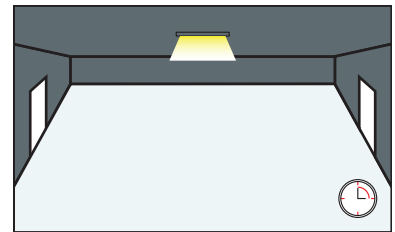
2. 2-step Dimming Function (stand-by period set to "+∞")



1 Even when no motion is detected, the luminaire will remain at a preset dimmed level.

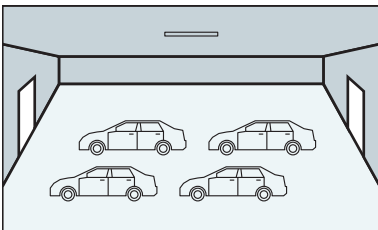


2 When motion is detected, the sensor will switch the luminaire to 100% brightness.

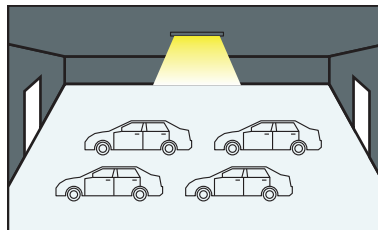


3 After the elapsed Hold Time, the sensor returns the luminaire to the preset dimmed level if no further motion is detected.

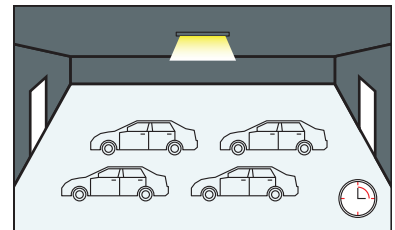
3. 3-step Dimming Function (stand-by period set to "10s/30s/1min/3min/5min/10min/20min/30min")



1 In sufficient ambient light, the luminaire will not be switched on even if motion is detected.



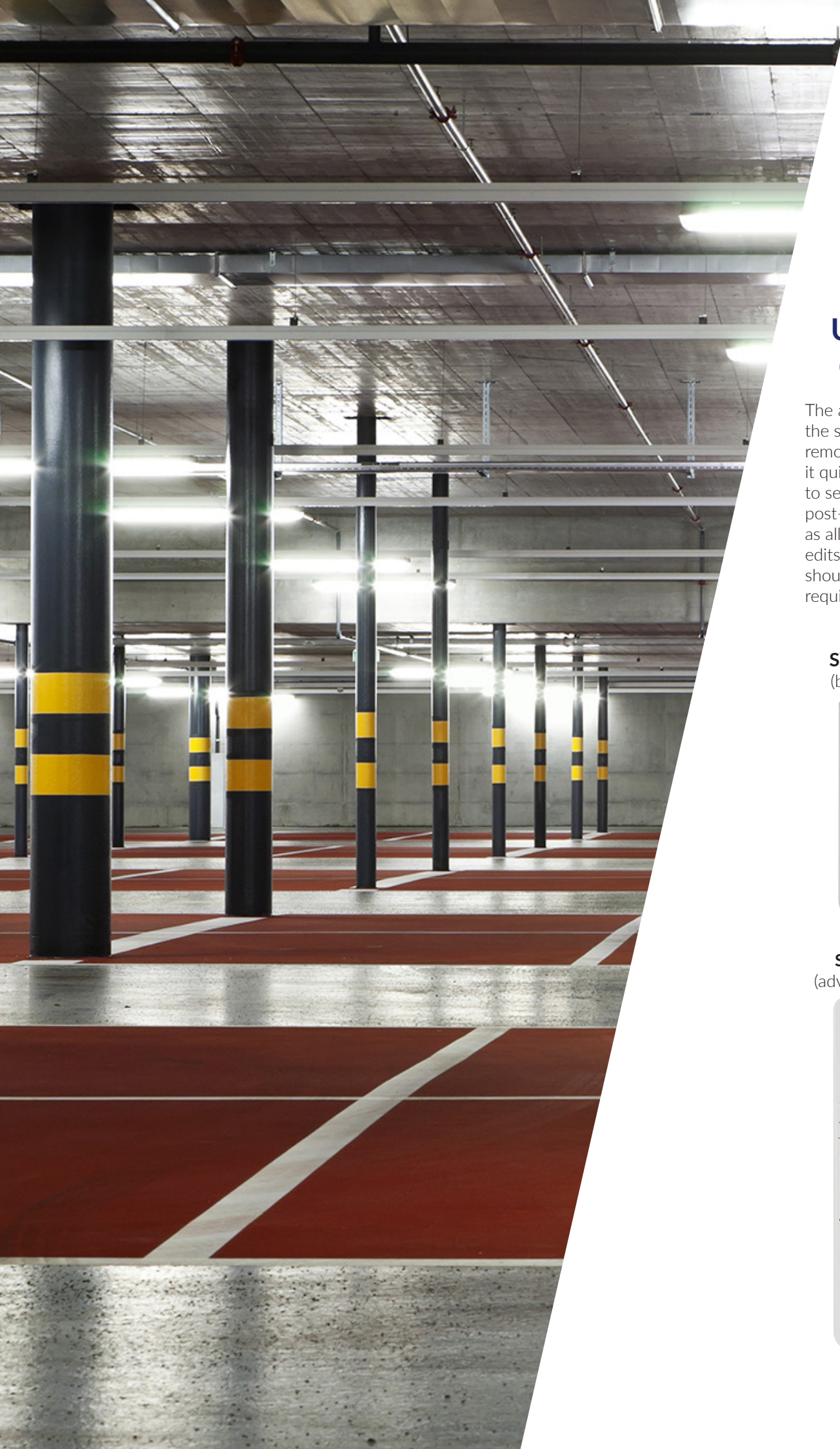
2 If ambient light is insufficient, the sensor switches on the luminaire when motion is detected.



3 After the elapsed Hold Time, the sensor dims the luminaire to a low light level if no new motion is detected.



4 After the elapsed Standby Time, the sensor switches off the luminaire if no further motion is detected.



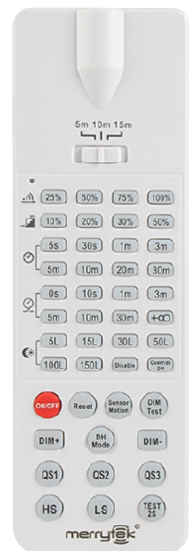
Ultimate Control

The ability to program the sensor using a remote control makes it quick and easy to set parameters post-install, as well as allowing for future edits to be made should application requirements change.

SW-R0208-00
(basic functions)



SW-R0210-00
(advanced functions)





Wynyard WYN/WYNS



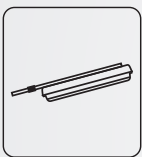
Environment

High resistance to the elements in the heaviest of wet and dusty conditions



Protection

High impact resistance ideal for use in security and hazardous applications



Mounting

Numerous options including ceiling mount, angled mount and single-pipe mount



Safety

Product design greatly reduces the risk of electric shock during operation and maintenance



OPTIONAL

Dimming

DALI dimming allows for an even greater range of installation applications



OPTIONAL

Emergency

High quality LiFePO4 battery providing a minimum of 3 hours backup



Rated Life

50,000 hr driver and LED system to ensure continued reliability and performance (L70B50)



Reliability

Product confidence that comes from years of experience servicing the lighting industry

Applications



Correctional facilities



Railway stations



Subways



Plant rooms



Undercover car parks

Additional Features

- » High efficacy - >120 lm/W
- » Marine-grade aluminium body and opalised PC diffuser
- » Standard and slim profile designs
- » Security screws
- » One-piece gasket to maintain the integrity of the IP rating
- » Dual cable entry
- » Maintained emergency option
- » Suitable a range of mounting methods

Emergency Models

- » AS/NZS 2293.3 compliant
- » Classification C0: D63 / C90: D32
- » Battery Type: LiFePO4 6.4 V 1500 mAh
- » Discharge Duration: 2 hr
- » Charge Duration: 24 hr

Specifications

Model	WYN220-xy	WYN445-xy	WYNS220-xy	WYNS435-xy
Nominal Power (W)	24	46	24	35
Input Voltage	90 - 240 VAC 50/60 Hz			
Luminous Flux (lm)*	2426	5514	2313	4073
Efficacy (lm/W)*	124	121	120	116
CRI	>80			
Power Factor	>0.95			
Colour Temp. (K)	3000 / 4000 / 6500			
LED Life L70B50 (hr)	50,000			
Operating Temp. (°C)	-25 to +40			
Weight (kg)	3.2	5.0	3.0	5.0
Available Options (y)**	DALI = D10	DALI = D10 Emergency - E1	DALI = D10	DALI = D10 Emergency - E1

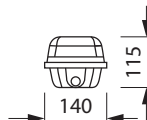
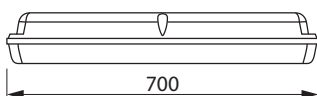
"x" denotes CRI & CCT: R83 = CRI>80, 3000K; R84 = CRI>80, 4000K; R87 = CRI>80, 6500K

* Specifications shown for 4000K

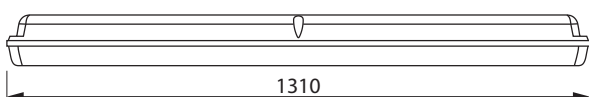
** Omit if not required

Dimensions

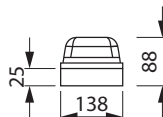
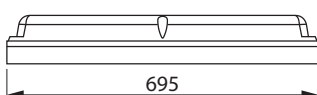
WYN220



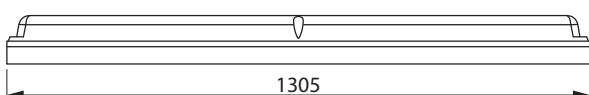
WYN445



WYNS220

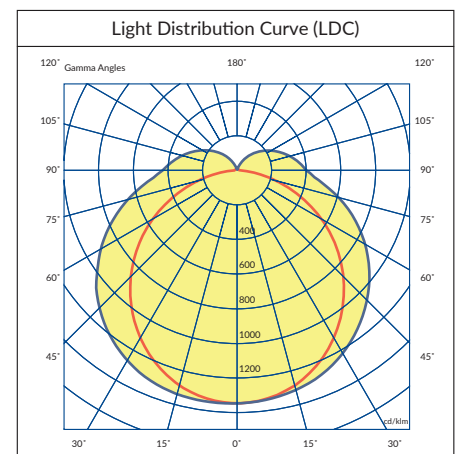


WYNS435



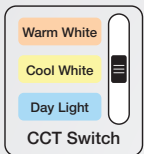
Lighting Data

WYN445





TuffLED TLO



CCT Switching

Select from one of three colour temperatures **OR** a fixed CCT for dedicated applications



Environment

High resistance to the elements in the heaviest of wet and dusty conditions



Protection

High impact resistance ideal for use in security and hazardous applications



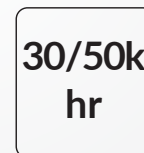
Insect-proof

One-piece moulded expanded polyurethane gasket to keep the luminaire bug-free



UV Resistant

UV stabilised polycarbonate body and polycarbonate opal diffuser



Rated Life

Long-life driver and LED system to ensure continued reliability and performance (L70B50)
TLO 50k hr TLO CT 30k hr



Reliability

Product confidence that comes from years of experience servicing the lighting industry
TLO 5yr TLO CT 3yr

Applications



Corridors, walkways



Stairwells



Car parks



Security areas

Additional Features

- » Durable polycarbonate body and opal diffuser
- » Choice of fixed or switchable CCTs
- » Light weight design
- » White powdercoated metal gear tray
- » Suitable for direct surface mounting

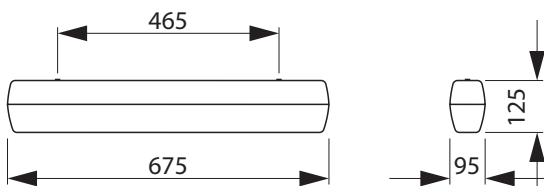
Specifications

Model	TLO210RBLxK	TLO220RBLxK	TLO220CT		
Power Switchable (W)	10	20	20		
Input Voltage	220 - 240 VAC 50/60 Hz				
Luminaire Flux (lm)*	560	1050	1053	1179	1119
Luminaire Efficacy (lm/W)*	56	53	60	69	63
CCT Mode	Fixed		Adjustable		
CCT (K)	3000K / 4000K / 6500K		3000	4000	6500
CRI	> 80				
Power Factor	> 0.90				
Luminaire Rated Life (hr)	50,000		30,000		
Ambient Temp. ta (°C)	35				
Weight (kg)	1.26				

* Fixed CCT specifications shown for 4000K

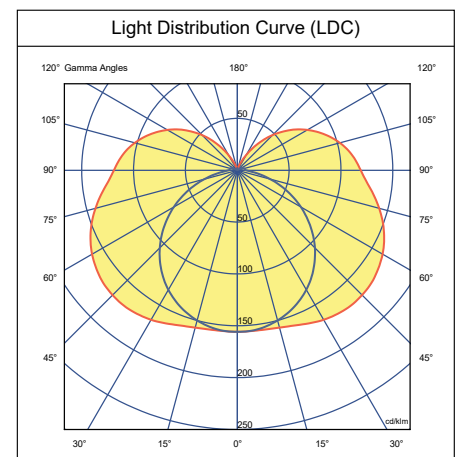
"x" denotes CCT: 3 = 3000K; 4 = 4000K; 6 = 6500K

Dimensions



Lighting Data

TLO210RBL4K





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