



# Pacific LED Gen5 Value

## WT475C 107S/840 SIA WB IA9 L1800

Pacific LED Gen5 Value, Waterproof, 82 W, L1800 mm, 10700 lm, 4000 K, Wireless, Interact Ready, Wide beam, Clear, IA9, IP66, IK08

Waterproof, L1800 mm, Polycarbonate, White, Sensor ready driver Interact System ready, InterAct SC100 sensor, 10700 lm, 82 W, 131 lm/W, 4000 K, (0.38, 0.38) SDCM <3, Wide beam, Clear, Polycarbonate, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Push-in connector 3-pole

### Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof seal and IP66 rating
- Do not install the luminaire in locations where it will be exposed to direct sunlight

### Product data

General Information		Operating and Electrical	
Light source replaceable	Yes	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	131 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	840 neutral white
Lighting Technology	LED	Optic type	Wide beam
Value ladder	Specification	Luminaire light beam spread	93° x 93°
Warranty period	5 years	Unified glare rating CEN	22
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	10,700 lm	Line Frequency	50 to 60 Hz

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Inrush current	4.5 A
Inrush time	1 ms
Power Consumption	82 W
Power Factor (Fraction)	0.99
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	18
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No
DALI Standard	DALI-2™ D4i™
Connectivity	Interact Ready
Embedded control	InterAct SC100 sensor

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,810 mm
Overall width	96 mm
Overall height	68 mm
Dimensions (Height x Width x Depth)	68 x 96 x 1810 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	3.160 kg

### Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Ambient temperature range	-25 to +45 °C
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### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-11%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

### Sustainability Data

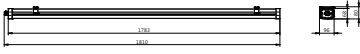
Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	31.5 kg CO <sub>2</sub> e
Product non-virgin material ratio	20.3 %
Recyclable content ratio of the finished product	62 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kWh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kWh)

### Product Data

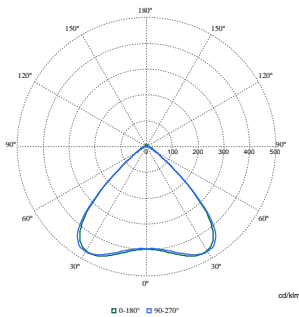
Order product name	WT475C 107S/840 SIA WB IA9 L1800
Full product name	WT475C 107S/840 SIA WB IA9 L1800
Full product code	871951462776500
Order code	910925868716
Material Nr. (12NC)	910925868716
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514627765
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514627765
Product family code	WT475C [Pacific LED gen5 Value]

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - WT475CI - 910925868716

