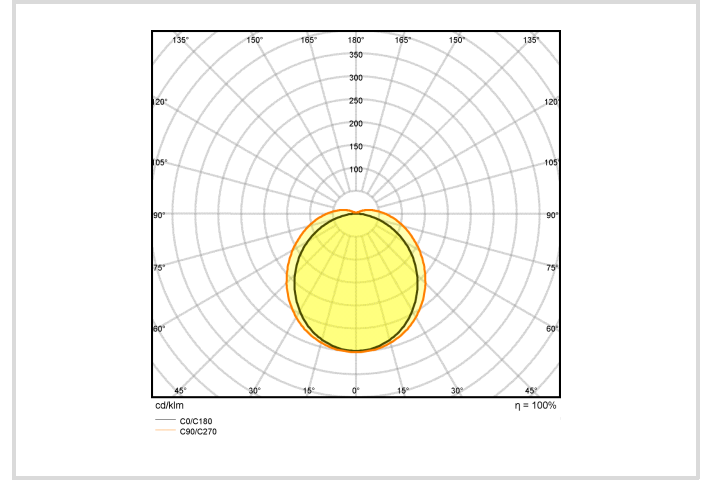


# LED luminaire for humid environment

## LED DAMPPROOF 600 18W/6500K IP65

# Radium

Product Datasheet Date: 05.04.2026



A+



6500K

## General Data

Article No.	DAPA1780
Code	LED DAMPPROOF 600 18W/6500K IP65
Product EAN	4003556005877
Box quantity (pcs.)	8
EAN Box	4003556405875
Gross weight of box in kg	6.848
Length of box in m	0.64
Width of box in m	0.2
Height of box in m	0.3
Product weight	700 g
Product status	<span style="color: red;">●</span> Inactive

## Electric Parameters

Max. system power	18.0 W
Power factor	≥ 0.9
Nominal voltage	220-240 V
Voltage type	AC
Nominal current (mA)	78 mA

## Electric Parameters

Inrush current	25,2 A
Mains frequency	50 ... 60 Hz
dimnable	No

## Light Application Parameters

Luminous flux	1500 lm
Rated luminous flux according to IEC 62722-2-1	1500 lm
Beam angle	115 °
Efficacy	83 lm/W
Colour of light	White
Code of light color	865
Color temperature	6500 K
Colour rendering index CRI	80-89
Color Stability	≤ 5 sdcn
Light sharing	Symmetric
With light sensor	No

## Service Life

Mean service life	30000 h
Lifetime L70B50	30000 h
No. switching cycles	≥100000

## Specification

Energylabel (E -> A++)	A+
Length	590 mm
Length	590 mm
Height	66 mm
Width	86 mm
Material	PC
Impact strength	IK06
Photobiological safety according to EN 62471	RG0
With light source	Yes

## Notes on Operation

Degree of protection (IP)	IP65
Max. number of luminaires per B10 circuit breaker	97
Max. number of luminaires per B16 circuit breaker	156

## Notes on Operation

Max. number of luminaires per C16 circuit breaker	156
Permissible storage temperature	-20...+80 °C
Ambient temperatures	-15...+45°C
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24	No
Glow wire test	650 °C - 30s
Mounting type	Surface mounting
Type of control gear	LED operating device current-controlled
With light sensor	No
With movement sensor	No
Suitable for emergency lighting	No

## Information especially for EPREL

Mains/Non mains connectable	MLS
Flickering value Pst LM	1
Stroboscope effect value SVM	0.4

## Notes

Robust, classic design for humid or dusty environment. Simple mounting, very homogeneous light with wide beam angle, non-dim.

Please, refer to [www.radium.de/recycling](http://www.radium.de/recycling) for notes on disposal of burned-out lamps as well as lamp breakage.

The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

The optimal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

### Special features



### General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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All technical data without guarantee.