



4000K

## General Data

Article No.	FLLA1911
Kod	LED FLOODLIGHT 20W/4000K BK IP65
Product EAN	4003556006188
Box quantity (pcs.)	12
EAN Box	4003556406186
Gross weight of box in kg	6.257
Length of box in m	0.28
Width of box in m	0.28
Height of box in m	0.21
Product weight	455 g
Product status	<span style="color: red;">●</span> Nieaktywne

## Electric Parameters

Max. system power	20.0 W
Power factor	≥ 0.9
Nominal voltage	220-240 V
Voltage type	AC
Nominal current (mA)	92 mA

## Electric Parameters

Mains frequency	50/60 Hz Hz
dimmable	Nie
Dimming with push-button	Nie

## Light Application Parameters

Luminous flux adjustable	Nie
Luminous flux	1500 lm
Rated luminous flux according to IEC 62722-2-1	1500 lm
Beam angle adjustable	Nie
Beam angle	100 °
Efficacy	80 lm/W
Colour of light adjustable	Nie
CCT Switch	Nie
Colour of light	White
Code of light color	840
Color temperature	4000 K
Color rendering index	≥ 80
Color Stability	≤ 6 sdcn
Light sharing	Symmetric
With light sensor	Nie

## Service Life

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

## Specification

Length	151 mm
Length	151 mm
Height	31 mm
Width	129 mm
Cable Length	1 m
Material	Aluminium/ Glass
Impact strength	IK06
Photobiological safety according to EN 62471	RG0
With light source	Tak

## Specification

Exchangeable control gear	Nie
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## Notes on Operation

Degree of protection (IP)	IP65
Connection type	Other
Type of connection	Feed-in cable, 3-pole
Type of wiring	Ending
Max. number of luminaires per B10 circuit breaker	86
Max. number of luminaires per B16 circuit breaker	139
Max. number of luminaires per C16 circuit breaker	139
Permissible storage temperature	-30 °C - +70 °C
Ambient temperatures	-20...+40 °C
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24	Nie
Filament test according to IEC 60695-2-11	650 °C - 30 s
Mounting type	Surface mounted
Type of control gear	Not required
With light sensor	Nie
With movement sensor	Nie
Emergency power supply integrated	Nie

## Information especially for EPREL

Lighting technology	LED
Mains/Non mains connectable	MLS
Color tunable light source	Nie
Flicker	1.0
Stroboscopic effect	0.4

## Notes

Robust aluminium casing in small build, LED-driver integrated, with 1m feed-in-cable, lightly frosted front screen, 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).

## Spectrum

As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

The colour of coloured LEDs depends on the chemical elements within the light generating chip. The coloured light is generated directly and does not need filtering.

White LEDs are either RGB (red + green + blue chip in one LED = light colour white) or blue LED-chips with yellow/orange phosphor in the resin. Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm)per 10nm.



daylight(D 65)

#### 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 (clefs) 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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