

Article-No: 5200001

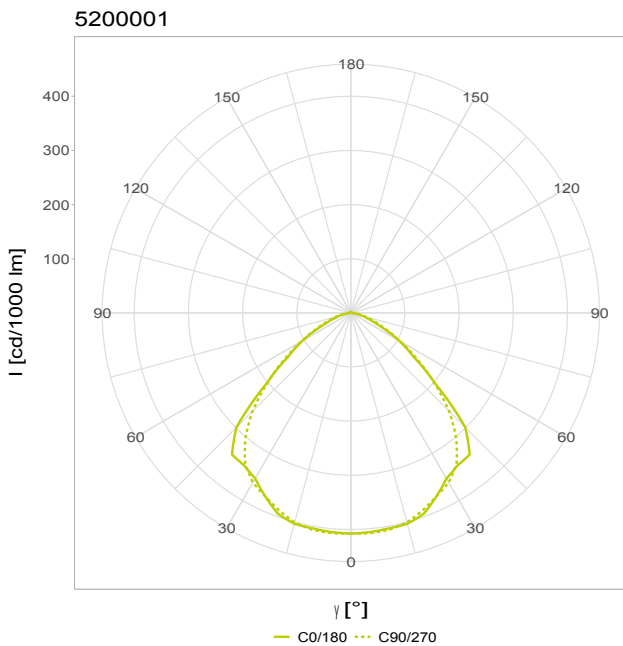
High Bay



**FLOODY ECO 27cm PC 1x100W  
100° 13000lm 840 TWwithout  
class I**

High-quality design featuring two luminaires with stainless steel brackets and a 1m connection cable. The adjustable luminaires are available in color temperatures of 3000K and 4000K, making them perfect for facades, workshops, loading ramps, and logistics areas. The precise 100-degree optics ensure targeted illumination. Equipped with climate plugs, the luminaires allow for wall and ceiling mounting. With IP65 and IK08 ratings, these luminaires guarantee high durability and weather resistance, making them ideal for demanding indoor and outdoor applications.

GTIN 4018098437239  
Statistical product number 94054239



**DIMENSIONS AND WEIGHTS**

Length	265 mm
Width	305 mm
Height	43 mm
Net weight	1,89 kg

**OUTPUT**

Luminous flux	13000 lm
Systempower	100 W
Efficacy	130 lm/W
Energy efficiency class of the light source	D

## ASSEMBLY AND MAINTENANCE

Optional mounting type	vertical wall, Ceiling
Standard mounting	horizontal wall

## LIGHT SOURCE

Luminaire type	LED
Number of light sources   LED rows   lamps	1
Colour temperature	4000 K
Colour rendering index	>80
Number of LEDs	192
Standard Deviation of Colour Matching (SDCM)	5
Control gear exchangeable	not exchangeable
Light source exchangeable	yes, by qualified person

## LIGHTING ENGINEERING

Light distributor	Diffuser lens/optic/panel
Light distribution angle	100 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	30 / 29

## MATERIAL

Cover material	PC - Polycarbonate
Housing material	Aluminium
Housing colour	white

## CAPACITY

outdoor area	Unprotected outdoor area in the direct vicinity of the building with cable entry from below or from the side
Rebuildable	false
IK-Impact resistance	IK07
Protection class (IP)	IP65
Use in animal husbandry	not suitable
Vandalism protection	false
Warranty	3 Years
Life expectancy B50 at 25° in hours (h)	
L80/B50 25°C	55554
L70/B50 25°C	91107
Life expectancy B10 at 25° in hours (h)	
L80/B10 25°C	55554
L70/B10 25°C	73879
Life expectancy B50 at 40° in hours (h)	
L80/B50 40°C	53540
L70/B50 40°C	86972
max. lowest temperature	-20 °C
max. highest temperature	40 °C

## TECHNICAL DATA

Dimming type	No dim function
Filament test	850 °C
Protection class	class I
Circuit Breaker B10A	6 Luminaires
Circuit Breaker B16A	9 Luminaires
Circuit Breaker C10A	10 Luminaires
Circuit Breaker C16A	16 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm <sup>2</sup>	without
D-marking	true
Voltage type acc. ETIM	AC
IFS suitable	false
Emergency light suitability of the luminaire	No
Rated voltage	220-240V 50/60 Hz

## PACKAGING

---

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	0,27 m
Width	0,32 m
Height	0,06 m
Weight	1,97 kg

VPE 2	
Unit	Pallet
Content quantity	180 Piece
Length	1,16 m
Width	0,73 m
Height	1,15 m
Weight	354,60 kg

## FURTHER PRODUCT INFORMATION

---

REACH-Info	false
REACH-Listdate	2024-01-23
Market labelling	CE
Product labelling	RoHS

*The right of error and later technical developments is reserved. 15.08.2024*

Values may be extrapolated differently from TM21.

