Article-No: 84822001

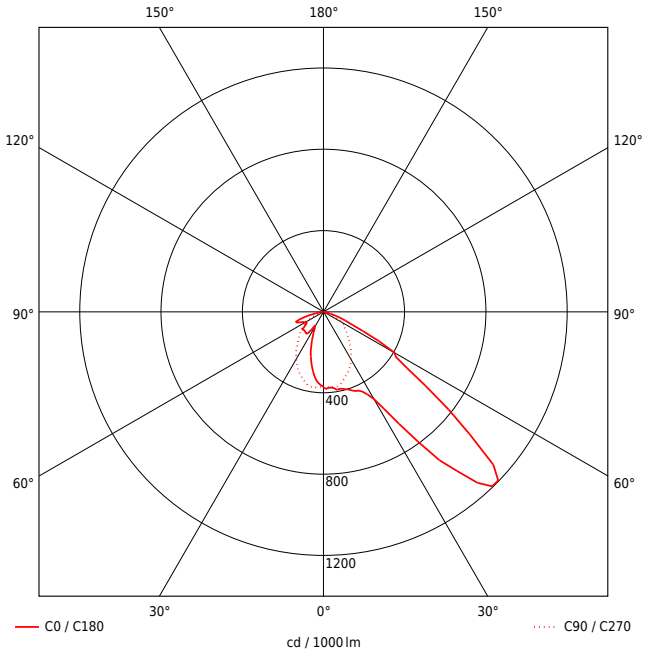
High Bay Luminaires

High bay luminaires QUADRONIUS POOL 288mm 1x143W extremAsym PMMAdp 14500lm



LED High Bay with prismatic PMMA pane (impact resistant), suitable for usage in chlorinated surroundings because of a special coating, housing made of die cast aluminium, white coating, converter integrated in housing, electrical connection through fast plug-in, short, ageing-resistant silicone seals, delivered without mounting accessories, optional wall/ceiling mounting bracket. Attention: PRACHT MANUFACTORY! Do you need a different color temperature, housing color or through-wiring? Specific challenges? No problem. We deliver customized solutions.

EAN	4018098268659
Statistical product number	94054239



LAMP

Product type	LED
Number of lamps /LED-rows	1
Color temperature K	4.000
Color rendering index	>80
Amount LED	64
Color tolerance (initial MacAdam)	3
Controll unit exchangable	yes
Lightsource exchangable	yes

NUMBER OF LAMPS

Luminous flux lm	14500
Systempower W	143
Efficacy lm/W	101

LIGHT ENGINEERING

Light distributor	Diffusor lense/-optic/-panel
Light distribution	extrem asymmetric
Unified Glare Rating UGR 4H 8H C0 C90	31,5 / 26,6

TECHNICAL DATA

Nominal voltage	220-240V 50/60 Hz
Protection class SK	I
Ballast	LED-converter on/off
Through-wiring mm²	without
Glow wire test	960 °C
D-rating	yes
Type of voltage	AC
Circuit breaker B10A	3
Circuit breaker B16A	7
Circuit breaker C10A	7
Circuit breaker C16A	10

CAPACITY

IK-Impact resistance	07
Warranty (years)	5
Life expectancy B50 at 25°	in hours (h)
L80/B50 25°C	65000
L70/B50 25°C	>100000
Life expectancy B10 at 25°	in hours (h)
L80/B10 25°C	58000
L70/B10 25°C	90000
Outdoor areas	Suitable for protected outdoor area
max. lowest temperature in °C	-30
max. highest temperature in °C	45
Ingress protection class	66

DIMENSIONS AND WEIGHT

Length mm	288
Width mm	288
Height mm	170
Weight netto in kg	6

PACKAGING

PU 1 piece	Box
Length m PU1	0.355
Width m PU1	0.355
Height m PU1	0.255
Gross weight kg PU1	8.5

ASSEMBLY AND MAINTENANCE

Optional installation	Ceiling, Wall
exchangeable LED board	possible

MATERIAL

Case color	white RAL 9010
Renewable resources possible	no
Housing material	Aluminium
Cover material	PMMA prismatic lens

The right of error and later technical developments is reserved.

State: 21.01.2022

* Protected outdoor area: a canopy protects the luminaire of

direct solar radiation. It is to be ensured that for mounting beneath the edge, the luminaire does not withstand heavy rainfall. Typically a height difference of 0,5 times the roof overhang compared to the luminaire should not be exceeded.

Values may be extrapolated differently from TM21.