TYK+ 20 C/I

Part number 3107298

IP 66 | CLASS II | ≤-40°C | ≥ +50° | FULL CUT OFF | ULR<1 | CIEn°3>95 | SPD 10kV | CE | EAC | UKCA

Description

LED floodlight for indoor and outdoor, comprising:
- Die-cast aluminium separate housing compartments to maximise heat dissipation between electronic components and the LEDs, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Extra-clear, toughened, flat glass diffuser, silk-screened on the inside
- Glazing diffuser permanently sealed to the housing trough high-temperature resistant silicone
- High-transparency polycarbonate optics
- Intensive circular optic
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Tear-proof nickelled brass cable gland M20x1.5 for cables Ø 10 mm- Ø 14 mm
- Driver integral surge protection up to 6 kV (DM)
- Stainless steel locking hardware
- Stainless steel wall-mounting bracket
- Integral graduated stainless steel goniometer for precise aimings
- The snoot accessory is compatible with narrow-beam (C/I) optics

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For information:
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Viale del Lavoro 9/11
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Product data

ETIM Group:	EG000027	**ETIM Class:**	EC001744

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	4165	**Luminaire lumen output [lm]:**	3303.63
Luminaire wattage [W]:	35 W	**Luminous efficacy [lm/W]:**	94
CRI:	80	**Colour temperature [K]:**	4000
Colour / Finishing:	AN-96 / Anthracite gray / Textured	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK07 2J xx5	**Protection class:**	II
Optic:	C/I - Circular Intensive	**Beam angle:**	10°
Net weight [kg]:	4.329	**Overall diameter [mm]:**	234
Overall length [mm]:	234	**Overall width [mm]:**	275
Overall height [mm]:	114		

Mechanical features

Shape:	Round 150 ≤ x ≤ 300 mm	**Housing material:**	Aluminium
Diffuser material:	Glass	**Glow wire test [°C]:**	650 °C
Frontal exposed area [m²]:	0.04	**Lateral exposed area [m²]:**	0.03
Top exposed area [m²]:	0.03		

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	>0.9
Surge protection | Common [kV]:	6.000000	**Surge protection | Differential [kV]:**	6.000000
Inrush current [A/µs]:	42 / 238	**C10 1.5 mm²:**	10
C16 2.5 mm²:	17	**B10 1.5 mm²:**	6
B16 2.5 mm²:	10		

Installation

Application area:	Outdoor lighting	**Mounting type:**	Architectural floodlight
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	50
Glass temperature [°C]:	50		

Light features

MacAdam:	3	**Lumen maintenance:**	L90B10@94000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6

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Zero light pollution (ULR = 0%):

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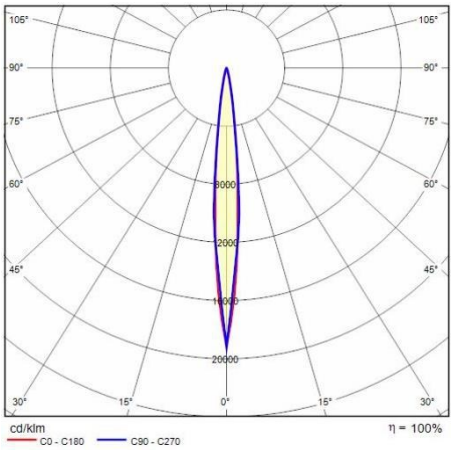
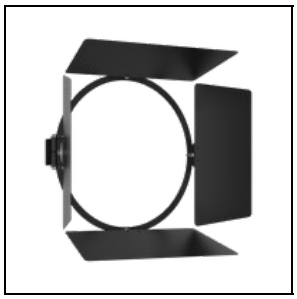
Photometric data



Optional accessories

TYK+ 20



3112970

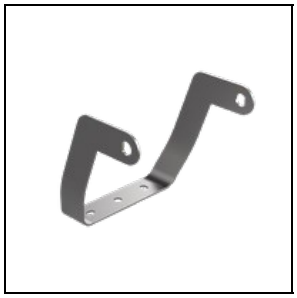
Barndoors painted

BK-81 / Black

3107466

Anti-glare snoot

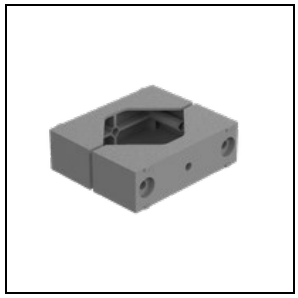
BK-81 / Black



3108557

Extra rotation bracket +55°/-90°

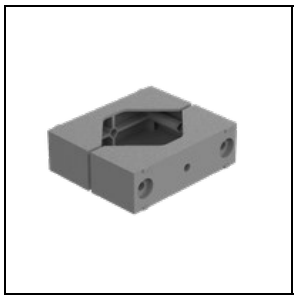
INOX / Stainless steel



14029094

Gliding support made of painted aluminium for the installation on 60-76 mm Ø posts. 1 luminaire

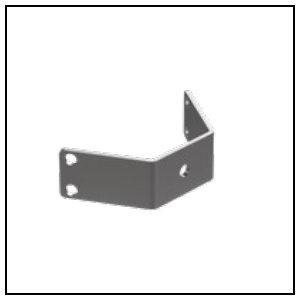
GR-94 / Metallic grey



14047194

Gliding support made of painted aluminium for the installation on 60-76 mm Ø posts. 2 opposed luminaires

GR-94 / Metallic grey



3107473

Two-axis rotation bracket for gliding support

INOX / Stainless steel

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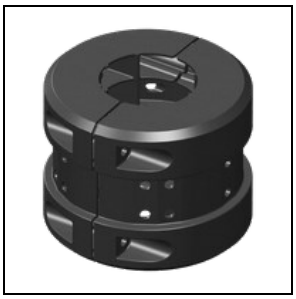
14099696

Gliding support made of painted aluminium for the installation on Ø 90 mm posts

AN-96 / Anthracite gray



14099896

Gliding support made of painted aluminium for the installation on Ø 60 mm posts

AN-96 / Anthracite gray

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