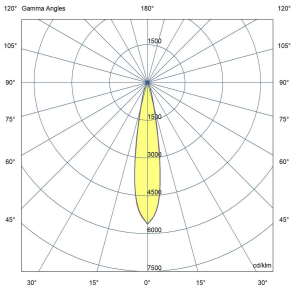
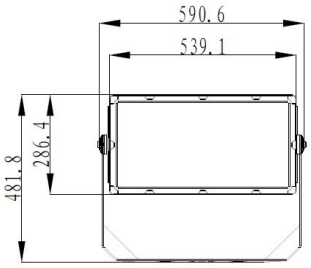
DARWIN SERIES FLOODLIGHT 1 MODULE DALI 400W 4K 18 SYMMETRICAL NARROW BEAM

SERIES DARWIN FLOODLIGHT

CODE 835144DA







Model Code : Isec: 1.84A

Datasheet

Lighting characteristics

Output flux	63,900 lm
Luminous flux (TJ=25°C)	76,680 lm
Luminaire power	400 W
Output efficiency	159.75 lm/W
Color temperature	4000K
Optics type	Anti aging and UV resistant PMMA Lenses with efficiency>90% and transparency >95%
Optics	Symmetrical narrow 18°
CRI	CRI>=80 (typical - tolerances according to EN62717)
Color shift	4 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
Flicker free	< 1%
Life time	L90 B10 @110.000h Tq=50°C, L90 B10 @210.000h Tq=25°C
Emergency function	-
Emergency flux	-

Mechanical characteristics

Manufacturing material	Aluminum alloy
Treatment type	Fluorozirconic passivation
Surface finishing	Atoxic, anti UV polyester paint oven polymerized
Colour	Grey RAL 7011
Diffuser type	Extraclear tempered glass 4 mm
IP Protection degree	IP66
Shock resistance	IK08 according to IEC/EN 62262
Corrosivity category	Equivalent to C5(M)/C4(H) (ISO 12944)
Mounting system	Adjustable bracket -110°+110°
Net Weight	13 KG
Working Environment Temp.	Min: -40°C ;Max: +50°C
Warehousing Temperature	Min: -40°C ;Max: +70°C
Exposed surface	Lateral: 0,04 m2 - Front: 0,13 m2

Electrical characteristics

Insulation Class	I
Supply Voltage	200-480V~ 50/60Hz
Control system/dimming	DALI
Surge protection	10kV common mode 6kV differential mode
Power factor	>0,95
Hole type	5 poles connector
Max conductor section	2.5 mm^2
Tightening diameter	Min 7 mm; Max 13 mm

Equipment Included	Connector

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CB TUV SUD, UKCA, CE
Directives	2009/125/EC (ERP), 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/35/EU (LVD), Reg. EU 2019/2020 (EcoDesign)
Reference Standards	EN 60598-2-5:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62311:2008, EN 62471:2008, EN 62493:2015, EN IEC 55015:2019, EN IEC 55015:2019/A11:2020, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-1:2021, EN IEC 63000:2018, IEC TR 62778:2014

The images are purely indicative. The indicated values of luminous flux and declared power have tolerances of +/- 7%. Palazzoli reserves the right to make changes without notice.

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