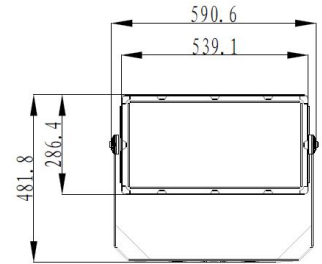
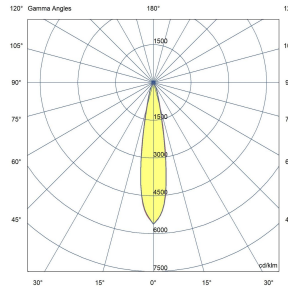




**SERIES DARWIN  
FLOODLIGHT**  
**CODE 835144DA**



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	-

#### 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 <sup>2</sup>
Tightening diameter	Min 7 mm; Max 13 mm

Equipment Included Connector

#### 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 m <sup>2</sup> - Front: 0,13 m <sup>2</sup>

#### Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CB TUV SUD, CE, UKCA
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.