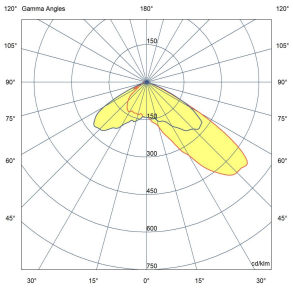
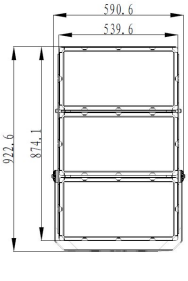
# DARWIN SERIES FLOODLIGHT 3 MODULES DALI 1200W 4K 50 ASYMMETRICAL WIDE BEAM

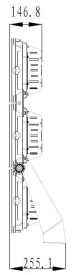
**SERIES DARWIN FLOODLIGHT**

**CODE 835324DA**






Model Code : Isec: 1.84Ax3

## Datasheet

### Lighting characteristics

| | |
|---|---|
| Output flux | 180,000 lm |
| Luminous flux (TJ=25°C) | 216,000 lm |
| Luminaire power | 1,200 W |
| Output efficiency | 150 lm/W |
| Color temperature | 4000K |
| Optics type | Anti aging and UV resistant PMMA Lenses with efficiency>90% and transparency >95% |
| Optics | Asymmetric wide 50° |
| 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 @210.000h Tq=25°C, L90 B10 @110.000h Tq=50°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 | 32 KG |
| Working Environment Temp. | Min: -40°C ;Max: +50°C |
| Warehousing Temperature | Min: -40°C ;Max: +70°C |
| Exposed surface | Lateral: 0,12 m2 - Front: 0,39 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 | UKCA, CE, CB TUV SUD |
| 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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