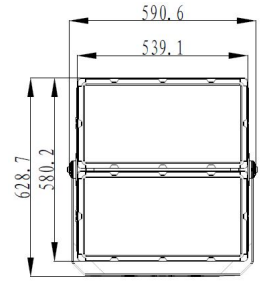
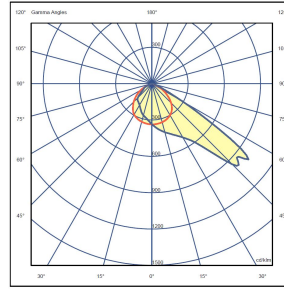




**SERIES DARWIN  
FLOODLIGHT**  
**CODE 835214HT**



### Datasheet

#### Lighting characteristics

|                               |  |
|-------------------------------|--|
| Output flux                   | 62,600 lm  |
| Luminous flux (TJ=25°C)       | 75,120 lm  |
| Luminaire power               | 400 W  |
| Output efficiency             | 156.5 lm/W   |
| Color temperature             | 4000K  |
| Optics type                   | Anti aging and UV resistant PMMA Lenses with efficiency >90% and transparency >95% |
| Optics                        | Asymmetric narrow 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,<br>L90 B10 50.000h Tq +70°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                | 23 KG   |
| Working Environment Temp. | Min: -30°C ;Max: +70°C                                    |
| Warehousing Temperature   | Min: -40°C ;Max: +70°C                                    |
| Exposed surface           | Lateral: 0,08 m <sup>2</sup> - Front: 0,26 m <sup>2</sup> |

#### Reference Standards and Directives

|                                  |  |
|----------------------------------|--|
| Warranty                         | 2 years extendable to 7  |
| Certification and approval marks | 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.