

# RADIANT 6M3 - 6M3Q



Radiant 6M3 is a modular solution made of LM6 aluminum, mainly used for access tunnel lighting. It withstands the corrosive agents normally found in these environments. Available with a selection of counterflow optics or with classic asymmetric/symmetric solutions.

## FEATURES

- Power ratings up to 416 W.
- LM6 aluminum body and brackets made entirely of A2 stainless steel (AISI 304).
- Tempered glass to protect optics and LEDs.
- System efficiency up to 188 lm/W.
- Low glare.
- Wide choice of optics suitable for different placements within the gallery.
- Allows for both lateral and counterflow inclinations.

## Available control systems

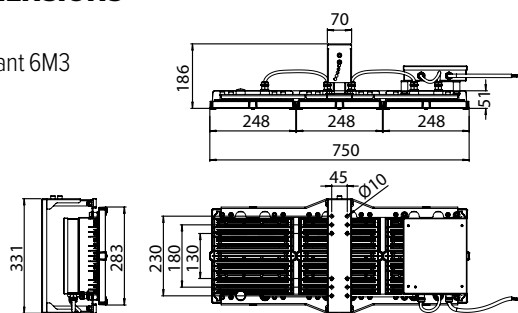
- 1-10V.
- DALI.
- Wireless (Zhaga Book 18).
- Powerline.

## TECHNICAL DATA

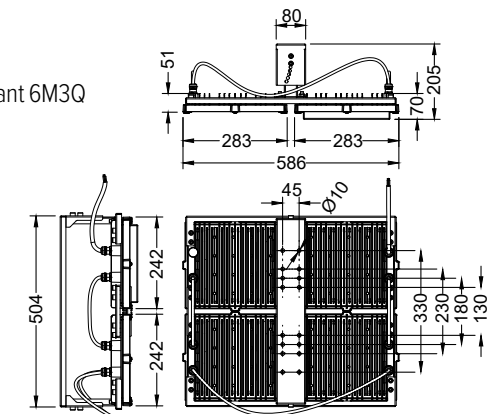
|                                    |                                          |
|------------------------------------|------------------------------------------|
| LED type                           | <b>Detas by Lumileds</b>                 |
| Step Mac-Adam                      | <b>3</b>                                 |
| LED driver                         | <b>Philips - Tridonic</b>                |
| Nominal Input voltage [V]          | <b>220-230V~ 50/60Hz</b>                 |
| Surge protection                   | <b>10kV</b>                              |
| Efficiency up to                   | <b>167lm/W (D) - 188lm/W (P)</b>         |
| Rated abrupt failure value Tp,Tc   | <b>F10 @ 100.000h, &lt;0,02% @ 1000h</b> |
| Rated median useful life [hrs] @Tc | <b>L90B10 &gt;100.000h</b>               |
| Power factor                       | <b>&gt;0,95</b>                          |
| Housing material                   | <b>LM6 Aluminum</b>                      |
| Protective glass type              | <b>Tempered</b>                          |
| Glass thickness [mm]               | <b>4</b>                                 |
| Colour temperature                 | <b>2200K - 3000K - 4000K - 5700K</b>     |
| Colour rendering index (CRI)       | <b>&gt;70</b>                            |
| Degree of protection (EN 60529)    | <b>IP66</b>                              |
| IK code (EN 62262)                 | <b>IK08</b>                              |
| Insulation class                   | <b>I &amp; II</b>                        |
| Operating temperature [°C]         | <b>-25 ÷ 40</b>                          |
| Wind-exposed surface [m²]          | <b>Side: 0.06m² / Top: 0.25m²</b>        |
| Housing colour                     | <b>RAL9005 Jet black</b>                 |
| Weight [Kg]                        | <b>10</b>                                |

## DIMENSIONS

Radiant 6M3



Radiant 6M3Q



## OPTICS

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 201A | 206A | 218A | 229A | 244A | 244S |
| 247A | 247S | 249A | 279A | -    | -    |

Other optics available on the website

## MODELS

|         | Total power [W] | Overall flux [lm] | Optical flux [lm] |
|---------|-----------------|-------------------|-------------------|
| 192P440 | 244             | 45989             | 48801             |
| 192P530 | 297             | 55065             | 59324             |
| 192P600 | 338             | 61770             | 67649             |
| 192P650 | 368             | 65925             | 73552             |
| 192P700 | 398             | 70771             | 79639             |
| 192P730 | 416             | 73305             | 83201             |

Reference configuration: Optic 247A - 4000 K



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