

Last information update: April 2025

**Product configuration: RP44.G0**

RP44.G0: DownLight emission module - Frame - L= 912 - 48Vdc (PWM) - General Light - Space Optic – Neutral White - White / clear space

**Product code**

RP44.G0: DownLight emission module - Frame - L= 912 - 48Vdc (PWM) - General Light - Space Optic – Neutral White - White / clear space

**Technical description**

Direct emission linear modular lighting system with Neutral White CRI90 monochrome LED lamps. General Light (High Output) luminaire with Opti-Diamond Space optic available in a White Cover (Transparent white) or Black Cover (Transparent black) version. Complete with 48Vdc Mid-Power Led circuit and PWM control system. Frame version with extruded aluminium profile; Modular luminaire that can be positioned freely as it rotates 360° around its own axis (See the instruction sheet for the accessories to be used).

**Installation**

Pendant or surface-mounted using suitable accessories to be ordered separately.

**Colour**

White/White Transparent (G0)

**Weight (Kg)**

0.49

**Wiring**

Connection with quick coupling input and output connectors. The module is designed to use suitable Led Strips (Up Light emission) to be ordered separately. Power supply unit (48V) to be ordered separately as specified in the instruction sheet. Available in an ON-OFF, DALI and BLE version.

Complies with EN60598-1 and pertinent regulations



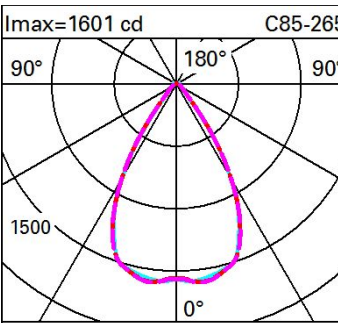
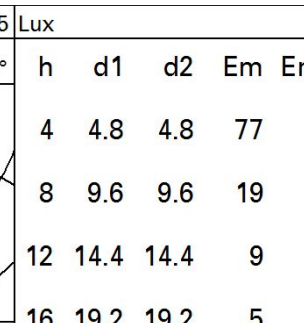

IP20

**Technical data**

|  |       |
|--|-------|
| Im system:   | 1760  |
| W system:  | 14    |
| Im source:   | 2120  |
| W source:  | 12    |
| Luminous efficiency (lm/W, real value):            | 125.7 |
| Im in emergency mode:                              | -     |
| Total light flux at or above an angle of 90° [Lm]: | 42    |
| Light Output Ratio (L.O.R.) [%]:                   | 83    |
| CRI (minimum):                                     | 90    |
| Colour temperature [K]:                            | 4000  |

|                                       |                                 |
|---------------------------------------|---------------------------------|
| MacAdam Step:                         | 3                               |
| Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25°C) |
| Voltage [Vin]:                        | 48                              |
| Lamp code:                            | LED                             |
| Number of lamps for optical assembly: | 1                               |
| ZVEI Code:                            | LED                             |
| Number of optical assemblies:         | 1                               |
| LED current [mA]:                     | 72                              |
| Control:                              | PWM                             |

**Polar**

| Imax=1601 cd  |  | C85-265   |    | Lux  |      |    |      |  |
|---|--|---|----|------|------|----|------|--|
| 90°   | 180°   | 90°   | h  | d1   | d2   | Em | Emax |  |
|  |  |  | 4  | 4.8  | 4.8  | 77 | 98   |  |
|   |  |   | 8  | 9.6  | 9.6  | 19 | 25   |  |
|   |  |   | 12 | 14.4 | 14.4 | 9  | 11   |  |
|   |  |   | 16 | 19.2 | 19.2 | 5  | 6    |  |
| $\alpha = 62^\circ$   |  |   |    |      |      |    |      |  |

# Isolux

