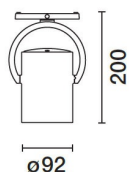
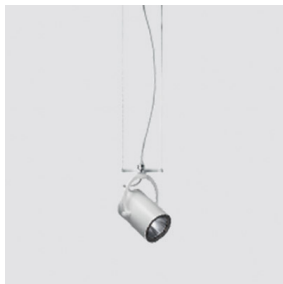


Last information update: May 2024

**Product configuration: P062**

P062: spotlight- neutral white - 50° optic

**Product code**P062: spotlight- neutral white - 50° optic **Attention! Code no longer in production****Technical description**

Pendant luminaire equipped with a three-phase adapter for electrified tracks or a base, made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (during maintenance operations too). Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit in neutral white colour 4,000K. Option of installing a flat accessory that can be either an elliptical distribution refractor, a soft lens filter or a louver.

**Installation**

pendant on an electrified track or special base

**Colour**

White (01) | Black (04) | White / Chrome (E4)

**Weight (Kg)**

1.15

**Mounting**

three circuit track

**Wiring**

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

|  |       |                                       |                                 |
|--|-------|---------------------------------------|---------------------------------|
| Im system:   | 1697  | CRI:                                  | 80                              |
| W system:  | 15.4  | Colour temperature [K]:               | 4000                            |
| Im source:   | 2150  | MacAdam Step:                         | 2                               |
| W source:  | 13    | Life Time LED 1:                      | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value):            | 110.3 | Lamp code:                            | LED                             |
| Im in emergency mode:                              | -     | Number of lamps for optical assembly: | 1                               |
| Total light flux at or above an angle of 90° [Lm]: | 0     | ZVEI Code:                            | LED                             |
| Light Output Ratio (L.O.R.) [%]:                   | 79    | Number of optical assemblies:         | 1                               |
| Beam angle [°]:                                    | 56°   |                                       |                                 |

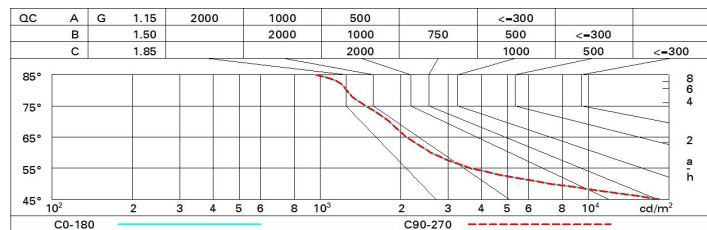
**Polar**

| Imax=2181 cd |      | CIE   |  | Lux |     |     |      |
|--------------|------|---|--|-----|-----|-----|------|
| 90°          | 180° | 90°   |  | h   | d   | Em  | Emax |
|              |      | nL 0.79<br>98-100-100-100-79<br>UGR 17.7-17.7<br><b>DIN</b><br>A.61<br><b>UTE</b><br>0.79A+0.00T<br>F*1=975<br>F*1+F*2=997<br>F*1+F*2+F*3=1000<br><b>CIBSE</b><br>BZ1 |  | 2   | 2.1 | 432 | 541  |
|              |      |   |  | 4   | 4.3 | 108 | 135  |
|              |      |   |  | 6   | 6.4 | 48  | 60   |
|              |      |   |  | 8   | 8.5 | 27  | 34   |

# Utilisation factors

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 70 | 67 | 64 | 62 | 66 | 63 | 63 | 61 | 77  |
| 1.0  | 74 | 70 | 68 | 66 | 69 | 67 | 67 | 64 | 81  |
| 1.5  | 78 | 75 | 73 | 71 | 74 | 72 | 72 | 69 | 88  |
| 2.0  | 80 | 78 | 77 | 75 | 77 | 76 | 75 | 73 | 92  |
| 2.5  | 82 | 80 | 79 | 78 | 79 | 78 | 77 | 75 | 95  |
| 3.0  | 83 | 82 | 81 | 80 | 80 | 80 | 79 | 77 | 97  |
| 4.0  | 84 | 83 | 82 | 82 | 82 | 81 | 80 | 78 | 99  |
| 5.0  | 84 | 84 | 83 | 83 | 82 | 82 | 81 | 79 | 100 |

# Luminance curve limit



# UGR diagram

| Corrected UGR values (at 2150 lm bare lamp luminous flux)        |      |                     |      |      |      |      |                   |      |      |      |      |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |      | viewed<br>crosswise |      |      |      |      | viewed<br>endwise |      |      |      |      |
|  |      | 0.70                | 0.70 | 0.50 | 0.50 | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 |
|  |      | 0.50                | 0.30 | 0.50 | 0.30 | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 |
|  |      | 0.20                | 0.20 | 0.20 | 0.20 | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 |
|  |      |                     |      |      |      |      |                   |      |      |      |      |
| 2H   | 2H   | 18.2                | 18.8 | 18.5 | 19.1 | 19.3 | 18.2              | 18.8 | 18.5 | 19.1 | 19.3 |
|  | 3H   | 18.1                | 18.6 | 18.4 | 18.9 | 19.2 | 18.1              | 18.6 | 18.4 | 18.9 | 19.2 |
|  | 4H   | 18.0                | 18.5 | 18.4 | 18.8 | 19.1 | 18.0              | 18.5 | 18.4 | 18.8 | 19.1 |
|  | 6H   | 18.0                | 18.4 | 18.3 | 18.7 | 19.1 | 17.9              | 18.4 | 18.3 | 18.7 | 19.1 |
|  | 8H   | 17.9                | 18.4 | 18.3 | 18.7 | 19.0 | 17.9              | 18.4 | 18.3 | 18.7 | 19.0 |
|  | 12H  | 17.9                | 18.3 | 18.3 | 18.7 | 19.0 | 17.9              | 18.3 | 18.2 | 18.6 | 19.0 |
|  |      |                     |      |      |      |      |                   |      |      |      |      |
| 4H   | 2H   | 18.0                | 18.5 | 18.4 | 18.8 | 19.1 | 18.0              | 18.5 | 18.4 | 18.8 | 19.1 |
|  | 3H   | 17.9                | 18.3 | 18.3 | 18.7 | 19.0 | 17.9              | 18.3 | 18.3 | 18.7 | 19.0 |
|  | 4H   | 17.8                | 18.2 | 18.2 | 18.6 | 18.9 | 17.8              | 18.2 | 18.2 | 18.6 | 18.9 |
|  | 6H   | 17.7                | 18.1 | 18.2 | 18.5 | 18.9 | 17.7              | 18.1 | 18.2 | 18.5 | 18.9 |
|  | 8H   | 17.7                | 18.0 | 18.1 | 18.4 | 18.8 | 17.7              | 18.0 | 18.1 | 18.4 | 18.8 |
|  | 12H  | 17.6                | 17.9 | 18.1 | 18.3 | 18.8 | 17.6              | 17.9 | 18.1 | 18.3 | 18.8 |
|  |      |                     |      |      |      |      |                   |      |      |      |      |
| 8H   | 4H   | 17.7                | 18.0 | 18.1 | 18.4 | 18.8 | 17.7              | 18.0 | 18.1 | 18.4 | 18.8 |
|  | 6H   | 17.6                | 17.8 | 18.1 | 18.3 | 18.8 | 17.6              | 17.9 | 18.1 | 18.3 | 18.8 |
|  | 8H   | 17.5                | 17.8 | 18.0 | 18.2 | 18.7 | 17.5              | 17.8 | 18.0 | 18.2 | 18.7 |
|  | 12H  | 17.5                | 17.7 | 18.0 | 18.2 | 18.7 | 17.5              | 17.7 | 18.0 | 18.2 | 18.7 |
|  |      |                     |      |      |      |      |                   |      |      |      |      |
| 12H  | 4H   | 17.6                | 17.9 | 18.1 | 18.3 | 18.8 | 17.6              | 17.9 | 18.1 | 18.3 | 18.8 |
|  | 6H   | 17.5                | 17.8 | 18.0 | 18.2 | 18.7 | 17.5              | 17.8 | 18.0 | 18.2 | 18.7 |
|  | 8H   | 17.5                | 17.7 | 18.0 | 18.2 | 18.7 | 17.5              | 17.7 | 18.0 | 18.2 | 18.7 |
|  |      |                     |      |      |      |      |                   |      |      |      |      |
| Variations with the observer position at spacing:                |      |                     |      |      |      |      |                   |      |      |      |      |
| S =  | 1.0H | 5.6 / -11.9         |      |      |      |      | 5.6 / -11.9       |      |      |      |      |
|  | 1.5H | 8.4 / -13.1         |      |      |      |      | 8.4 / -13.1       |      |      |      |      |
|  | 2.0H | 10.4 / -13.6        |      |      |      |      | 10.4 / -13.6      |      |      |      |      |