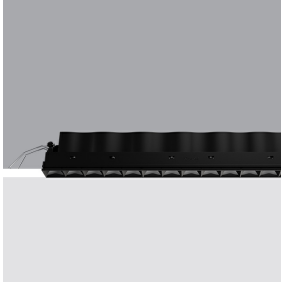


Last information update: February 2025

**Product configuration: RB63.04**

RB63.04: Minimal 15 cells - Wide Flood - LED - Black

**Product code**

RB63.04: Minimal 15 cells - Wide Flood - LED - Black

**Technical description**

Linear miniaturised recessed luminaire with 15 optical elements for LED lamps - fixed optic. Die-cast aluminium body, minimal version (frameless) installed flush with ceiling. For recessed installation in a false ceiling a specific adapter is required that is available with a separate item code. Metallised thermoplastic high definition OptiBeam reflector, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with a dimmable DALI power supply unit connected to the luminaire.

**Installation**

The recess body is inserted in the specific adapter installed previously by means of a steel wire spring - check the thickness of the false ceiling and use a compatible frame available with a separate item code.

**Colour**

Black (04)

**Weight (Kg)**

0.85

**Mounting**

wall recessed|ceiling recessed

**Wiring**

Quick-coupling connections on the ballast unit.

Complies with EN60598-1 and pertinent regulations



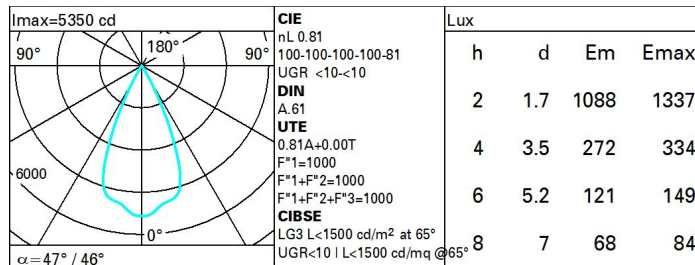
IP20

IP23

On the visible part of the product once installed

**Technical data**

|  |           |                                       |                                 |
|--|-----------|---------------------------------------|---------------------------------|
| Im system:   | 2795      | CRI (typical):                        | 92                              |
| W system:  | 33.6      | Colour temperature [K]:               | 3500                            |
| Im source:   | 3450      | MacAdam Step:                         | 3                               |
| W source:  | 30        | Life Time LED 1:                      | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value):            | 83.2      | 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.) [%]:                   | 81        | Number of optical assemblies:         | 1                               |
| Beam angle [°]:                                    | 47° / 46° | Control:                              | DALI-2                          |
| CRI (minimum):                                     | 90        |                                       |                                 |

**Polar**

# Utilisation factors

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 73 | 70 | 67 | 65 | 69 | 66 | 66 | 64 | 78  |
| 1.0  | 76 | 73 | 71 | 69 | 72 | 70 | 70 | 67 | 83  |
| 1.5  | 80 | 78 | 76 | 74 | 77 | 75 | 74 | 72 | 89  |
| 2.0  | 83 | 81 | 79 | 78 | 80 | 78 | 78 | 75 | 93  |
| 2.5  | 84 | 83 | 82 | 81 | 82 | 81 | 80 | 78 | 96  |
| 3.0  | 85 | 84 | 83 | 83 | 83 | 82 | 81 | 79 | 98  |
| 4.0  | 86 | 85 | 85 | 84 | 84 | 84 | 82 | 81 | 99  |
| 5.0  | 87 | 86 | 86 | 86 | 85 | 84 | 83 | 81 | 100 |

# UGR diagram

| Corrected UGR values (at 3450 lm bare lamp luminous flux) |     |                  |      |         |      |      |                |      |         |      |      |
|---|-----|------------------|------|---------|------|------|----------------|------|---------|------|------|
| Reflect.:   |     | viewed crosswise |      |         |      |      | viewed endwise |      |         |      |      |
| ceiling/cav   |     | 0.70             | 0.70 | 0.50    | 0.50 | 0.30 | 0.70           | 0.70 | 0.50    | 0.50 | 0.30 |
| walls   |     | 0.50             | 0.30 | 0.50    | 0.30 | 0.30 | 0.50           | 0.30 | 0.50    | 0.30 | 0.30 |
| work pl.  |     | 0.20             | 0.20 | 0.20    | 0.20 | 0.20 | 0.20           | 0.20 | 0.20    | 0.20 | 0.20 |
| Room dim  |     |                  |      |         |      |      |                |      |         |      |      |
| x   | y   |                  |      |         |      |      |                |      |         |      |      |
| 2H  | 2H  | 0.9              | 1.3  | 1.1     | 1.6  | 1.8  | 0.9            | 1.3  | 1.1     | 1.6  | 1.8  |
|   | 3H  | 0.7              | 1.2  | 1.0     | 1.4  | 1.7  | 0.7            | 1.2  | 1.0     | 1.4  | 1.7  |
|   | 4H  | 0.7              | 1.1  | 1.0     | 1.4  | 1.7  | 0.7            | 1.1  | 1.0     | 1.4  | 1.7  |
|   | 6H  | 0.6              | 1.0  | 0.9     | 1.3  | 1.6  | 0.6            | 1.0  | 0.9     | 1.3  | 1.6  |
|   | 8H  | 0.6              | 0.9  | 0.9     | 1.2  | 1.6  | 0.6            | 0.9  | 0.9     | 1.2  | 1.6  |
|   | 12H | 0.5              | 0.9  | 0.9     | 1.2  | 1.5  | 0.5            | 0.9  | 0.9     | 1.2  | 1.5  |
| 4H  | 2H  | 0.7              | 1.1  | 1.0     | 1.4  | 1.7  | 0.7            | 1.1  | 1.0     | 1.4  | 1.7  |
|   | 3H  | 0.5              | 0.9  | 0.9     | 1.2  | 1.5  | 0.5            | 0.9  | 0.9     | 1.2  | 1.5  |
|   | 4H  | 0.4              | 0.7  | 0.8     | 1.1  | 1.5  | 0.4            | 0.7  | 0.8     | 1.1  | 1.5  |
|   | 6H  | 0.3              | 0.6  | 0.8     | 1.0  | 1.4  | 0.3            | 0.6  | 0.8     | 1.0  | 1.4  |
|   | 8H  | 0.3              | 0.5  | 0.7     | 1.0  | 1.4  | 0.3            | 0.5  | 0.7     | 0.9  | 1.4  |
|   | 12H | 0.2              | 0.5  | 0.7     | 0.9  | 1.4  | 0.2            | 0.5  | 0.7     | 0.9  | 1.3  |
| 8H  | 4H  | 0.3              | 0.5  | 0.7     | 0.9  | 1.4  | 0.3            | 0.5  | 0.7     | 1.0  | 1.4  |
|   | 6H  | 0.2              | 0.4  | 0.7     | 0.8  | 1.3  | 0.2            | 0.4  | 0.7     | 0.8  | 1.3  |
|   | 8H  | 0.1              | 0.3  | 0.6     | 0.8  | 1.3  | 0.1            | 0.3  | 0.6     | 0.8  | 1.3  |
|   | 12H | 0.1              | 0.2  | 0.6     | 0.7  | 1.2  | 0.1            | 0.2  | 0.6     | 0.7  | 1.2  |
| 12H   | 4H  | 0.2              | 0.5  | 0.7     | 0.9  | 1.3  | 0.2            | 0.5  | 0.7     | 0.9  | 1.4  |
|   | 6H  | 0.1              | 0.3  | 0.6     | 0.8  | 1.3  | 0.1            | 0.3  | 0.6     | 0.8  | 1.3  |
|   | 8H  | 0.1              | 0.2  | 0.6     | 0.7  | 1.2  | 0.1            | 0.2  | 0.6     | 0.7  | 1.2  |
| Variations with the observer position at spacing:         |     |                  |      |         |      |      |                |      |         |      |      |
| S =   |     | 1.0H             | 0.8  | / -21.9 |      |      |                | 6.8  | / -21.9 |      |      |
|   |     | 1.5H             | 9.7  | / -22.0 |      |      |                | 9.7  | / -22.0 |      |      |
|   |     | 2.0H             | 11.7 | / -22.2 |      |      |                | 11.7 | / -22.2 |      |      |