

# RK-EU-HB02

## High-bays



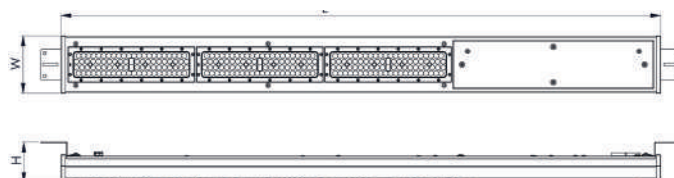
**DESCRIPTION:** Surface mounted or suspended high-bay LED luminaire  
**Light distribution type:** direct  
**Optical system:** lenses, silicone rubber gasket, impact resistance  
**Housing:** aluminium / steel  
**Colour:** white, RAL9003

**GENERAL DATA:** Mains voltage: 220-240V, 0/50-60Hz  
LED lifetime, h: 100000/L80B10  
SDCM: 3  
Protection class IEC: I  
Ingress protection code: IP65  
Mechanical impact resistance: IK08 (IK10 with protection grid)  
Protection symbol: D  
Operating temperature range, °C: ta -20...+35/ +40

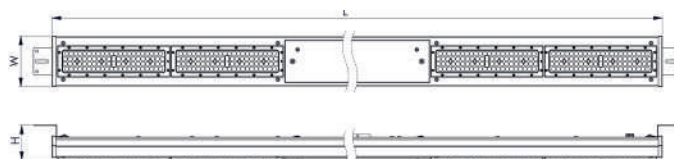
**INSTALLATION:** On the ceiling or wall, or suspended (requires accessories). Push-in terminal, 5x2x2.5mm2

**ENVIRONMENT:** Indoor

**APPLICATION:** Industry, warehouse, hall, sports, transport terminal



Models: G106, G107, G108



Models: G103, G104, G105, G110, G111, G116, G112, G113, G114, G115

| PRODUCT                              | LENGTH, mm | WIDTH, mm | HEIGHT, mm | LUMINAIRE OUTPUT*, lm | SYSTEM POWER*, W | SYSTEM EFFICACY*, lm/W | CRI | CCT*, K | WEIGHT, kg |
|--------------------------------------|------------|-----------|------------|-----------------------|------------------|------------------------|-----|---------|------------|
| RK-EU-HB02 1x10500 G103 T840 ALU L75 | 935        | 114       | 80         | 9818                  | 56,8             | 173                    | 80+ | 4000    | 1,5        |
| RK-EU-HB02 1x12350 G104 T840 ALU L75 | 935        | 114       | 80         | 11617                 | 68,1             | 171                    | 80+ | 4000    | 1,5        |
| RK-EU-HB02 1x14250 G105 T840 ALU L75 | 935        | 114       | 80         | 13461                 | 80,3             | 168                    | 80+ | 4000    | 1,5        |
| RK-EU-HB02 1x15650 G106 T840 ALU L75 | 1190       | 114       | 80         | 14727                 | 84,1             | 175                    | 80+ | 4000    | 2,2        |
| RK-EU-HB02 1x18550 G107 T840 ALU L75 | 1190       | 114       | 80         | 17426                 | 101,1            | 172                    | 80+ | 4000    | 2,2        |
| RK-EU-HB02 1x21250 G108 T840 ALU L75 | 1190       | 114       | 80         | 20191                 | 119,2            | 169                    | 80+ | 4000    | 2,2        |
| RK-EU-HB02 1x20900 G110 T840 ALU L75 | 1444       | 114       | 80         | 19637                 | 111,1            | 177                    | 80+ | 4000    | 2,8        |
| RK-EU-HB02 1x24700 G111 T840 ALU L75 | 1444       | 114       | 80         | 23234                 | 133,3            | 174                    | 80+ | 4000    | 2,8        |
| RK-EU-HB02 1x26450 G116 T840 ALU L75 | 1444       | 114       | 80         | 24997                 | 145,5            | 172                    | 80+ | 4000    | 2,8        |
| RK-EU-HB02 1x28350 G112 T840 ALU L75 | 1444       | 114       | 80         | 26752                 | 158,7            | 169                    | 80+ | 4000    | 2,8        |
| RK-EU-HB02 1x31100 G113 T840 ALU L75 | 1953       | 114       | 80         | 29455                 | 168,4            | 175                    | 80+ | 4000    | 4,1        |
| RK-EU-HB02 1x36900 G114 T840 ALU L75 | 1953       | 114       | 80         | 34851                 | 202,1            | 172                    | 80+ | 4000    | 4,1        |
| RK-EU-HB02 1x42300 G115 T840 ALU L75 | 1953       | 114       | 80         | 40381                 | 238,4            | 169                    | 80+ | 4000    | 4,1        |

\*Tolerance range for optical and electrical data: -10%. Values apply to an ambient temperature of 25°C. RIKADA is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

## AVAILABLE ACCESSORIES:



**Product:** Suspension MTG KIT-RK-EU-HB02 1.5m  
**Description:** Suspension kit for RK-EU-HB02 highbay, 1.5 meter

**Product:** Suspension MTG KIT-RK-EU-HB02 3.0m  
**Description:** Suspension kit for RK-EU-HB02 highbay, 3.0 meter

**Product:** Suspension MTG KIT-RK-EU-HB02 5.0m  
**Description:** Suspension kit for RK-EU-HB02 highbay, 5.0 meter



**Product:** Adjustable brackets MTG KIT - RK-EU-HB02

**Description:** Ceiling and wall mounting brackets for RK-EU-HB02 with angle adjustment +/-75 degrees (every 15), galvanized steel, 2pcs



**Product:** Remote Control HRC-11 **Description:**

The functionality of the sensors is controlled by a number of parameters which can be changed or programmed remote with an infrared handset  
\*note - remote control for HBPIR-M; HBPIR DALI-M



**Product:** Wire suspension BRACKETS - RK-EU-HB02

**Description:** Wire suspension brackets for Norte I LED highbay, 2pcs



**Product:** GRID MTG KIT RK-EU-HB02 - 980x114mm RAL9003

**Description:** Protective grid for RK-EU-HB02 luminaires up to size 980x114mm, white

**Product:** GRID MTG KIT RK-EU-HB02 - 1235x114mm RAL9003

**Description:** Protective grid for RK-EU-HB02 luminaires up to size 1235x114mm, white

**Product:** GRID MTG KIT RK-EU-HB02 - 1490x114mm RAL9003

**Description:** Protective grid for RK-EU-HB02 luminaires up to size 1490x114mm, white

**Product:** GRID MTG KIT RK-EU-HB02 - 1998x114mm RAL9003

**Description:** Protective grid for RK-EU-HB02 luminaires up to size 1998x114mm, white

## OPTIONS AVAILABLE ON REQUEST:

| LED  | REFLECTOR AND OPTICS | COVERS | CONTROL GEAR               | SENSORS                      | EMERGENCY         | CONNECTION | PROTECTION          |
|------|----------------------|--------|----------------------------|------------------------------|-------------------|------------|---------------------|
| T830 | L30x65               | SPORT  | DALI <sup>1</sup>          | HBPIR-M <sup>5</sup>         | EM3 <sup>6</sup>  | 1LIN       | ta+55C <sup>7</sup> |
| T840 | L40                  |        | HBEAIRB-M <sup>2 3 4</sup> | HBPIR DALI-M <sup>5</sup>    | EM3A <sup>6</sup> | 2LIN       |                     |
| T857 | L60                  |        | HBEAIRB-S <sup>2 4</sup>   | HBPIR KRBLT <sup>5</sup>     | EM3D <sup>6</sup> | 3LIN       |                     |
| T865 | L75                  |        | BLT                        | HBPIR KBRT DALI <sup>5</sup> |                   | 1LIN2.5    |                     |
|      | L90x90               |        | KRBLT                      |                              |                   | 2LIN2.5    |                     |
|      | L120                 |        | KRBLT DALI                 |                              |                   | 3LIN2.5    |                     |
|      | L1A50                |        | COR                        |                              |                   |            |                     |
|      |                      |        | COR1min                    |                              |                   |            |                     |
|      |                      |        | COR30min                   |                              |                   |            |                     |

1 For models with power above 155W two DALI addresses are used

2 Max system size 1x HBEAIRB-M + 1x HBEAIRB-S

3 The impact protection rating of the HBEAIRB-M option is IK05, except when the SPORT option is

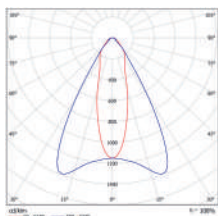
4 used Max wire length from HBEAIRB-M to last HBEAIRB-S - 11 m

5 Max switching load up to 2A

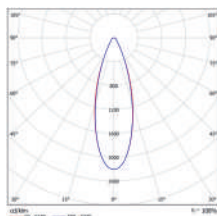
6 Operating temperature range for Luminaires with EM option, °C: ta 0... +35

7 Please ask for special models with ta+55C

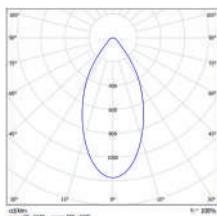
**L30x65**



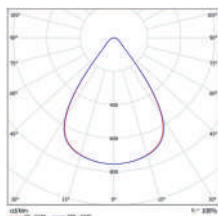
**L40**



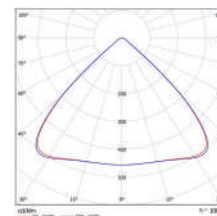
**L60**



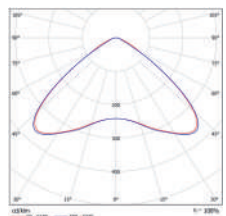
**L75**



**L90x90**



**L120**



**L1A50**

