

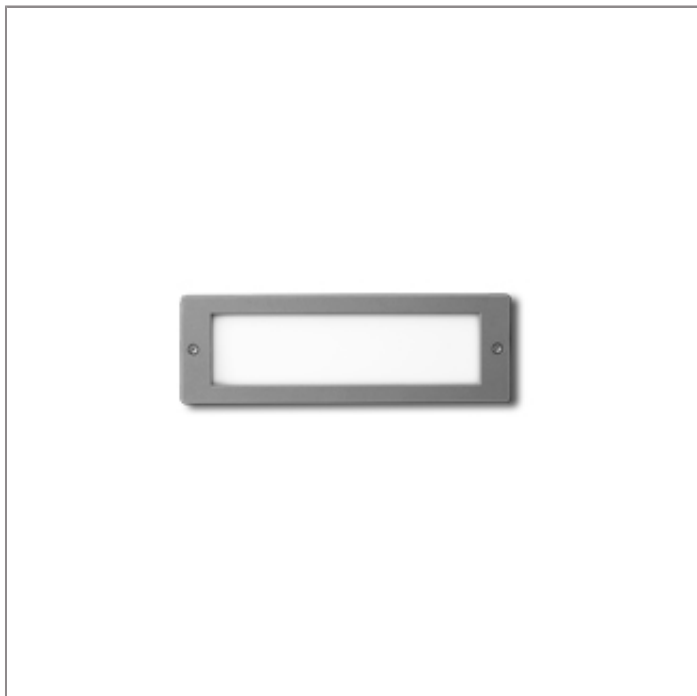
# I-BRICK

## I-BRICK

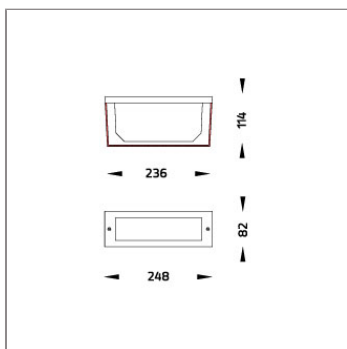
### WALL RECESSED LIGHT



LAST UPDATE: 02-10-2025



I-BRICK is a versatile wall-recessed luminaire designed for efficient, comfort illumination in residential and commercial spaces. With its shallow housing, I-BRICK is ideal for installation in walls or steps, making it perfect for stairways and pathways with limited recess depth. Available in five styles, it offers flexible lighting solutions to suit various architectural needs. I-BRICK provides uniform, soft lighting that enhances safety and visibility without being intrusive or overpowering.



### Technical Data



|                       |                    |
|-----------------------|--------------------|
| Ordering Code :       | 6001-0-3-935-XX    |
| Lamp :                | LED                |
| CCT :                 | 3000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 530 lm             |
| Luminaire Lumen :     | 180 lm             |
| Lamp Wattage :        | 3.9 W              |
| Luminaire Wattage :   | 5.6 W              |
| Efficacy :            | 32 lm/W            |
| Ambient Temperature : | 25°C               |
| Lumen Maintenance     | L70B10 >36,000 h   |
| Controller :          | On-Off             |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 1.20 kg.           |

### Ordering code guide

XXXX-X-X-XXX-XX  
A B C D E

A Product Code  
B Reflector  
C Electrical Component  
D Lamp  
E Color



Icon definition

\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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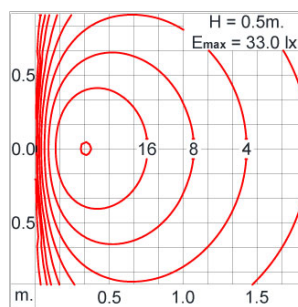
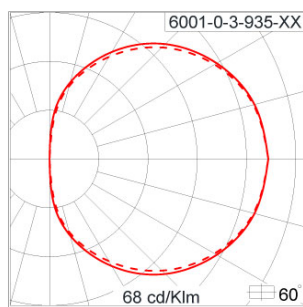
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#### Specification

|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEC Standard            | IEC 60598-1 General Requirement<br>IEC 60598-2-2 Recessed Luminaires                                                                                                                                                              |
| Protection              | IP65 Class I                                                                                                                                                                                                                      |
| IK Rating               | Protection against mechanical impact IK08 on body and IK06 optical part.                                                                                                                                                          |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components.<br>Wall recessed housing made of GFR polymer.                                                                                                                          |
| Coating Process         | Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C. |
| Diffuser                | Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive.                                                                                                                                 |
| Gasket                  | Weather resistant silicone gasket. Working temperature -40°C to +200°C.                                                                                                                                                           |
| External Screws         | External screws are in stainless steel with protection grease.                                                                                                                                                                    |
| Cable Entry             | Cable entry protected by weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. diameter.                                                                                                                     |
| Led                     | High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.                                                                                        |
| Driver                  | High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.                                                                                                                  |
| Internal Wire           | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.                                                                                                                 |
| Terminal Block          | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.<br>Class1 luminaire provided with the earth connection.                                                                                    |
| Caution                 | Installation work has to be carried on according to the enclosed installation manual.                                                                                                                                             |
| Color                   | <div><div></div> Black O1</div> <div><div></div> Graphite O2</div> <div><div></div> Dark Grey O3</div> <div><div></div> Aluminum Silver O4</div> <div><div></div> White O6</div>                                                  |

|             |                    |
|-------------|--------------------|
| <div></div> | Black O1           |
| <div></div> | Graphite O2        |
| <div></div> | Dark Grey O3       |
| <div></div> | Aluminum Silver O4 |
| <div></div> | White O6           |

#### Light Distribution



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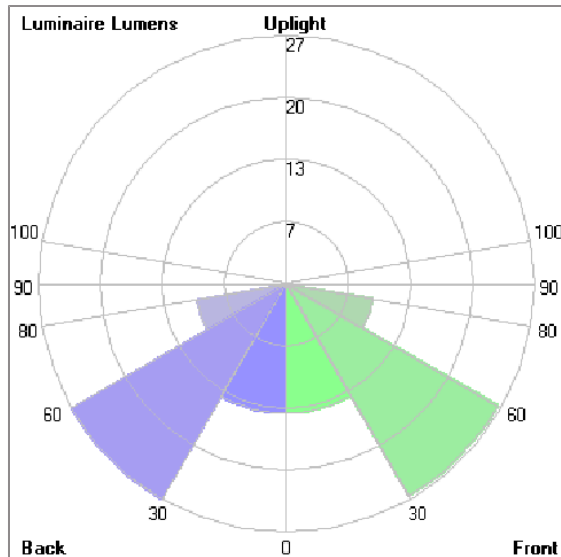
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#### Bug Report



#### Lum. Classification System (LCS)

| LCS        | Zone      | %Lumens  | %Lamp | %Lum  |
|------------|-----------|----------|-------|-------|
| FL         | [0-30]    | 13.9     | 2.6   | 13.7  |
| FM         | [30-60]   | 26.3     | 5.0   | 26.0  |
| FH         | [60-80]   | 9.4      | 1.8   | 9.3   |
| FVH        | [80-90]   | 0.6      | 0.1   | 0.6   |
| BL         | [0-30]    | 14.0     | 2.6   | 13.8  |
| BM         | [30-60]   | 26.7     | 5.0   | 26.4  |
| BH         | [60-80]   | 9.8      | 1.8   | 9.6   |
| BVH        | [80-90]   | 0.7      | 0.1   | 0.7   |
| UL         | [90-100]  | < 0.05   | 0.0   | 0.0   |
| UH         | [100-180] | 0.0      | 0.0   | 0.0   |
| Total      |           | 101.4    | 19.0  | 100.0 |
| BUG Rating |           | B0-U1-G0 |       |       |

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