

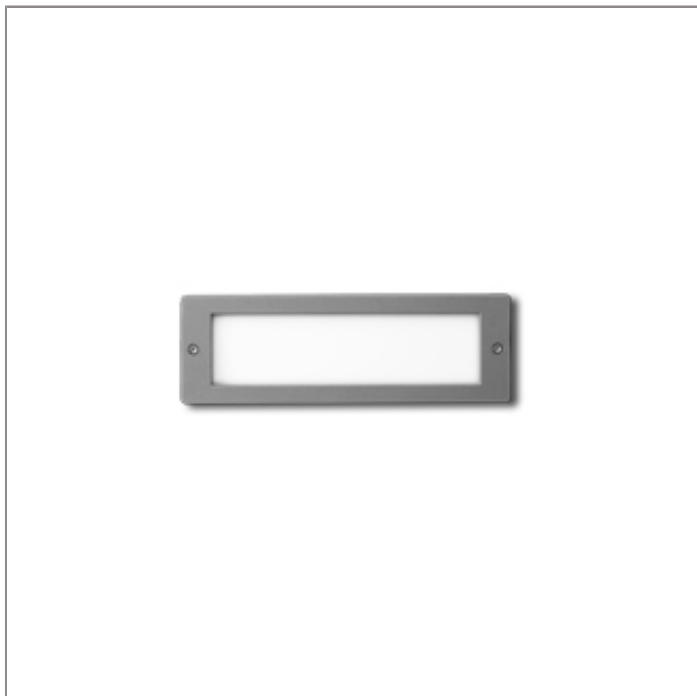
I-BRICK

I-BRICK/2

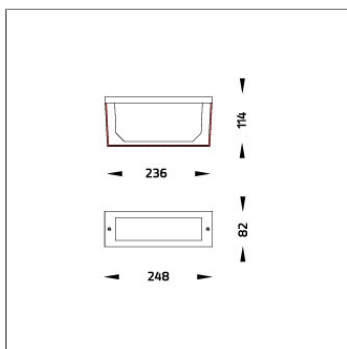
STEPLIGHT & WALL RECESSED LIGHT



LAST UPDATE: 18-02-2024



I-BRICK is a range of wall recessed luminaires with LED and compact fluorescent light sources. An excellent glare control allows it to be installed in most places where a comfortable illumination is needed. The low energy consumption LED module saves operating cost while providing acceptable lighting levels. I-BRICK is available in five different styles in two sizes. Due to its shallow housing I-BRICK can be installed in either wall or step where recess depth is limited. The high quality LED driver is integrated inside the luminaire for ease of installation. I-BRICK is commonly used to illuminate stairways, pathways and walls.



Technical Data



| | |
|-----------------------|--------------------|
| Ordering Code : | 6001-0-3-938-XX |
| Lamp : | LED |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 5 |
| Lamp Lumen : | 470 lm |
| Luminaire Lumen : | 170 lm |
| Lamp Wattage : | 4.1 W |
| Luminaire Wattage : | 5.6 W |
| Efficacy : | 30 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 | | | | |
| | B | | D | |
| A | | C | | 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.

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1
Fax : +66[0]2 943 2419
online@unilamp.co.th
www.unilamp.co.th

I-BRICK

I-BRICK/2

STEPLIGHT & WALL RECESSED LIGHT

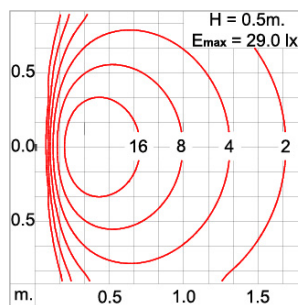
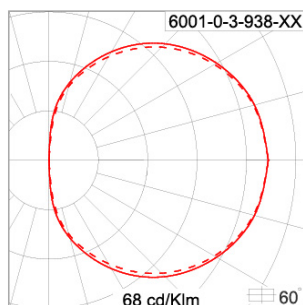
LAST UPDATE: 18-02-2024



Specification

| | | | | | | | | | | | | | |
|-------------------------|--|--|----------|--|-------------|--|--------------|--|---------------------|--|----------|--|-----------------|
| IEC Standard | IEC 60598-1 General Requirement 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 Aluminium alloy body and components. 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. Class1 luminaire provided with the earth connection. | | | | | | | | | | | | |
| Caution | Installation work has to be carried on according to the enclosed installation manual. | | | | | | | | | | | | |
| Color | <table><tr><td></td><td>Black 01</td></tr><tr><td></td><td>Graphite 02</td></tr><tr><td></td><td>Dark Grey 03</td></tr><tr><td></td><td>Aluminium Silver 04</td></tr><tr><td></td><td>White 06</td></tr><tr><td></td><td>Wooden Brown 07</td></tr></table> | | Black 01 | | Graphite 02 | | Dark Grey 03 | | Aluminium Silver 04 | | White 06 | | Wooden Brown 07 |
| | Black 01 | | | | | | | | | | | | |
| | Graphite 02 | | | | | | | | | | | | |
| | Dark Grey 03 | | | | | | | | | | | | |
| | Aluminium Silver 04 | | | | | | | | | | | | |
| | White 06 | | | | | | | | | | | | |
| | Wooden Brown 07 | | | | | | | | | | | | |

Light Distribution



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

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1
Fax : +66[0]2 943 2419
online@unilamp.co.th
www.unilamp.co.th

I-BRICK

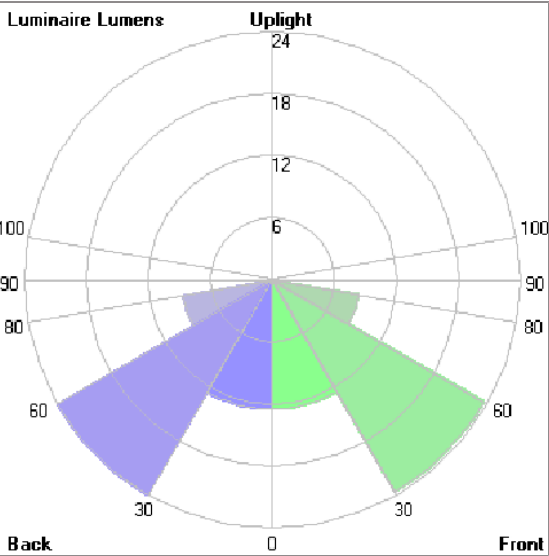
I-BRICK/2

STEPLIGHT & WALL RECESSED LIGHT



LAST UPDATE: 18-02-2024

Bug Report



| Lum. Classification System (LCS) | | | | |
|----------------------------------|-----------|----------|-------|-------|
| LCS | Zone | %Lumens | %Lamp | %Lum |
| FL | [0-30] | 12.3 | 2.6 | 13.7 |
| FM | [30-60] | 23.4 | 5.0 | 26.0 |
| FH | [60-80] | 8.4 | 1.8 | 9.3 |
| FVH | [80-90] | 0.5 | 0.1 | 0.6 |
| BL | [0-30] | 12.4 | 2.6 | 13.8 |
| BM | [30-60] | 23.7 | 5.0 | 26.4 |
| BH | [60-80] | 8.7 | 1.8 | 9.6 |
| BVH | [80-90] | 0.6 | 0.1 | 0.7 |
| UL | [90-100] | < 0.05 | 0.0 | 0.0 |
| UH | [100-180] | 0.0 | 0.0 | 0.0 |
| Total | | 90.0 | 19.0 | 100.0 |
| BUG Rating | | B0-U1-G0 | | |

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