I-BRICK

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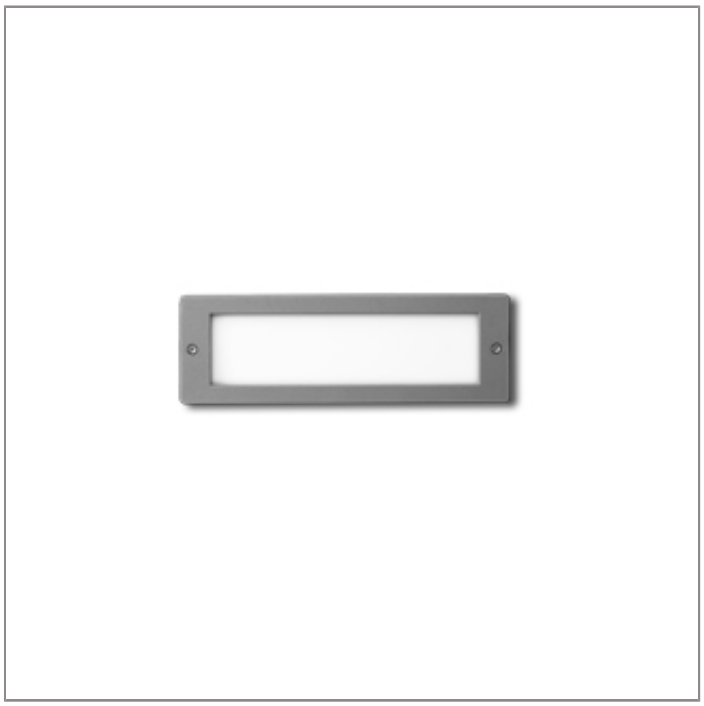
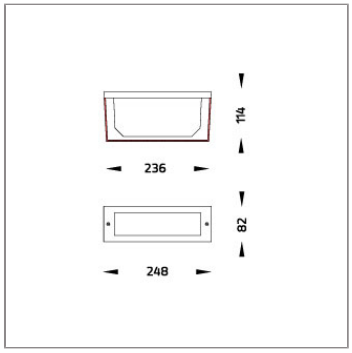
WALL RECESSED LIGHT

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 :	6001-0-3-938-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

B D

XXXX-X-X-XXX-XX

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.

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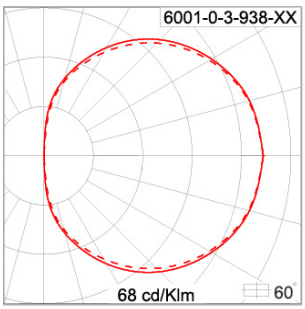
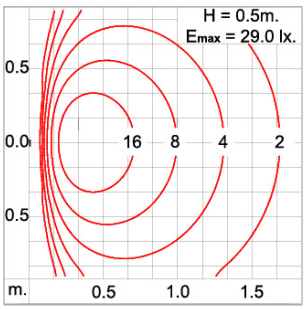
Specification

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 aluminum alloy body and components.
	Wall recessed housing made of GFR polymer.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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	Black 01 Graphite 02 Dark Grey 03 Aluminum Silver 04 White 06

Light Distribution





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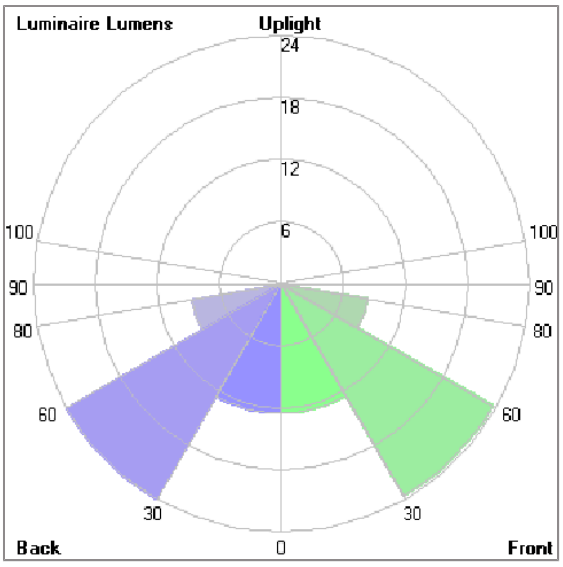
Bug Report



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		

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