# DOT

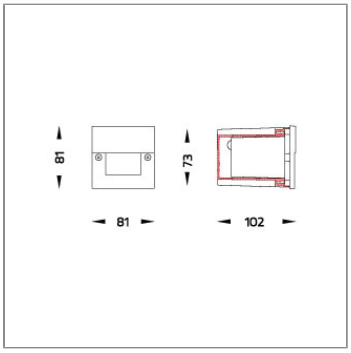
## DOT OPAL SQUARE EYELID CC

### WALL RECESSED LIGHT

LAST UPDATE: 06-02-2026

INTEGRATED DRIVER

DOT family is a range of small recessed wall luminaires with LED light sources. Fitted with world renowned LED manufacturer DOT is highly efficient with low energy consumption. The glare-free cover enables them to be installed where comfortable illumination is required. DOT is available in four different design with interchangeable front covers in both square and round shapes. A very small and shallow housing allows the installation of the fixtures in wall or step that have limited recessing depth. DOT provides directional light for stairways and pathways where comfortable low level of light is preferred.




## Technical Data

IP66 IK 07 07

| | |
|---|---|
| Ordering Code : | 6028-0-3-899-XX |
| Lamp : | LED |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 140 lm |
| Luminaire Lumen : | 28 lm |
| Lamp Wattage : | 1 W |
| Luminaire Wattage : | 2 W |
| Efficacy : | 14 lm/W |
| Ambient Temperature : | 30°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 0.40 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

IK BODY OPTIC Icon definition

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

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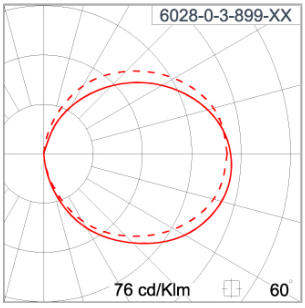
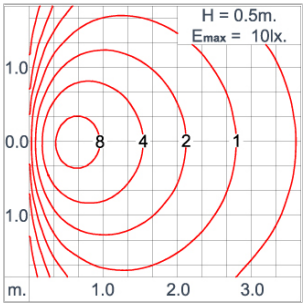
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-2 Recessed Luminaires |
| Protection | IP66 Class II |
| IK Rating | Protection against mechanical impact IK07 on body and optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| | Injected PC body component. |
| 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 5-10mm. 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. |
| Terminal Block | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06 |

## Light Distribution

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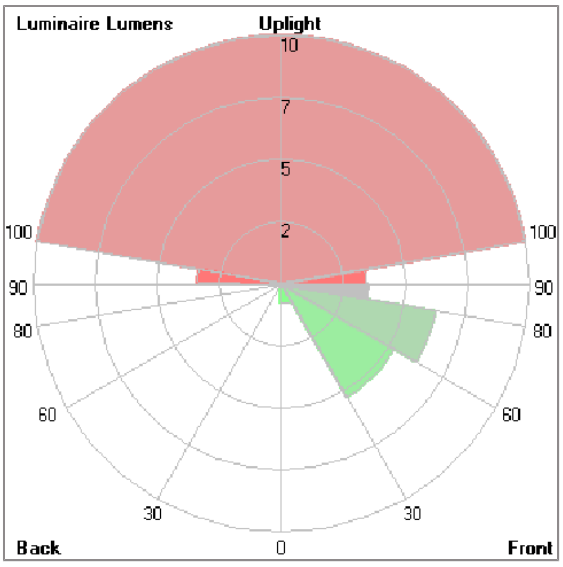
### Bug Report




Lum. Classification System [LCS]

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | [0-30] | 0.8 | 0.5 | 2.7 |
| FM | [30-60] | 5.0 | 3.6 | 17.9 |
| FH | [60-80] | 6.0 | 4.3 | 21.4 |
| FVH | [80-90] | 3.3 | 2.4 | 12.0 |
| BL | [0-30] | < 0.05 | 0.0 | 0.0 |
| BM | [30-60] | < 0.05 | 0.0 | 0.0 |
| BH | [60-80] | < 0.05 | 0.0 | 0.0 |
| BVH | [80-90] | < 0.05 | 0.0 | 0.0 |
| UL | [90-100] | 3.3 | 2.3 | 11.6 |
| UH | [100-180] | 9.6 | 6.8 | 34.1 |
| Total | | 28.0 | 19.9 | 100.0 |
| BUG Rating | | B0-U1-G0 | | |

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