

## Puck

LED 3000 K

Handrail Lighting, Light distribution direct  
 Recessed Adjustable Spotlight Safety Screen  
 IP66/IK10  
 One-sided asymmetric beam, wall thickness 1.5-2.5 mm  
 Handrail square

Product MP1201011-70-30  
 Operating Technology 83746

Note: The components must be ordered separately.

### Light Technique

one-sided asymmetric beam  
 beam angle  $\alpha 1$  20/60° crosswise and  $\alpha 2$  80° with the handrail  
 lens made of polycarbonate (IP66)  
 CRI > 80  
 constant color temperature  
 lifetime 50.000 h (L90)

### Luminaire housing

corrosion protected stainless steel V4A  
 impact resistant IK10 (EN62262)  
 suitable for flat handrails with a wall thickness > 1.5 mm  
 IP66 outside

### Operating and assembly technology

External LED driver IP20, to be ordered separately  
 Operating a max. of 20 Pucks per driver (SELV)  
 Unlikely fail limited to single LED Puck (all other Pucks remain in operation mode)  
 Suitable for metallic handrails e.g. made of stainless steel or aluminium with a square cross section  
 Mounting in M 16 x 1 tap holes  
 Integration later possible at site  
 Easy replacement of several LED-Pucks via screw thread  
 Theft protection with special tools for removal

### Required Accessories

Mounting accessories MP-001, MP-003

### Optional equipment

Mounting Accessories MP-002, MP-004

### Light Technique

|                         |          |
|-------------------------|----------|
| Lamp Wattage            | 1 W      |
| Colour Rendering Index  | 80       |
| Colour Temperature      | 3000 K   |
| Luminaire Luminous Flux | 119 Llm  |
| System Efficiency       | 79 Llm/W |
| Energy Efficiency Class | A++      |
| Number Luminaires LZ    | 1.13     |

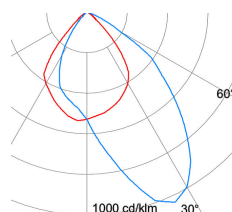
### Operating technology

|                |   |
|----------------|---|
| Connector      | plug-in terminal, 2 x 2.5 mm <sup>2</sup> |
| Operation Mode | standard                                  |

### Dimensions

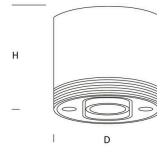
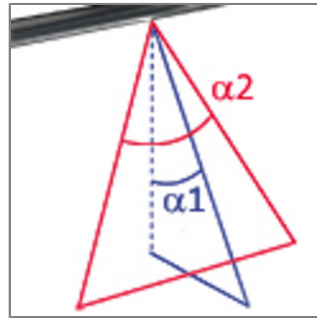
|                       |        |
|-----------------------|--------|
| Diameter D            | 16 mm  |
| Height H              | 15 mm  |
| Installation Depth RD | 18 mm  |
| Total Weight          | 0.2 kg |

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 Recessed Adjustable Spotlight Safety Screen  
 IP66/IK10  
 One-sided asymmetric beam, wall thickness 1.5-2.5 mm  
 Handrail square

Product MP1201011-70-30  
 Operating Technology 83747

Note: The components must be ordered separately.

### Light Technique

one-sided asymmetric beam  
 beam angle  $\alpha_1$  20/60° crosswise and  $\alpha_2$  80° with the handrail  
 lens made of polycarbonate (IP66)  
 CRI > 80  
 constant color temperature  
 lifetime 50.000 h (L90)

### Luminaire housing

corrosion protected stainless steel V4A  
 impact resistant IK10 (EN62262)  
 suitable for flat handrails with a wall thickness > 1.5 mm  
 IP66 outside

### Operating and assembly technology

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 Theft protection with special tools for removal

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### Optional equipment

Mounting Accessories MP-002, MP-004

### Light Technique

|                         |          |
|-------------------------|----------|
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| Colour Rendering Index  | 80       |
| Colour Temperature      | 3000 K   |
| Luminaire Luminous Flux | 119 Llm  |
| System Efficiency       | 79 Llm/W |
| Energy Efficiency Class | A++      |
| Number Luminaires LZ    | 1.13     |

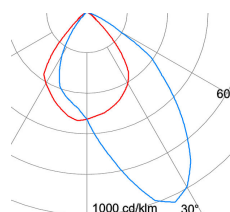
### Operating technology

|                |   |
|----------------|---|
| Connector      | plug-in terminal, 5 x 2.5 mm <sup>2</sup> |
| Operation Mode | DALI                                      |

### Dimensions

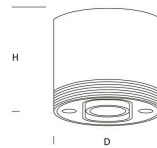
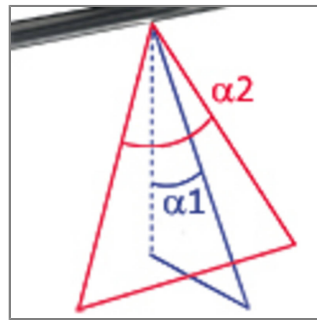
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Handrail Lighting, Light distribution direct  
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 IP66/IK10  
 Double-sided beam; wall thickness 1,5-2,5 mm  
 Handrail square

Product MP1201013-70-30  
 Operating Technology 83746  
 Note: The components must be ordered separately.

### Light Technique

double-sided symmetric beam  
 beam angle  $\alpha 1$  90° crosswise and  $\alpha 2$  70° with the handrail  
 lens made of polycarbonate (IP66)  
 CRI > 80  
 constant color temperature  
 lifetime 50.000 h (L90)

### Luminaire housing

corrosion protected stainless steel V4A  
 impact resistant IK10 (EN62262)  
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### Operating and assembly technology

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### Optional equipment

Mounting Accessories MP-002, MP-004

### Light Technique

|                         |          |
|-------------------------|----------|
| Lamp Wattage            | 1 W      |
| Colour Rendering Index  | 80       |
| Colour Temperature      | 3000 K   |
| Luminaire Luminous Flux | 132 Llm  |
| System Efficiency       | 88 Llm/W |
| Energy Efficiency Class | A++      |
| Number Luminaires LZ    | 1.01     |

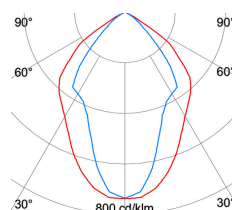
### Operating technology

|                |   |
|----------------|---|
| Connector      | plug-in terminal, 2 x 2.5 mm <sup>2</sup> |
| Operation Mode | standard                                  |

### Dimensions

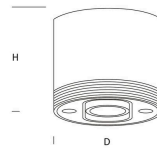
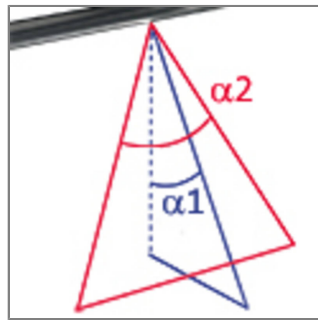
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| Number Luminaires LZ    | 1.01     |

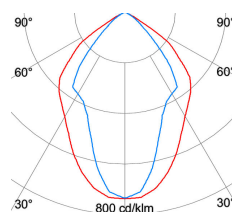
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