

# BASO 60 IP54 opal

trim

845-3524537H



Project / Type

Notes

Count / Date



IP 54

220-240 V

### General

Ceiling | Recessed

traffic white | RAL 9016 <sup>1</sup>

IP54

2640 lm

2210 lm/m

### LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.54 | MDER 0.49

### Optical

High Performance Opal | opal (lambertsch)

### Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 21.5 W

system 123 lm/W <sup>2</sup>

18 W/m

### Physical

trim

length 1219 mm | width 76 mm | height 75 mm

2.63 kg

### Cutout

length 1209 mm | width 66 mm

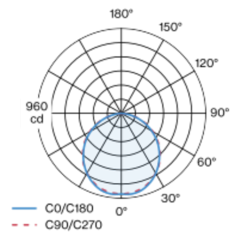
min. ceiling thickness 8 mm | max. ceiling thickness 20 mm

recessed depth 100 mm

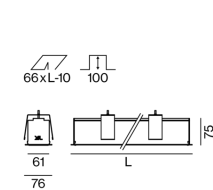
<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Light distribution



### Product drawing



### Installation instructions



### Lighting calculator



['845-3524537H'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.98   | 0.96   | 0.94   | 0.91   | 0.9    |
| LSF                | 1      | 1      | 1      | 1      | 1      |

|                  |                              |                   |                                 |
|------------------|------------------------------|-------------------|---------------------------------|
| MF               | LMF × RSMF × LLMF × LSF      | RSMF <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor           | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor | LSF               | Lamp Survival Factor            |

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10                            | 15                 |
| B13                            | 19                 |
| B16                            | 24                 |
| B20                            | 30                 |
| B25                            | 37                 |
| C10                            | 24                 |
| C13                            | 32                 |
| C16                            | 40                 |
| C20                            | 49                 |
| C25                            | 62                 |

## MOUNTING

### CONCRETE INSTALLATION HOUSING

|            |                   |
|------------|-------------------|
| L·W·H (MM) | ARTICLE NUMBER(S) |
| 1262·75·88 | 045-3594010       |

