

# BASO 60 IP54 opal

trim

845-3522537H



Project / Type \_\_\_\_\_

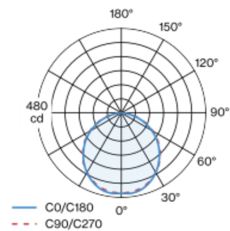
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; suitable for ceiling thickness of 8-20 mm; surface white powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining lamp components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP54; PC2 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. DALI-2 converter; IP 67 socket connector system for easy and sealed electrical connection; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling , Recessed \_\_\_\_\_

white , RAL9016 <sup>1</sup> \_\_\_\_\_

2210 lm/m \_\_\_\_\_

IP54 \_\_\_\_\_

1320 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_

CRI  $\geq 80$  \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

photobio. safety RG 0 - no Risk \_\_\_\_\_

initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

MR 0.54 \_\_\_\_\_

MDER 0.49 \_\_\_\_\_

## Optical

High Performance Opal \_\_\_\_\_

opal (lambertsch) \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_

system 10.8 W \_\_\_\_\_

PC2 220-240V \_\_\_\_\_

system 122 lm/W<sup>2</sup> \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

18 W/m \_\_\_\_\_

## Physical

trim \_\_\_\_\_

length 619 mm \_\_\_\_\_

width 76 mm \_\_\_\_\_

height 75 mm \_\_\_\_\_

1.5 kg \_\_\_\_\_

## Cutout

length 609 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. optical losses and the efficiency of the operating device (converter)

## Installation instructions



## Lighting calculator



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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 Faktor

<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

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
662 mm	662-75-88	045-3592010

