

BASO 60 IP54 opal

trim

845-352853DH



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

umbra grey | RAL 7022 ¹

IP54

5280 lm

2200 lm/m

LED

3000 K

CRI \geq 80

L90 / 50000 h

initial MacAdam \leq 3 SDCM

MR 0.54 | MDER 0.49

Optical

High Performance Opal | opal (lambertsch)

PstLM \leq 1.0 ² | SVM \leq 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 43 W

system 123 lm/W ³

18 W/m

Physical

trim

length 2419 mm | width 76 mm | height 75 mm

5 kg

Cutout

length 2409 mm | width 66 mm

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

recessed depth 100 mm

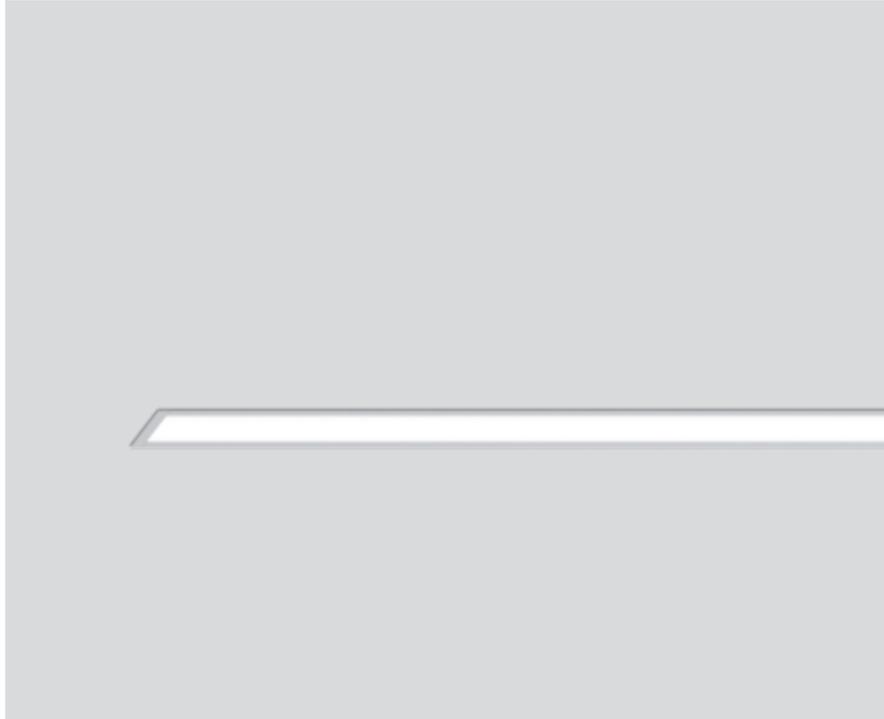
¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

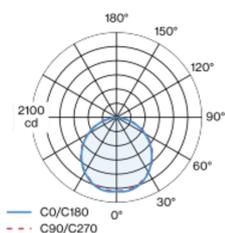


Lighting calculator

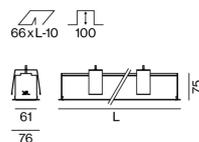


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; suitable for ceiling thickness of 8-20 mm; surface umbra grey powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining lamp components 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; 220-240 V; 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



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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 ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a 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)
2462-75-88

ARTICLE NUMBER(S)
045-3598010

