

# FLOW 320

surface

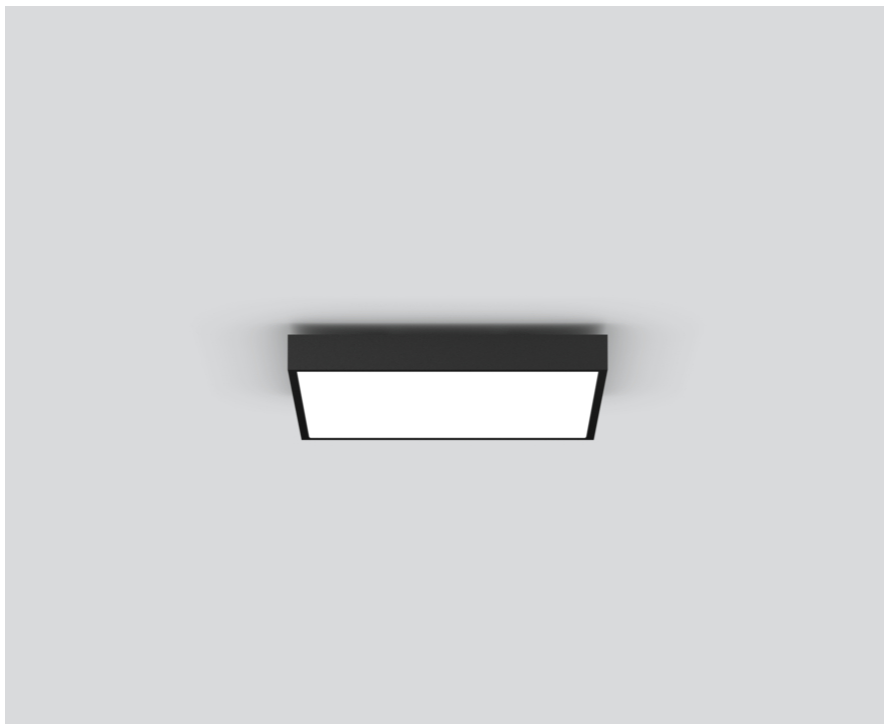
073-01315380



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

Notes \_\_\_\_\_

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



## General

Ceiling / Wall , Surface \_\_\_\_\_

black , RAL9005 <sup>1</sup> \_\_\_\_\_

IP40 \_\_\_\_\_

2000 lm \_\_\_\_\_

## LED

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

CRI ≥ 80 \_\_\_\_\_

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

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

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

MR 0.44 \_\_\_\_\_

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

## Optical

Opal \_\_\_\_\_

## Electrical

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

15.4 W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

130 lm/W \_\_\_\_\_

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

## Physical

length 311 mm \_\_\_\_\_

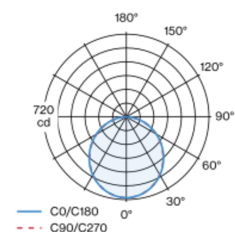
width 311 mm \_\_\_\_\_

height 46 mm \_\_\_\_\_

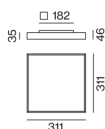
2,1 kg \_\_\_\_\_

Square light fitting made of aluminium; flat design (luminaire housing 35mm); surface black powder coated; suitable for wall or ceiling mounting; luminaire housing set 11mm away from wall or ceiling; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneously illuminated, satin PMMA cover; same luminance for all size versions; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; luminaire with 2 cable openings and plug-in terminal for through wiring; degree of protection IP40; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



<sup>1</sup> RAL code

## Installation instructions



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	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	21
B13	28
B16	35
B20	44
C10	35
C13	46
C16	58
C20	73

## Other accessories

### DISMOUNTING TOOL

ARTICLE NUMBER(S)  
073-0100000

