

BETO curve 400 | 180° direct / indirect power

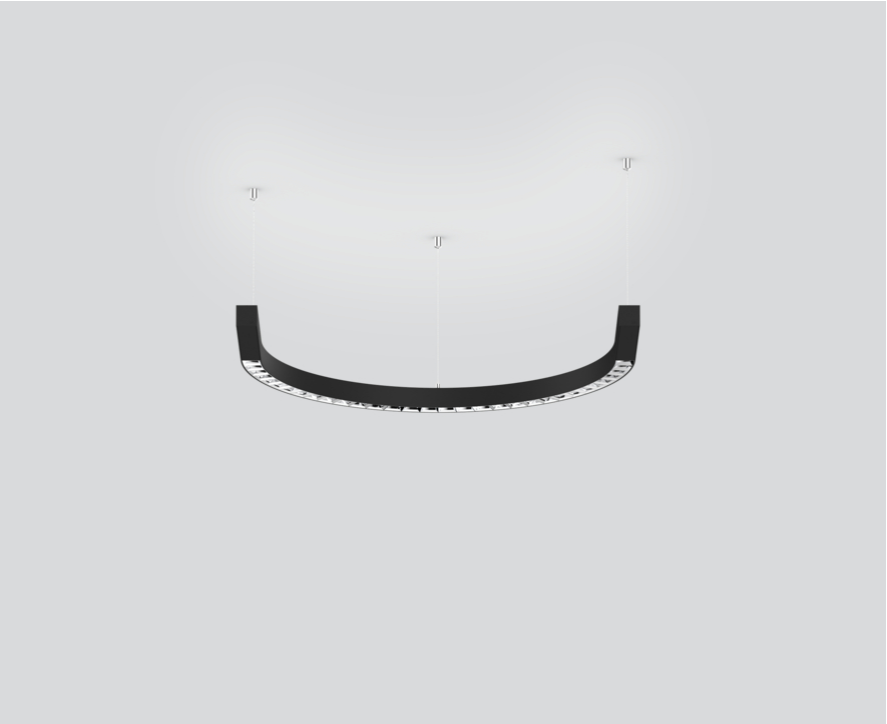
suspended system
074-7132638R



Project / Type

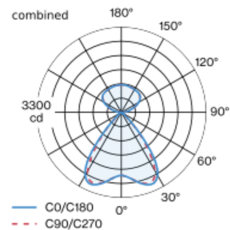
Notes

Count / Date

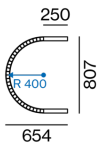


Luminaire housing made of extruded aluminium profile; extremely slim design (only 42 x 42 mm); CURVE segment design 180°; converter integrated into luminaire housing; no visible screws; angular design; for lighting systems; surface black powder coated; for suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; extruded profile for improved thermal management; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high gloss reflector with faceted design; Reflector chrome; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; direct/indirect illumination characteristic; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Suspended

black | RAL 9005 ¹

Reflector chrome

IP20

indirect 4510 lm | direct 3610 lm

total 8120 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72 | MDER 0.65

Optical

Reflector | symmetric

UGR ≤ 16 | $\geq 65^\circ < 1500$ cd/m²

PstLM ≤ 1.0 ^{2 3 4} | SVM ≤ 0.4 ^{2 3 4}

Electrical

DALI-2 | 2 DALI Addr.

PC1 | 220-240 V

system 53 W

system 153 lm/W ⁵

Physical

length 654 mm | width 807 mm | height 42 mm

centerline radius 400 mm

segment 180°

2.7 kg

¹ RAL code ² combined ³ segment
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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	0.92	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	20
B16	25
B20	31
C10	26
C13	33
C16	42
C20	52

MOUNTING

END CAPS

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	30-42-42	074-6090017
jet black	30-42-42	074-6090018



LINEAR CONNECTOR

ARTICLE NUMBER(S)
074-6091120



CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
chrome	005-2152110



CANOPY / FEEDER CABLE

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
5 x 1,5 mm ²	pure white	90-90-22	005-2212417
5 x 1,5 mm ²	jet black	90-90-22	005-2212418



THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
5 x 1,5 mm ² 10 pieces	004-90005



CORNER CONNECTOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
90° incl. through wire 5 x 1,5 mm ²	pure white	250-250-42	074-6091217
90° incl. through wire 5 x 1,5 mm ²	jet black	250-250-42	074-6091218



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OPTICAL

BLIND COVER

COLOUR	ARTICLE NUMBER(S)
traffic white	074-6099107
jet black	074-6099108
traffic white	074-6099117
jet black	074-6099118

