

BETO linear direct / indirect
power
suspended system
074-6036538R



Project / Type _____

Notes _____

Count / Date _____



General	
Ceiling , Suspended	_____
black , RAL 9005 ¹	_____
Reflector chrome	_____
IP20	_____
indirect 3710 lm	_____
direct 3170 lm	_____
total 6880 lm	_____

LED	
3000 K	_____
CRI ≥ 80	_____
L90 / 50000 h	_____
initial MacAdam ≤ 3 SDCM	_____
MR 0.56	_____
MDER 0.51	_____

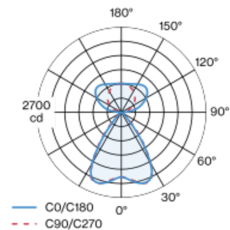
Optical	
Reflector	_____
symmetric	_____
UGR ≤ 13 , ≥65° <1500 cd/m²	_____

Electrical	
DALI-2	_____
220-240 V	_____
system 51 W	_____
system 135 lm/W ²	_____
PC1	_____
2 DALI Addr.	_____

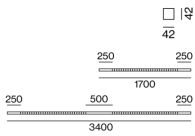
Physical	
length 1700 mm	_____
width 42 mm	_____
height 42 mm	_____
2.6 kg	_____

Luminaire housing made of extruded aluminium profile; extremely slim design (only 42 x 42 mm) linear; 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 3000 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 ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 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



¹ RAL code
² 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 Faktor	

^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
B25	39
C10	26
C13	33
C16	42
C20	52
C25	65

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

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

