

# MINO 60 CURVE 45° high lumen

ceiling / suspended system  
034-0950618Z

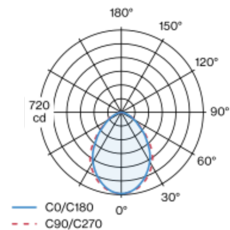


Project / Type	
Notes	
Count / Date	



Circular segment of rolled aluminium profile, angular design, seamlessly welded; CURVE segment design 45°; for continuous lighting systems; light tight final end caps made of aluminium (available as an accessory); no visible screws; surface black powder coated; for ceiling surface mounting or suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; freely positionable; luminaire profile for mounting available in advance; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 4000 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. converter, non dimmable; 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 , RAL9005 <sup>1</sup>
2280 lm/m
IP20
1340 lm

## LED

4000 K
CRI $\geq 80$
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam $\leq 3$ SDCM
MR 0.72
MDER 0.65

## Optical

Microprismatic
microprismatic
PstLM $\leq 1.0$ <sup>2</sup>
SVM $\leq 0.4$ <sup>2</sup>

## Electrical

non DIM
system 11.9 W
PC1 220-240V
system 113 lm/W <sup>3</sup>
20 W/m

## Physical

width 60 mm
height 80 mm
curve length 589 mm
centerline radius 750 mm
segment 45°
1.6 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</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	0.92	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	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

## Mounting accessories

### END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	traffic white	60-80-8	034-0902017
1 pair	jet black	60-80-8	034-0902018
1 pair	white aluminium	60-80-8	034-090201G
1 pair	special colours	60-80-8	034-090201X



## Mounting accessories

### CEILING CLIP

COLOUR	ARTICLE NUMBER(S)
transparent	034-11636



## Mounting accessories

### CABLE SUSPENSION

ARTICLE NUMBER(S)
005-2122110



### CABLE RAIL

Ø (MM)	ARTICLE NUMBER(S)
1200	005-2491110



## Electrical accessories

### THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
3 x 1,5 mm <sup>2</sup>   10 pieces	004-90003
5 x 1,5 mm <sup>2</sup>   10 pieces	004-90005



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## Electrical accessories

### CANOPY / FEEDER CABLE

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
3 x 1,5 mm <sup>2</sup>	traffic white	90-90-22	005-2212317
3 x 1,5 mm <sup>2</sup>	jet black	90-90-22	005-2212318
5 x 1,5 mm <sup>2</sup>	pure white	90-90-22	005-2212417
5 x 1,5 mm <sup>2</sup>	jet black	90-90-22	005-2212418

