

# MINO 60 CURVE 90° mid lumen

ceiling / suspended system  
034-0945517Z



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

Notes \_\_\_\_\_

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



RG0 IEC 62471

220-240V

X-PERT

X-PERT

## General

Ceiling , Suspended

white , RAL9010 <sup>1</sup>

1370 lm/m

IP20

1070 lm

## LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.56

MDER 0.51

## Optical

Microprismatic

microprismatic

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM

10.4 W

PC1 220-240V

103 lm/W

13 W/m

## Physical

width 60 mm

height 80 mm

curve length 785 mm

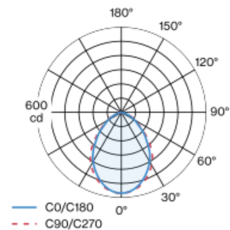
centerline radius 500 mm

segment 90°

1.8 kg

Circular segment of rolled aluminium profile, angular design, seamlessly welded; CURVE segment design 90°; for continuous lighting systems; light tight final end caps made of aluminium (available as an accessory); no visible screws; surface white 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 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



# MINO 60 CURVE 90° mid lumen

ceiling / suspended system

034-0945517Z



Project / Type

Notes

Count / Date

## 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         |



[034-0945517Z] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

03.11.2024

# MINO 60 CURVE 90° mid lumen

ceiling / suspended system  
034-0945517Z



Project / Type

Notes

Count / Date

## 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       |

