

# MINO 60 S CIRCLE

## 1500 direct

suspended  
034-741063GH



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

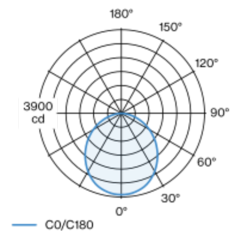
Notes \_\_\_\_\_

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



Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; flat design; suspended luminaire with 1500mm cable suspension (canopy central); height adjustment without tools; incl. feed (white); surface grey powder coated; extruded profile 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; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; converter included in canopy; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



### General

Ceiling , Suspended  
grey , RAL 9006 <sup>1</sup>  
IP20  
10300 lm

### LED

4000 K  
CRI  $\geq 80$   
L90 / 50000 h  
initial MacAdam  $\leq 3$  SDCM  
MR 0.72  
MDER 0.65

### Optical

High Performance Opal  
opal (lambertsch)  
PstLM  $\leq 1.0$  <sup>2</sup>  
SVM  $\leq 0.4$  <sup>2</sup>

### Electrical

DALI-2  
220-240 V  
system 83 W  
system 124 lm/W<sup>3</sup>  
PC1  
1 DALI Addr.

### Physical

cable 1500 mm / canopy central  
diameter 1560 mm  
height 60 mm  
centerline radius 750 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses  
& operating device efficiency

### Installation instructions



### Lighting calculator



# MINO 60 S CIRCLE

## 1500 direct

suspended  
034-741063GH



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

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

<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                            | 6                  |
| B13                            | 8                  |
| B16                            | 10                 |
| B20                            | 12                 |
| C10                            | 10                 |
| C13                            | 13                 |
| C16                            | 16                 |
| C20                            | 20                 |

