

MINO 40 flex mid lumen

ceiling / suspended system

042-011F137 042-100201X 006-4210010Z



| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |



General

| | |
|---------------------|--|
| Ceiling , Suspended | |
| special colours | |
| special colours | |
| IP20 | |
| 1300 lm | |
| 1300 lm/m | |

LED

| | |
|--|--|
| 4000 K | |
| CRI ≥ 90 | |
| L90 / 50000 h | |
| initial MacAdam ≤ 3 SDCM | |
| R _g : 99 , R _f : 92 , R ₍₁₋₁₅₎ : 90 | |
| MR 0.81 | |
| MDER 0.74 | |

Optical

| | |
|--------------------------|--|
| Microprismatic | |
| microprismatic | |
| PstLM ≤ 1.0 ¹ | |
| SVM ≤ 0.4 ¹ | |

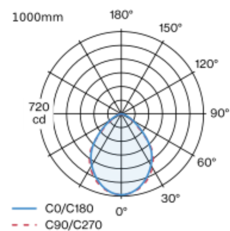
Electrical

| | |
|------------------------------|--|
| DALI-2 | |
| 220-240 V | |
| system 12.1 W | |
| PC1 | |
| system 107 lm/W ² | |
| 12 W/m | |

Physical

| | |
|--|--|
| length 1000 mm | |
| width 40 mm | |
| height 65 mm | |
| 5.5 kg | |
| L (mm): 500 - 1000, breakable every 62.5mm | |

Light distribution



Product drawing



¹ Value of containing product at full load (undimmed)
² 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 ^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 | 21 |
| B13 | 27 |
| B16 | 34 |
| B20 | 42 |
| C10 | 35 |
| C13 | 45 |
| C16 | 56 |
| C20 | 70 |

Components

INSTALLATION CHANNEL

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------|-----------------|------------|-------------------|
| 1000 mm | special colours | 1000-40-65 | 042-100201X |



LINEAR COVER

| TYPE | ARTICLE NUMBER(S) |
|---------|-------------------|
| 1000 mm | 006-4210010Z |



Mounting accessories

END CAPS

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------|-----------------|------------|-------------------|
| 1 pair | pure white | 65-40-4 | 042-1090017 |
| 1 pair | jet black | 65-40-4 | 042-1090018 |
| 1 pair | white aluminium | 65-40-4 | 042-109001G |
| 1 pair | special colours | 65-40-4 | 042-109001X |
| 1 pair | traffic white | 65-40-4 | 042-109001W |



Mounting accessories

LINEAR CONNECTOR

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------------------------|-----------|------------|-------------------|
| mechanical | jet black | 120-36-14 | 042-7091110 |
| mechanical & electrical | jet black | 120-36-14 | 042-7091230 |



OPAL COVER LINEAR CONNECTOR

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|------------|-------------------|
| pure white | 120-36-14 | 042-1091910 |



MICROPRISMATIC COVER LINEAR CONNECTOR

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|------------|-------------------|
| pure white | 120-36-14 | 042-1091810 |



[042-011F137 042-100201X 006-4210010Z] 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.
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CEILING FASTENER

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------|------------|-------------------|
| traffic white | 67-31-8 | 050-2041117 |
| jet black | 67-31-8 | 050-2041118 |



CABLE SUSPENSION

| COLOUR | ARTICLE NUMBER(S) |
|--------|-------------------|
| chrome | 005-2152110 |



CANOPY

| COLOUR | ARTICLE NUMBER(S) |
|---------------|-------------------|
| traffic white | 005-2311217 |
| jet black | 005-2311218 |



FEEDER CABLE

| COLOUR | ARTICLE NUMBER(S) |
|-------------|-------------------|
| transparent | 005-2412410 |



Electrical accessories

POWER FEEDER UNIT

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 80-36-17 | 042-1093230 |



Optical accessories

BLIND COVER

| TYPE | COLOUR | ARTICLE NUMBER(S) |
|---------|-----------------|-------------------|
| 1000 mm | traffic white | 006-4210017B |
| 1000 mm | jet black | 006-4210018B |
| 1000 mm | white aluminium | 006-421001GB |
| 2000 mm | traffic white | 006-4220017B |
| 2000 mm | jet black | 006-4220018B |
| 2000 mm | white aluminium | 006-422001GB |
| 3000 mm | traffic white | 006-4230017B |
| 3000 mm | jet black | 006-4230018B |
| 3000 mm | white aluminium | 006-423001GB |
| 1000 mm | special colours | 006-421001XB |
| 2000 mm | special colours | 006-422001XB |
| 3000 mm | special colours | 006-423001XB |



CONTINUOUS LINEAR COVER

| TYPE | ARTICLE NUMBER(S) |
|----------|-------------------|
| 25000 mm | 006-2225010H |
| 6000 mm | 006-2206010H |

