WEVER & DUCRÉ LIGHTING

# ROOMOR OFFICE on track 1.0

**1684M5B5**

**PROJECT**

**TYPE**

**NOTES**

**QUANTITY**

**DATE**



Round suspended luminaire made from aluminium for 3-phase track system; microprismatic PMMA cover; polycarbonate track adapter and cable in Signal Black; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; surface Black Matt wet painted; matt texture; RAL 9011; inclusive adjustable cable suspension max. 2500mm; PCB; DALI dim; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90; degree of protection IP20; Class 2; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;




## LUMINAIRE

Ceiling
Track / Suspended
Black Matt
RAL 9011 [a]
IP20
Interior
3660 lm

## LED MODULE

3000 K
CRI ≥ 90
L80 / 80000 h
≤ 3 SDCM (initial MacAdam)

## OPTICAL

Microprismatic
UGR ≤ 19
CIE flux code: 65 89 97 100 100
≥65° < 3000 cd/m²

## ELECTRICAL

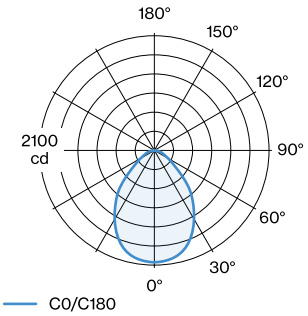
DALI-2
220 - 240 V
system 35 W
Class II

## PHYSICAL

diameter 560 mm
height 216 mm
4.4 kg
adapter 265 mm
incl. 3-phase track adapter

[a] Colour may deviate slightly due to production conditions

## LIGHT DISTRIBUTION



**Maintenance Factor**

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|---|---|---|---|---|---|
| LLMF | 0.98 | 0.95 | 0.92 | 0.9 | 0.87 |
| LSF | 1 | 1 | 1 | 1 | 1 |

| | |
|---|---|
| MF | LMF × RSMF × LLMF × LSF |
| MF | Maintenance Factor |
| LMF[a] | Luminaire Maintenance Factor |

| | |
|---|---|
| RSMF[a] | Room Surface Maintenance Factor |
| LLMF | Lamp Lumens Maintenance Factor |
| LSF | Lamp Survival Factor |

[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.

## TRACK ACCESSORIES

**CUTTING TOOL**

| TYPE | COLOUR | VOLTAGE | ITEM NUMBER |
|---|---|---|---|
| 3-phase track and 48V track | | | 90014165 |

**END CAP**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| left/right | White | | 32·32·38 | 90014216 |
| 3-phase track \| left/right | Black | | 32·32·38 | 90014217 |

**END FEED | LEFT**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 148·32·38 | 90014238 |
| 3-phase track | Black | | 148·32·38 | 90014239 |

**END FEED | RIGHT**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 148·32·38 | 90014240 |
| 3-phase track | Black | | 148·32·38 | 90014241 |

**FLEXIBLE CONNECTOR**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 143·143·38 | 90014288 |
| 3-phase track | Black | | 143·38·31 | 90014289 |

**HOOK**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 26·28·48 | 90014284 |
| 3-phase track | Black | | 26·28·48 | 90014285 |

**L-CONNECTOR 1.0**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| left | White | | 143·140·38 | 90014220 |
| 3-phase track \| left | Black | | 143·140·38 | 90014221 |

**L-CONNECTOR 2.0**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| right | White | | 143·140·38 | 90014222 |
| 3-phase track \| right | Black | | 143·140·38 | 90014223 |

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**MIDDLE FEED**

| TYPE | COLOUR | VOLTAGE | L·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| straight | White | | 253·38 | 90014224 |
| 3-phase track \| straight | Black | | 253·38 | 90014225 |

**POWER OUTLET**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | Black | | 85·54·103 | 90014253 |
| 3-phase track | White | | 85·54·103 | 90014254 |

**STRAIGHT CONNECTOR**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| straight | White | | 115·25·33 | 90014226 |
| 3-phase track \| straight | Black | | 115·25·33 | 90014227 |

**SUSPENSION SET 1.5M**

| TYPE | COLOUR | VOLTAGE | Ø·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| suspended | White | | 32·1500 | 90014206 |
| 3-phase track \| suspended | Black | | 32·1500 | 90014207 |

**SUSPENSION SET 3.0M**

| TYPE | COLOUR | VOLTAGE | Ø·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| suspended | White | | 32·3000 | 90014208 |
| 3-phase track \| suspended | Black | | 32·3000 | 90014209 |

**T-CONNECTOR 1.0**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 254·143·38 | 90014228 |
| 3-phase track | Black | | 254·143·38 | 90014229 |

**T-CONNECTOR 2.0**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 254·143·38 | 90014230 |
| 3-phase track | Black | | 254·143·38 | 90014231 |

**T-CONNECTOR 3.0**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 254·143·38 | 90014232 |
| 3-phase track | Black | | 254·143·38 | 90014233 |

**T-CONNECTOR 4.0**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 254·143·38 | 90014234 |
| 3-phase track | Black | | 254·143·38 | 90014235 |

**TRACK COVER**

| TYPE | COLOUR | VOLTAGE | L·W (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| 1.0 m | White | | 1000·26 | 90014236 |
| 3-phase track \| 1.0 m | Black | | 1000·26 | 90014237 |

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**X-FEED**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track | White | | 254·254·38 | 90014248 |
| 3-phase track | Black | | 254·254·38 | 90014249 |

## TRACKS

**TRACK PROFILE 1M**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| surface/suspended | White | | 1000·32·38 | 90014200 |
| 3-phase track \| surface/suspended | Black | | 1000·32·38 | 90014201 |

**TRACK PROFILE 2M**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| surface/suspended | White | | 2000·32·38 | 90014202 |
| 3-phase track \| surface/suspended | Black | | 2000·32·38 | 90014203 |

**TRACK PROFILE 3M**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 3-phase track \| surface/suspended | White | | 3000·32·38 | 90014204 |
| 3-phase track \| surface/suspended | Black | | 3000·32·38 | 90014205 |

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