

# PROJECT TYPE NOTES QUANTITY DATE





Cone shaped ceiling suspended luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; inclusive adjustable cable suspension max. 2200mm in Signal Black; PCB 3-step binning; phase-cut dim; light colour 2700 K; binning initial MacAdam  $\leq$ 3 SDCM; CRI  $\geq$  90; 220 - 240 V; degree of protection IP20; Class 1; driver included; light source not replaceable; control gear replaceable by end-user;

GENERAL

Ceiling
Suspended
Black Matt
RAL 9011 <sup>a</sup>
IP20
Interior
405 lm
CIE flux code: 79 90 97 95 100

# LED

2700 K CRI  $\geq$  90 L80 / 100000 h initial MacAdam  $\leq$  3 SDCM

#### OPTICAL

Standard beam angle 38°

## ELECTRICAL

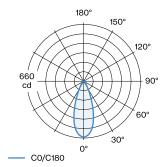
phase-cut dim 220 - 240 V system 7.7 W Class 1

### PHYSICAL

diameter 45 mm	
height 265 mm	
0.55 kg	
cable length 2200 mm	

<sup>a</sup> Colour may deviate slightly due to production conditions.

# LIGHT DISTRIBUTION





200184B3

['200184B3'] 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 Wever & Ducré BV apply.

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#### CONE DIAGRAM

standard 38°

h (m)	EO° (Ix)	ø (m)
1	650	0.69
2	163	1.38
3	72	2.07
4	41	2.76
5	26	3.45

#### **Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.98	0.98	0.97	0.97
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 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.

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