



WEVER & DUCRÉ  
LIGHTING

# DEEP IP65 1.0 LED

184161B3C

Project
Type
Notes
Quantity
Date

## GENERAL

Ceiling  
 Recessed  
 Jet Black  
 IP65  
 Interior  
 375<sup>a</sup> to 575<sup>b</sup> lm  
 RAL 9005<sup>c</sup>

## LED

2700 K  
 CRI 90  
 L80 / 50000 h  
 3-step binning  
 MR 0.53  
 MDER 0.48

## OPTICAL

Flood  
 Beam angle 36°

## PHYSICAL

Diameter 95 mm  
 Height 73 mm  
 0.24 kg  
 blade springs

## ELECTRICAL

excl. power supply  
 18 V  
 Total connected power 12 W  
 LED Inset 8.7 W  
 500 mA  
 PC3  
 Safety distance 0.3 m

## CUTOUT

Diameter 86-89 mm  
 Min. ceiling thickness 13 mm  
 Recessed depth 90 mm

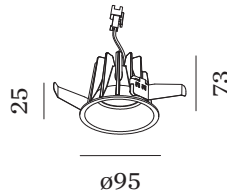
<sup>a</sup> 350mA

<sup>b</sup> 500mA

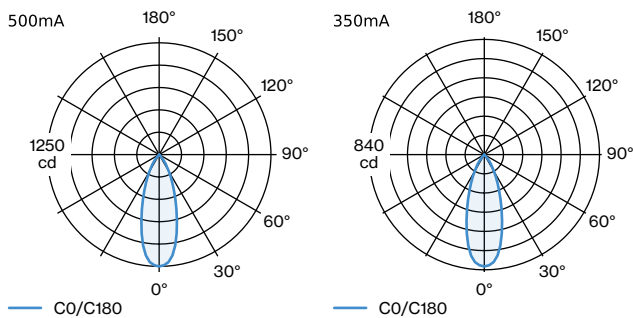
<sup>c</sup> RAL Palette colors may deviate slightly due to production conditions.



IP65



## LIGHT DISTRIBUTION



[184161B3C] 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 BVBA apply.  
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### CONE DIAGRAM

flood 36° 500mA			flood 36° 350mA		
h (m)	EO° (lx)	ø (m)	h (m)	EO° (lx)	ø (m)
1	1280	0.65	1	1280	0.65
2	321	1.29	2	321	1.29
3	143	1.94	3	143	1.94
4	80	2.58	4	80	2.58
5	51	3.23	5	51	3.23

### Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
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.

### ELECTRICAL

#### Power Supply 350mA

TYPE	L · W · H (MM)	ORDERCODE
Driver 17W   2-49V   IP68	122-54-26	9 0 2 1 3 6 0 2

#### Power Supply 500mA

TYPE	L · W · H (MM)	ORDERCODE
Driver 10W   11-20V	101.5-51-29.2	9 0 2 1 4 4 0 5
Driver 24W   2-49V   IP68	122-54-26	9 0 2 1 4 7 0 2
10W   3-20V   phase-cut dim	102-49-29	9 0 2 2 4 4 0 2