



PROJECT

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TYPE

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NOTES

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QUANTITY

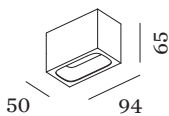
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DATE

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Rectangular ceiling surface mounted downlight made from die-cast aluminium with opal PMMA cover; surface housing Black Matt powder coated; matt texture; with aesthetic frame in Gold wet painted; matt smooth; PCB 3-step binning; phase-cut dim; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; CRI (Colour Rendering Index)  $\geq 90$ ; degree of protection IP20; Class 1; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



**GENERAL**

Ceiling \_\_\_\_\_  
 Surface \_\_\_\_\_  
 Black Matt + Gold \_\_\_\_\_  
 RAL 9005 <sup>a</sup> \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 280 lm \_\_\_\_\_  
 CIE flux code: 65 94 100 100 \_\_\_\_\_  
 100 \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_  
 CRI  $\geq 90$  \_\_\_\_\_  
 L80 / 60000h \_\_\_\_\_  
 initial MacAdam  $\leq 3$  SDCM \_\_\_\_\_

**OPTICAL**

Opal \_\_\_\_\_

**ELECTRICAL**

phase-cut dim \_\_\_\_\_  
 220 - 240 V \_\_\_\_\_  
 system 6.6 W \_\_\_\_\_  
 Class 1 \_\_\_\_\_

**PHYSICAL**

length 94 mm \_\_\_\_\_  
 width 50 mm \_\_\_\_\_  
 height 65 mm \_\_\_\_\_  
 0.3 kg \_\_\_\_\_

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


**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.97	0.94	0.91	0.87	0.84
LSF	1	1	1	1	1

$$MF = LMF \times RSMF \times LLMF \times LSF$$

MF Maintenance Factor

LMF<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor

LLMF Lamp Lumens 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.

**MOUNTING ACCESSORIES**
**1.0 Ceiling Base**

Type	Colour	L·W·H (MM)	Item number
PIRRO SYSTEM	White	754-51-12	90052072
PIRRO SYSTEM	Black	754-51-12	90052073
PIRRO SYSTEM	Gold	754-51-12	90052074

**2.0 Ceiling Base**

Type	Colour	L·W·H (MM)	Item number
PIRRO SYSTEM	White	1150-51-12	90052075
PIRRO SYSTEM	Black	1150-51-12	90052076
PIRRO SYSTEM	Gold	1150-51-12	90052077