

# TASK S direct / indirect soft

suspended

059-525413XK



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Suspended	
special colours	
IP20	
indirect 347 lm	
direct 2020 lm	
total 2370 lm	

## LED

4000 K	
CRI $\geq 90$	
L90 / 50000 h	
initial MacAdam $\leq 3$ SDCM	
R <sub>g</sub> : 96 , R <sub>f</sub> : 90 , R <sub>(1-15)</sub> : 87	
MR 0.75	
MDER 0.68	

## Optical

Microprismatic	
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UGR $\leq 19$ , $\geq 65^\circ$ <3000 cd/m <sup>2</sup>	
P <sub>stLM</sub> $\leq 1.0$ <sup>1</sup>	
SVM $\leq 0.4$ <sup>1</sup>	

## Electrical

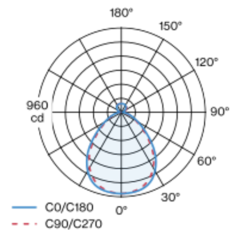
DALI-2	
220-240 V	
system 19.5 W	
system 122 lm/W <sup>2</sup>	
PC1	
1 DALI Addr.	

## Physical

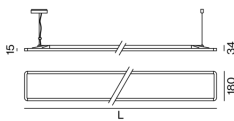
cable 1500 mm	
length 1180 mm	
width 180 mm	
height 34 mm	
3.5 kg	

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Light distribution



## Product drawing



## 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	0.97	0.95	0.93	0.92
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.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

