

# TASK S direct / indirect TW

## power

suspended  
059-52D413XK



Project / Type
Notes
Count / Date



### General

Ceiling , Suspended
special colours
IP20
indirect 1230 lm
direct 1560 lm
total 2790 lm

### LED

4000 K
CRI $\geq 90$
L90 / 50000 h
initial MacAdam $\leq 3$ SDCM
R <sub>g</sub> : 99 , R <sub>f</sub> : 92 , R <sub>(1-15)</sub> : 90
MR 0.81
MDER 0.74

### Optical

Microprismatic
microprismatic
UGR < 16 , $\geq 65^\circ$ <3000 cd/m <sup>2</sup>
P <sub>st</sub> LM $\leq 1.0$ <sup>1</sup>
SVM $\leq 0.4$ <sup>1</sup>

### Electrical

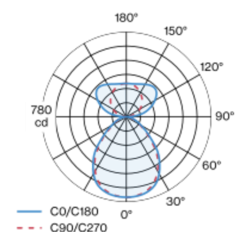
DALI-2
220-240 V
system 22.3 W
system 125 lm/W <sup>2</sup>
PC1
1 DALI Addr.

### Physical

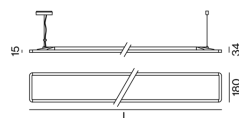
cable 1500 mm
length 1180 mm
width 180 mm
height 34 mm
3.8 kg

<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





Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × 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 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	12
B13	16
B16	20
B20	25
C10	20
C13	27
C16	34
C20	41