

# TASK S linear sensor direct / indirect TW power

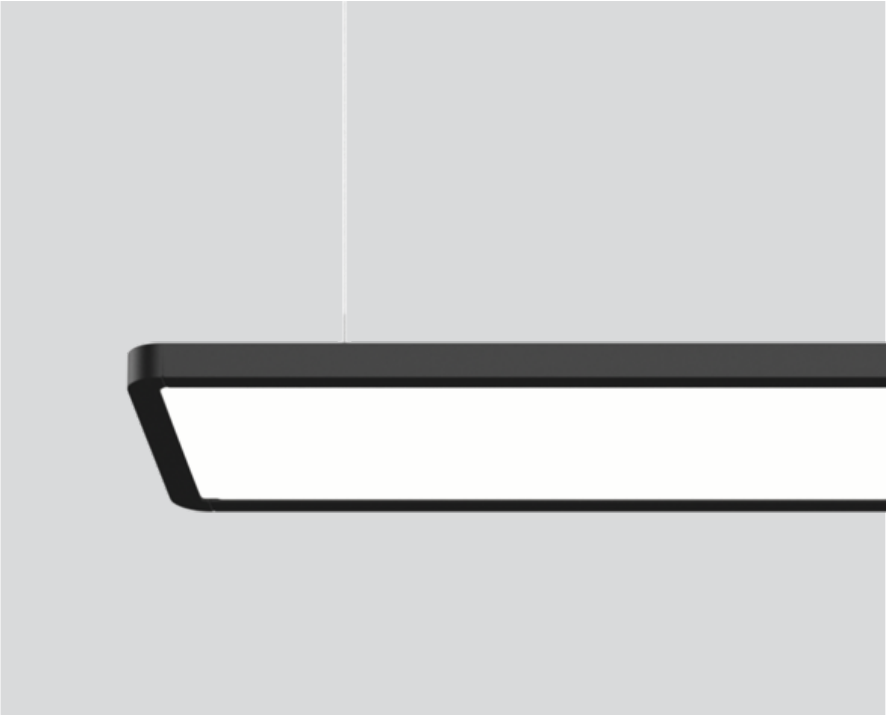
suspended system  
059-57D4078K



Project / Type

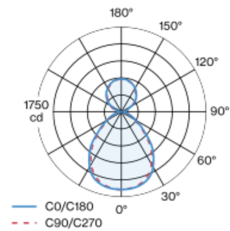
Notes

Count / Date



Luminaire housing made of aluminium with rounded edges; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; for continuous lighting systems; surface jet black powder coated; with integrated toolless suspension height adjustment on the luminaire; convenient quick mounting system without tools; direct light distribution through LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination, separately controllable; microprismatic PMMA cover; completely homogeneous illumination; same light density for all surface lights with the same components; UGR  $\leq 19$ ; light colour direct light component: 3000 K; light colour indirect light component: tunable white diodes (2700-6500 K); binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; sound absorbing accessories available; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



CE

X-PERT

X-PERT

220-240 V

## General

Ceiling | Suspended

jet black | RAL 9005

IP20

indirect 2070 lm | direct 3110 lm

total 5180 lm

## LED

3000 K

CRI  $\geq 90$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 96 | R<sub>f</sub>: 90 | R<sub>t1-15</sub>: 89

MR 0.61 | MDER 0.56

## Optical

Microprismatic | microprismatic

UGR  $\leq 19$

PstLM  $\leq 1.0$ <sup>1</sup> | SVM  $\leq 0.4$ <sup>1</sup>

## Electrical

DALI-2 / DALI-2 ESSENTIAL sensor | 3 DALI Addr.

brightness & presence

PC1 | 220-240 V

system 49 W

system 106 lm/W<sup>2</sup>

## Physical

length 1189 mm | width 180 mm | height 34 mm

3.9 kg

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

## 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 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.

## 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



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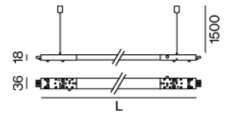
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## Mounting accessories

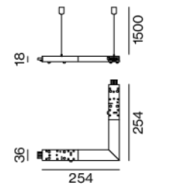
### LINEAR CONNECTOR cable suspension

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical & electrical	pure white	315-36-18	059-2792317
mechanical & electrical	jet black	315-36-18	059-2792318
mechanical	pure white	315-36-18	059-2792417
mechanical	jet black	315-36-18	059-2792418



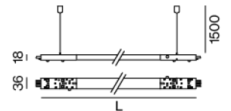
### CORNER CONNECTOR cable suspension

TYPE	COLOUR	ARTICLE NUMBER(S)
90°   mechanical & electrical	pure white	059-2792717
90°   mechanical & electrical	jet black	059-2792718
90°   mechanical	pure white	059-2792817
90°   mechanical	jet black	059-2792818



### SYSTEM CONNECTOR cable suspension

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical & electrical	pure white	800-36-18	059-2792327
mechanical & electrical	jet black	800-36-18	059-2792328
mechanical & electrical	pure white	1200-36-18	059-2792337
mechanical & electrical	jet black	1200-36-18	059-2792338
mechanical & electrical   cuttable	pure white	1200-36-18	059-2792307
mechanical & electrical   cuttable	jet black	1200-36-18	059-2792308
mechanical & electrical   cuttable	pure white	2400-36-18	059-2792347
mechanical & electrical   cuttable	jet black	2400-36-18	059-2792348



### CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
pure white	059-2792127



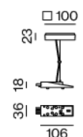
### END PIECE incl. cable suspension

COLOUR	ARTICLE NUMBER(S)
pure white	059-2792117
jet black	059-2792118



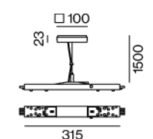
### POWER FEEDER incl. cable suspension

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	106-36-1500	059-2792217
jet black	106-36-1500	059-2792218



### MIDDLE POWER FEEDER incl. cable suspension

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	100-100-1500	059-2792517
jet black	100-100-1500	059-2792518



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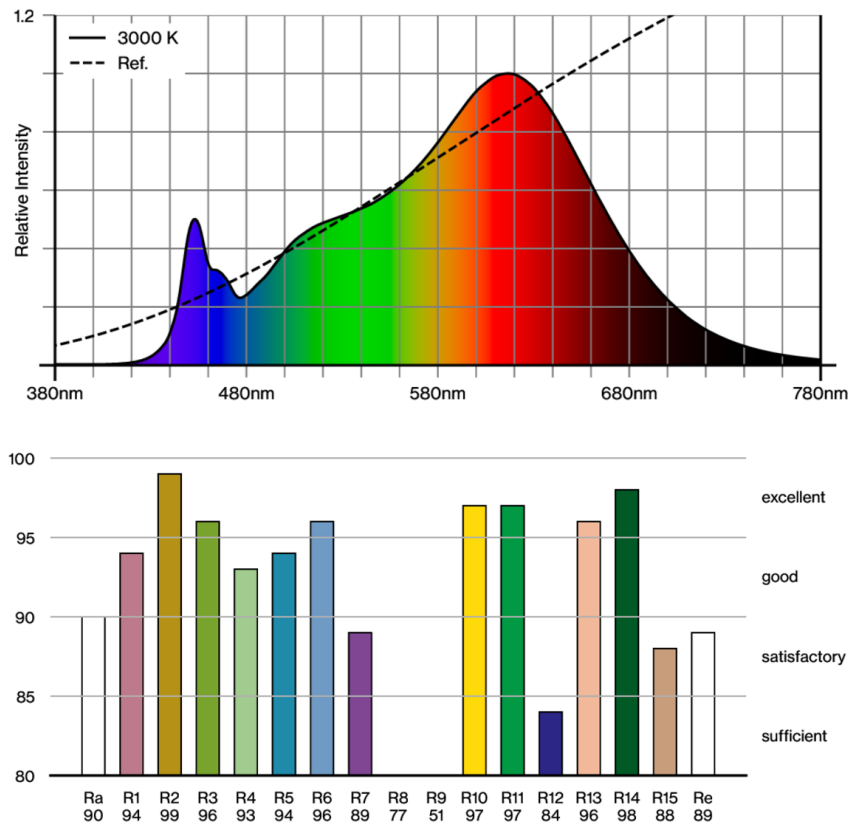


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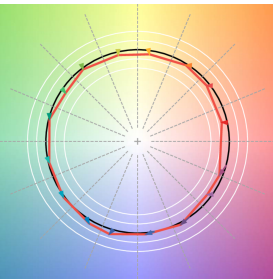
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## Colour rendering



## TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.