

## SETA

suspended

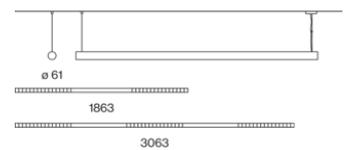
**EN** Luminaire housing from extruded aluminium profile, round design; extremely slim design (only  $\varnothing$  61 mm); no visible screws; surface polished chrome or powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; spring clip attachment to the luminaire; freely positionable; incl. feeder cable; extruded profile for improved thermal management; high gloss reflector with faceted design; direct / indirect light distribution; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

**ES** Cuerpo de perfil de aluminio con diseño redondo; forma extremadamente esbelta (solo  $\varnothing$  61mm); sin tornillos visibles; superficie cromada pulida o superficie con recubierto de polvo; suspendido con cable; regulación de la altura sin necesitar herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación; perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; característica de emisión directa / indirecta; componente de luz indirecta con pletinas propias y una óptica de lente de alta calidad para una claridad de techo máxima y homogénea, opcionalmente dotada de control independiente; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

3000 K, 4000 K, tunable white  
2700 - 6500 K  
CRI  $\geq$  80, CRI  $\geq$  90 / 3 SDCM  
(initial MacAdam)  
UGR  $\leq$  10, UGR  $\leq$  13, UGR  $\leq$  16  
hasta  $\downarrow$  5,530 lm /  $\uparrow$  7,850 lm  
hasta 163 lm/W  
L90 / 50000 h, L90 / 75000 h  
DALI-2, DALI-2 / DALI-2  
ESSENTIAL sensor, DALI-2 D/I  
controlable por separado  
Reflector  
IP20

### Types



### Color



### Reflector



### Distribución luminosa



DiiA® standards  
251, 252, 253



chrome version  
available



special end cap  
& reflector  
design



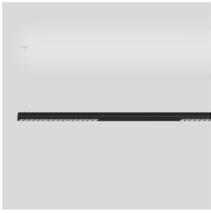
DIN EN 12464-1  
UGR  $\leq$  19



system solution



glare-free direct  
and 170°  
indirect  
illumination



## SETA suspended



TUNABLE  
WHITE

CRI  
≥ 90

UGR  
≤ 10

cd/m<sup>2</sup>  
≤ 1500

DALI  
1-2 ADDR.

220-240 V

X-PERT

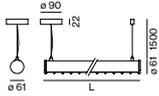
X-PERT

presence

brightness

### DIRECT / INDIRECT POWER

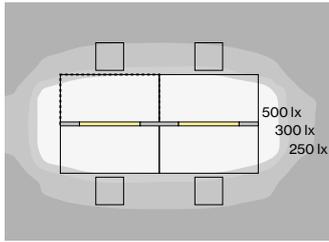
SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE			
48.0 W	1863 mm	3000 K	80	chrome	↓3470/↑3440 lm	144 lm/W	0 7 4 - 5 2 4 6 5 <input checked="" type="checkbox"/> R			
				dark chr.	↓2480/↑3440 lm	123 lm/W	0 7 4 - 5 2 4 6 5 <input checked="" type="checkbox"/> B			
			90	chrome	↓3020/↑2970 lm	125 lm/W	0 7 4 - 5 2 4 6 0 <input checked="" type="checkbox"/> R			
				dark chr.	↓2160/↑2970 lm	107 lm/W	0 7 4 - 5 2 4 6 0 <input checked="" type="checkbox"/> B			
			4000 K	80	chrome	↓3690/↑3930 lm	159 lm/W	0 7 4 - 5 2 4 6 6 <input checked="" type="checkbox"/> R		
					dark chr.	↓2640/↑3930 lm	137 lm/W	0 7 4 - 5 2 4 6 6 <input checked="" type="checkbox"/> B		
		90		chrome	↓3020/↑3210 lm	130 lm/W	0 7 4 - 5 2 4 6 1 <input checked="" type="checkbox"/> R			
				dark chr.	↓2160/↑3210 lm	112 lm/W	0 7 4 - 5 2 4 6 1 <input checked="" type="checkbox"/> B			
		51.0 W		1863 mm	↓ 3000 K/ ↑ tunable w.	90	chrome	↓3200/↑3050 lm	123 lm/W	0 7 4 - 5 2 D 6 0 4 <input checked="" type="checkbox"/> R
							dark chr.	↓2290/↑3050 lm	105 lm/W	0 7 4 - 5 2 D 6 0 4 <input checked="" type="checkbox"/> B
		82.0 W	3063 mm	3000 K	90	chrome	↓3200/↑3050 lm	123 lm/W	0 7 4 - 5 2 D 6 1 4 <input checked="" type="checkbox"/> R	
						dark chr.	↓2290/↑3050 lm	105 lm/W	0 7 4 - 5 2 D 6 1 4 <input checked="" type="checkbox"/> B	
90	chrome				↓3320/↑3120 lm	126 lm/W	0 7 4 - 5 2 4 6 D <input checked="" type="checkbox"/> R			
	dark chr.				↓2380/↑2890 lm	103 lm/W	0 7 4 - 5 2 4 6 D <input checked="" type="checkbox"/> B			
4000 K	80				chrome	↓5200/↑6890 lm	147 lm/W	0 7 4 - 5 2 4 9 5 <input checked="" type="checkbox"/> R		
					dark chr.	↓3720/↑6890 lm	129 lm/W	0 7 4 - 5 2 4 9 5 <input checked="" type="checkbox"/> B		
	90	chrome	↓4530/↑5940 lm	128 lm/W	0 7 4 - 5 2 4 9 0 <input checked="" type="checkbox"/> R					
		dark chr.	↓3240/↑5940 lm	112 lm/W	0 7 4 - 5 2 4 9 0 <input checked="" type="checkbox"/> B					
87.0 W	3063 mm	tunable w.	80	chrome	↓5530/↑7850 lm	163 lm/W	0 7 4 - 5 2 4 9 6 <input checked="" type="checkbox"/> R			
				dark chr.	↓3960/↑7850 lm	144 lm/W	0 7 4 - 5 2 4 9 6 <input checked="" type="checkbox"/> B			
			90	chrome	↓4530/↑6410 lm	133 lm/W	0 7 4 - 5 2 4 9 1 <input checked="" type="checkbox"/> R			
				dark chr.	↓3240/↑6410 lm	118 lm/W	0 7 4 - 5 2 4 9 1 <input checked="" type="checkbox"/> B			
			90	chrome	↓4980/↑5770 lm	124 lm/W	0 7 4 - 5 2 4 9 D <input checked="" type="checkbox"/> R			
				dark chr.	↓3570/↑5770 lm	107 lm/W	0 7 4 - 5 2 4 9 D <input checked="" type="checkbox"/> B			
88.0 W	3063 mm	↓ 3000 K/ ↑ tunable w.	90	chrome	↓4810/↑6110 lm	124 lm/W	0 7 4 - 5 2 D 9 0 4 <input checked="" type="checkbox"/> R			
				dark chr.	↓3440/↑6110 lm	109 lm/W	0 7 4 - 5 2 D 9 0 4 <input checked="" type="checkbox"/> B			
		90	chrome	↓4810/↑6110 lm	124 lm/W	0 7 4 - 5 2 D 9 1 4 <input checked="" type="checkbox"/> R				
			dark chr.	↓3440/↑6110 lm	109 lm/W	0 7 4 - 5 2 D 9 1 4 <input checked="" type="checkbox"/> B				



### Order options

CONTROL		CONTROL		COLOUR		COLOUR	
DALI-2	<input checked="" type="checkbox"/> 3	DALI-2	<input checked="" type="checkbox"/> 3	chrome	<input checked="" type="checkbox"/> 4	pure white RAL 9010	<input checked="" type="checkbox"/> 7
DALI-2 / DALI-2 ESSENTIAL sensor	<input checked="" type="checkbox"/> 7	DALI-2 D/I separately controllable	<input checked="" type="checkbox"/> 4	pure white RAL 9010	<input checked="" type="checkbox"/> 7	jet black RAL 9005	<input checked="" type="checkbox"/> 8
		DALI-2 / DALI-2 ESSENTIAL sensor	<input checked="" type="checkbox"/> 7	jet black RAL 9005	<input checked="" type="checkbox"/> 8		

## Planning Information



**SETA** suspended, 86 W, 4000 K  
direct/ indirect power

### ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8
Mounting height	2.25 m

### CALCULATION SURFACE .....

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance ( $E_m$ )	> 500 lx
Uniformity ( $U_0$ )	> 0.6

### GLARE EVALUATION

Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° < 1500 cd/m <sup>2</sup>	

### Order options

CONTROL		CONTROL		COLOUR		COLOUR	
DALI-2	3	DALI-2	3	chrome	4	pure white RAL 9010	7
DALI-2 / DALI-2 ESSENTIAL sensor	7	DALI-2 D/I separately controllable	4	pure white RAL 9010	7	jet black RAL 9005	8
		DALI-2 / DALI-2 ESSENTIAL sensor	7	jet black RAL 9005	8		

# Creative Lab, Barcelona

España

**Lighting Design**  
MMAS Lighting

**Fotografía**  
Miquel Llorch



## Productos utilizados



**SETA suspended**



**BETO suspended**



**BETO ceiling /  
suspended system**

