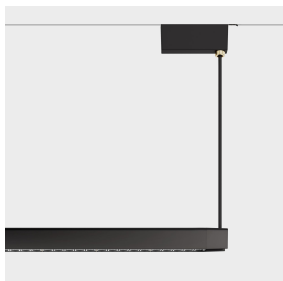


**Design Artec  
Studio**

Last information update: June 2025

SJ71.G1: Linear pendant DownLight luminaire for Filorail track - L=1428 - General Light - High Output - Space Frameless optic - 19W 2664.3lm - 4000K - CRI 90 - Black/Black Transparent



SJ71.G1: Linear pendant DownLight luminaire for Filorail track - L=1428 - General Light - High Output - Space Frameless optic - - 19W 2664.3lm - 4000K - CRI 90 - Black/Black Transparent

Direct emission luminaire with CR190 monochrome LED lamps. Opti-Diamond (High Output) General Light Space optic available in a White Cover (Transparent white) or Black Cover (Transparent black) version. Frameless version extruded aluminium profile with die-cast zamak end caps. Complete with power and pendant cable L=3000 that can be adjusted as required. Steel pendant mount cable with millimetric adjustment system and brass component. Complete with 48Vdc Mid-Power Led circuit and DALI dimming system. "Powerline" technology allows each product connected to the system to be adjusted separately.

A tool-free system for connecting the product electrically and mechanically to the 48V Filorail low voltage track.

**Weight (Kg)**  
1.14

ceiling pendant

Power supply unit (48V) to be ordered separately as specified in the instruction sheet.

Complies with EN60598-1 and pertinent regulations



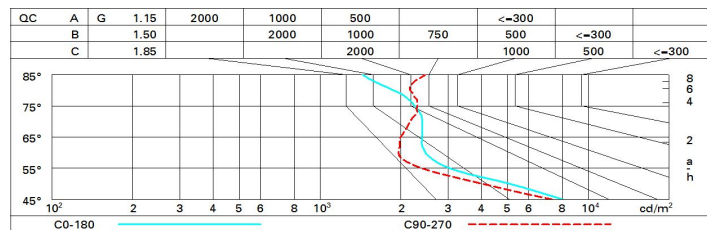
Im system:	2375	Rg (Gamut Index):	95
W system:	18	Colour temperature [K]:	4000
Im source:	3210	MacAdam Step:	3
W source:	18	Lamp code:	LED
Luminous efficiency (Im/W, real value):	132	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	74	Power factor:	See installation instructions
CRI (minimum):	90	Control:	DALI
Rf (Colour Fidelity Index):	88		

**I<sub>max</sub>**=2517 cd      **C5-185**  
**CIE**  
 nL 0.74  
 93-99-100-100-74  
 UGR 16.4-16.3  
**DIN**  
 A.61  
**UTE**  
 0.74A+0.00T  
 F"1=934  
 F"1+F"2=986  
 F"1+F"2+F"3=996  
**CIBSE**  
 LG3 L<3000 cd/m<sup>2</sup> at 65°  
 UGR<19 | L<3000 cd/mq @

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	61	58	56	60	57	57	54	74
1.0	68	64	62	60	63	61	61	58	79
1.5	72	69	67	65	68	66	66	63	85
2.0	74	72	71	69	71	70	69	67	90
2.5	76	74	73	72	73	72	71	69	93
3.0	77	76	75	74	75	74	73	71	96
4.0	78	77	76	76	76	75	74	72	97
5.0	79	78	77	77	77	76	75	73	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 3210 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x            y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	16.5	17.1	16.8	17.3	17.6	16.6	17.2	16.9	17.4	17.7
	3H	16.5	17.0	16.8	17.3	17.6	16.5	17.0	16.8	17.3	17.6
	4H	16.5	17.0	16.8	17.3	17.6	16.4	16.9	16.7	17.2	17.5
	6H	16.5	16.9	16.8	17.3	17.6	16.3	16.8	16.7	17.1	17.5
	8H	16.5	16.9	16.8	17.2	17.6	16.3	16.8	16.7	17.1	17.4
	12H	16.4	16.9	16.8	17.2	17.6	16.3	16.7	16.6	17.0	17.4
4H	2H	16.3	16.8	16.6	17.1	17.4	16.5	17.1	16.9	17.3	17.6
	3H	16.3	16.8	16.7	17.1	17.5	16.5	16.9	16.8	17.2	17.6
	4H	16.4	16.7	16.8	17.1	17.5	16.4	16.8	16.8	17.2	17.5
	6H	16.4	16.7	16.8	17.1	17.5	16.4	16.7	16.8	17.1	17.5
	8H	16.4	16.7	16.8	17.1	17.5	16.3	16.6	16.8	17.1	17.5
	12H	16.4	16.6	16.8	17.1	17.5	16.3	16.6	16.8	17.0	17.5
8H	4H	16.3	16.6	16.7	17.0	17.4	16.5	16.8	16.9	17.2	17.6
	6H	16.3	16.6	16.8	17.0	17.5	16.5	16.7	16.9	17.2	17.6
	8H	16.3	16.6	16.8	17.0	17.5	16.5	16.7	17.0	17.1	17.6
	12H	16.3	16.5	16.8	17.0	17.5	16.5	16.6	17.0	17.1	17.7
12H	4H	16.2	16.5	16.7	16.9	17.4	16.5	16.8	16.9	17.2	17.7
	6H	16.3	16.5	16.8	17.0	17.5	16.5	16.7	17.0	17.2	17.7
	8H	16.3	16.5	16.8	17.0	17.5	16.5	16.7	17.0	17.2	17.7
Variations with the observer position at spacing:											
S =	1.0H	3.8 / -4.9					3.8 / -5.0				
	1.5H	0.4 / -5.5					0.5 / -5.3				
	2.0H	0.4 / -5.7					0.4 / -5.5				