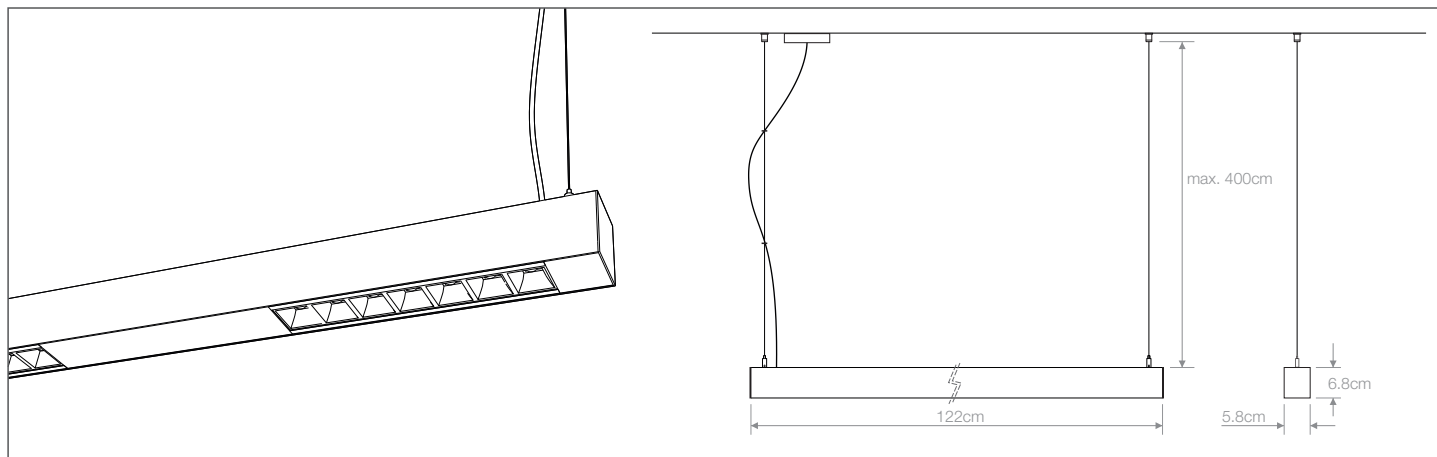
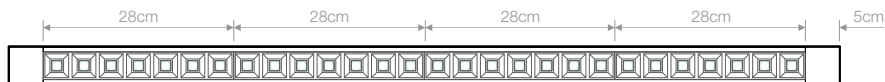


Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
83.117	83.217	122 cm	21W	3000K	65°	Blanco / White	
83.118	83.218	122 cm	21W	4000K	65°	Blanco / White	
83.119	83.219	122 cm	21W	3000K	90°	Blanco / White	
83.120	83.220	122 cm	21W	4000K	90°	Blanco / White	
83.121	83.221	122 cm	21W	3000K	65°	Negro / Black	
83.122	83.222	122 cm	21W	4000K	65°	Negro / Black	
83.123	83.223	122 cm	21W	3000K	90°	Negro / Black	
83.124	83.224	122 cm	21W	4000K	90°	Negro / Black	



Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
83.125	83.225	122 cm	28W	3000K	65°	Blanco / White	
83.126	83.226	122 cm	28W	4000K	65°	Blanco / White	
83.127	83.227	122 cm	28W	3000K	90°	Blanco / White	
83.128	83.228	122 cm	28W	4000K	90°	Blanco / White	
83.129	83.229	122 cm	28W	3000K	65°	Negro / Black	
83.130	83.230	122 cm	28W	4000K	65°	Negro / Black	
83.131	83.231	122 cm	28W	3000K	90°	Negro / Black	
83.132	83.232	122 cm	28W	4000K	90°	Negro / Black	

CARACTERÍSTICAS TÉCNICAS / TECHNICAL DATA

Potencia luminaria / Luminaire power	25.2 W / 33.6 W
Flujo luminaria / Luminaire luminous flux	2415 lm / 3220 lm (3000 K, 65°) 2579 lm / 3439 lm (4000 K, 65°)
Eficiencia lumínica / Luminous efficiency	102 lm / W
Eficiencia energética / Energetic efficiency	
CCT	3000 K / 4000 K
CRI	> 90
UGR (4H/8H)	< 16
Dimensiones / Dimensions	122 x 5.8 x 6.8 cm

Potencia fuente de luz / Light source power	21 W / 28 W
Flujo fuente de luz / Light source luminous flux	3150 lm / 4200 lm (3000 K) 3285 lm / 4380 lm (4000 K)
Control / Control	ON/OFF - DALI
Corriente / Current	350 mA
Alimentación eléctrica / Electrical feed	220...240V, 50/60Hz
Temperatura trabajo / Operating temperature	-20°C ~ 30°C
Vida útil / Lifespan	50.000 h (L80/B10)



DATOS FOTOMÉTRICOS / PHOTOMETRIC DATA

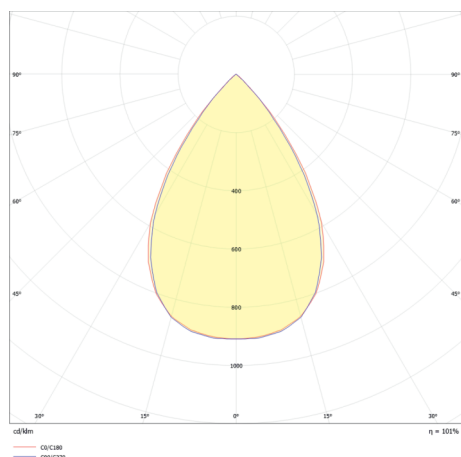

 Reflector negro / Black reflector
 65°
 4000K

TABLA UGR / UGR TABLE

glare rating regarding UGR											
p ceiling		70	70	50	50	30	70	70	50	50	30
p walls		50	30	50	30	30	50	30	50	30	30
p floor		20	20	20	20	20	20	20	20	20	20
room size X Y		viewed crosswise					viewed endwise				
2H	2H	14.1	14.8	14.4	15.0	15.2	13.6	14.3	13.8	14.5	14.7
2H	3H	14.0	14.6	14.3	14.8	15.1	13.5	14.1	13.7	14.3	14.6
2H	4H	13.9	14.5	14.2	14.8	15.0	13.4	14.0	13.7	14.3	14.5
2H	6H	13.8	14.4	14.1	14.7	14.9	13.3	13.9	13.6	14.2	14.4
2H	8H	13.8	14.3	14.1	14.6	14.9	13.3	13.8	13.6	14.1	14.4
2H	12H	13.8	14.3	14.1	14.6	14.9	13.2	13.8	13.6	14.1	14.4
4H	2H	13.9	14.5	14.2	14.8	15.0	13.4	14.0	13.7	14.3	14.5
4H	3H	13.8	14.3	14.1	14.6	14.9	13.3	13.8	13.6	14.1	14.4
4H	4H	13.7	14.1	14.1	14.5	14.8	13.2	13.6	13.6	13.9	14.3
4H	6H	13.6	14.0	14.0	14.3	14.7	13.1	13.5	13.5	13.8	14.2
4H	8H	13.6	13.9	14.0	14.3	14.7	13.1	13.4	13.5	13.8	14.2
4H	12H	13.5	13.8	14.0	14.2	14.6	13.0	13.3	13.5	13.7	14.1
8H	4H	13.6	13.9	14.0	14.3	14.7	13.1	13.4	13.5	13.8	14.2
8H	6H	13.5	13.7	13.9	14.1	14.6	13.0	13.2	13.4	13.6	14.1
8H	8H	13.4	13.6	13.9	14.1	14.6	12.9	13.1	13.4	13.6	14.0
8H	12H	13.4	13.6	13.9	14.0	14.5	12.9	13.1	13.4	13.5	14.0
12H	4H	13.5	13.8	14.0	14.2	14.6	13.0	13.3	13.5	13.7	14.1
12H	6H	13.4	13.6	13.9	14.1	14.6	12.9	13.1	13.4	13.6	14.0
12H	8H	13.4	13.6	13.9	14.0	14.5	12.9	13.1	13.4	13.5	14.0
variation of observer position for luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+3.9 / -18.9 +6.6 / -37.1 +8.6 / -45.4					+3.9 / -20.0 +6.6 / -36.7 +8.6 / -46.3				
standard table		BK00					BK00				
correction summand		-4.6					-5.1				
corrected glare indices based on the total luminous flux: UGR diagram according to CIE 117 with SHR 0.25											

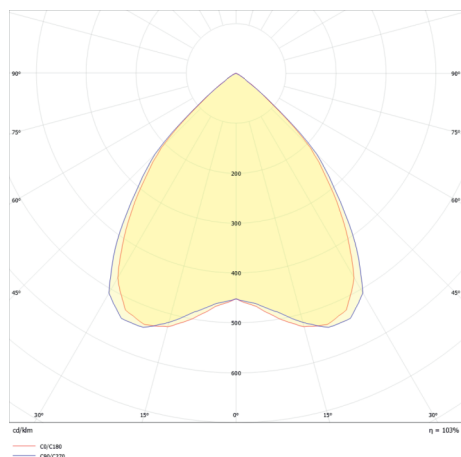

 Reflector negro / Black reflector
 90°
 4000K

TABLA UGR / UGR TABLE

glare rating regarding UGR											
p ceiling		70	70	50	50	30	70	70	50	50	30
p walls		50	30	50	30	30	50	30	50	30	30
p floor		20	20	20	20	20	20	20	20	20	20
room size X Y		viewed crosswise					viewed endwise				
2H	2H	19.3	20.2	19.6	20.4	20.6	19.6	20.5	19.8	20.7	20.9
2H	3H	19.2	20.0	19.5	20.2	20.5	19.4	20.3	19.7	20.5	20.7
2H	4H	19.1	19.9	19.4	20.1	20.4	19.4	20.1	19.7	20.4	20.7
2H	6H	19.0	19.7	19.3	20.0	20.3	19.3	20.0	19.6	20.3	20.6
2H	8H	19.0	19.6	19.3	19.9	20.2	19.2	19.9	19.6	20.2	20.5
2H	12H	18.9	19.6	19.3	19.9	20.2	19.2	19.8	19.6	20.2	20.5
4H	2H	19.3	20.0	19.6	20.3	20.6	19.5	20.3	19.8	20.5	20.8
4H	3H	19.1	19.8	19.5	20.1	20.4	19.4	20.0	19.7	20.3	20.6
4H	4H	19.1	19.6	19.4	19.9	20.3	19.3	19.9	19.7	20.2	20.5
4H	6H	19.0	19.4	19.4	19.8	20.2	19.2	19.7	19.6	20.1	20.5
4H	8H	18.9	19.4	19.4	19.7	20.2	19.2	19.6	19.6	20.0	20.4
4H	12H	18.9	19.3	19.3	19.7	20.1	19.2	19.5	19.6	19.9	20.4
8H	4H	18.9	19.4	19.4	19.7	20.2	19.2	19.6	19.6	20.0	20.4
8H	6H	18.9	19.2	19.3	19.6	20.1	19.1	19.4	19.6	19.9	20.3
8H	8H	18.8	19.1	19.3	19.5	20.0	19.1	19.4	19.5	19.8	20.3
8H	12H	18.8	19.0	19.2	19.5	20.0	19.0	19.3	19.5	19.7	20.2
12H	4H	18.9	19.3	19.3	19.7	20.1	19.2	19.5	19.6	19.9	20.4
12H	6H	18.8	19.1	19.3	19.5	20.0	19.1	19.4	19.5	19.8	20.3
12H	8H	18.8	19.0	19.2	19.5	20.0	19.0	19.3	19.5	19.7	20.2
variation of observer position for luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+2.0 / -6.3 +3.4 / -14.8 +4.7 / -27.5					+2.1 / -7.1 +3.3 / -16.7 +5.0 / -30.6				
standard table		BK00					BK00				
correction summand		0.8					1.0				
corrected glare indices based on the total luminous flux UGR diagram according to CIE 117 with SHR 0.25											