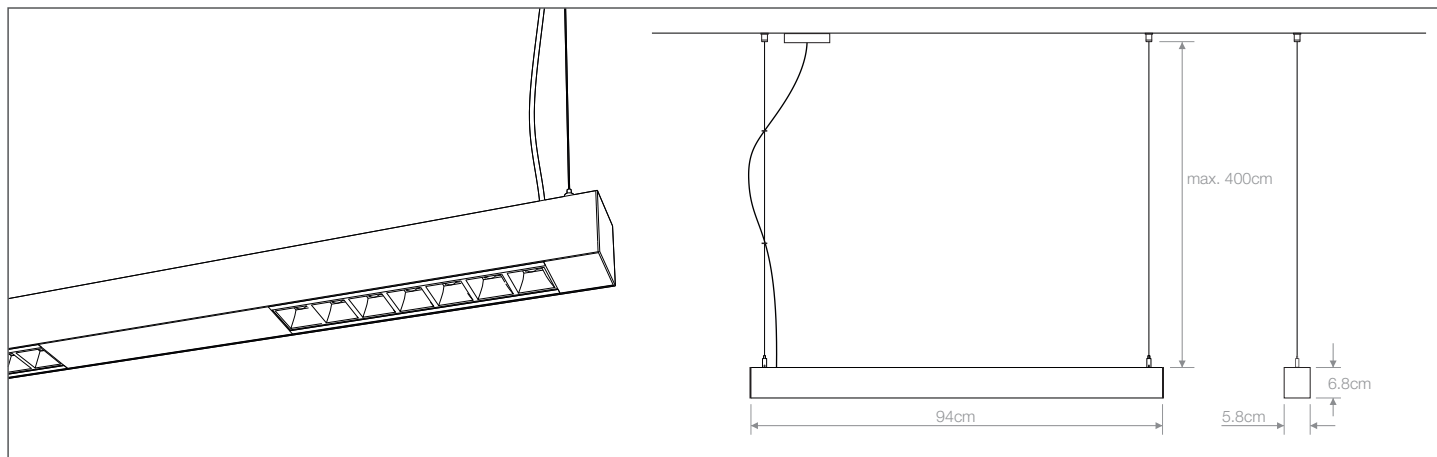
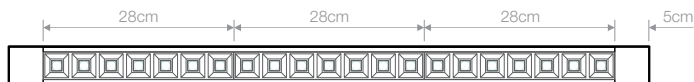




Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
83.101	83.201	94 cm	14W	3000K	65°	Blanco / White	9003
83.102	83.202	94 cm	14W	4000K	65°	Blanco / White	
83.103	83.203	94 cm	14W	3000K	90°	Blanco / White	
83.104	83.204	94 cm	14W	4000K	90°	Blanco / White	
83.105	83.205	94 cm	14W	3000K	65°	Negro / Black	9005
83.106	83.206	94 cm	14W	4000K	65°	Negro / Black	
83.107	83.207	94 cm	14W	3000K	90°	Negro / Black	
83.108	83.208	94 cm	14W	4000K	90°	Negro / Black	



Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
83.109	83.209	94 cm	21W	3000K	65°	Blanco / White	9003
83.110	83.210	94 cm	21W	4000K	65°	Blanco / White	
83.111	83.211	94 cm	21W	3000K	90°	Blanco / White	
83.112	83.212	94 cm	21W	4000K	90°	Blanco / White	
83.113	83.213	94 cm	21W	3000K	65°	Negro / Black	9005
83.114	83.214	94 cm	21W	4000K	65°	Negro / Black	
83.115	83.215	94 cm	21W	3000K	90°	Negro / Black	
83.116	83.216	94 cm	21W	4000K	90°	Negro / Black	

CARACTERÍSTICAS TÉCNICAS / TECHNICAL DATA

Potencia luminaria / Luminaire power	16.8 W / 25.2 W
Flujo luminaria / Luminaire luminous flux	1610 lm / 2415 lm (3000 K, 65°) 1720 lm / 2579 lm (4000 K, 65°)
Eficiencia lumínica / Luminous efficiency	102 lm / W
Eficiencia energética / Energetic efficiency	F
CCT	3000 K / 4000 K
CRI	> 90
UGR (4H/8H)	< 16
Dimensiones / Dimensions	94 x 5.8 x 6.8 cm

Potencia fuente de luz / Light source power	14 W / 21 W
Flujo fuente de luz / Light source luminous flux	2100 lm / 3150 lm (3000 K) 2190 lm / 3285 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

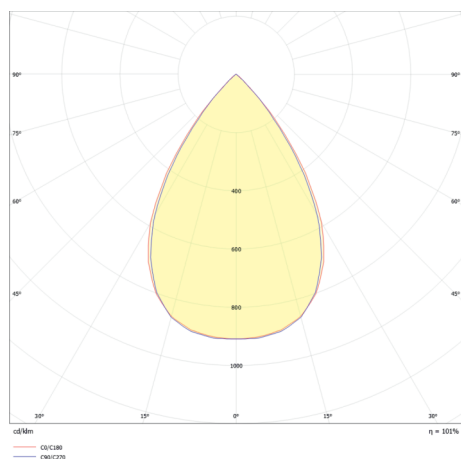

 Reflector negro / Black reflector
 65°
 4000K

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											

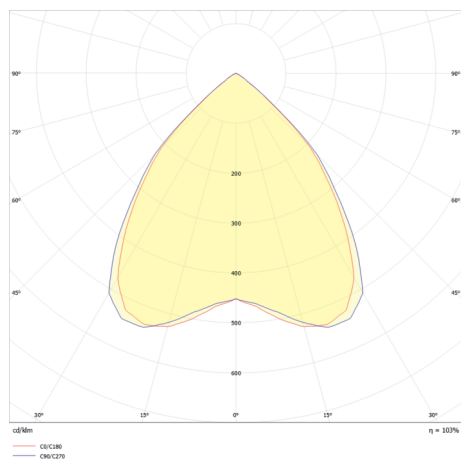

 Reflector negro / Black reflector
 90°
 4000K

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											