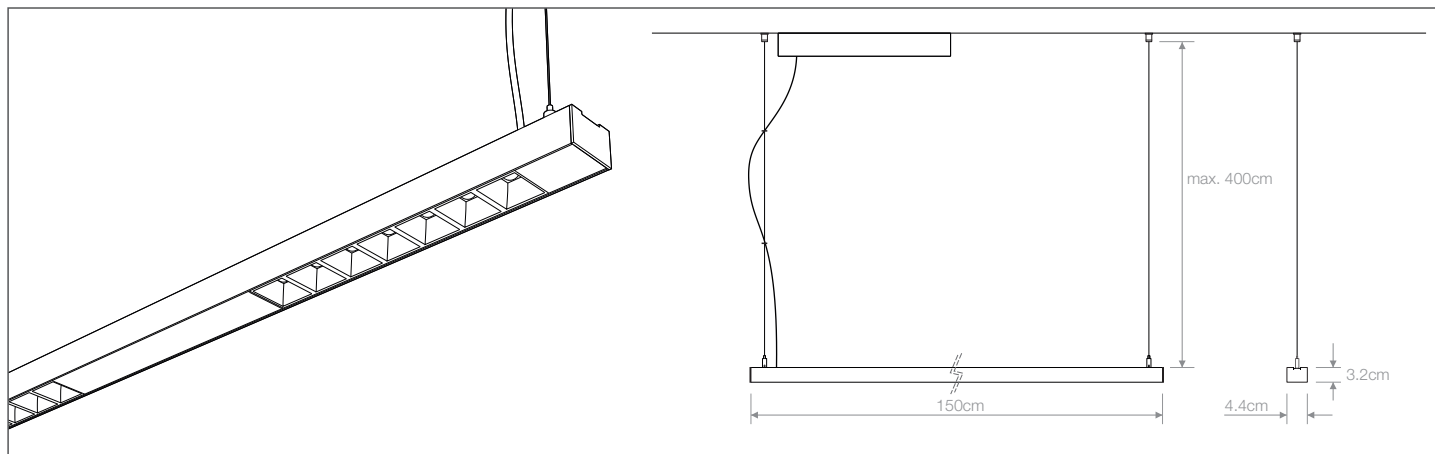


Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
82.833	82.933	150 cm	21W	3000K	65°	Blanco / White	9003
82.834	82.934	150 cm	21W	4000K	65°	Blanco / White	
82.835	82.935	150 cm	21W	3000K	90°	Blanco / White	
82.836	82.936	150 cm	21W	4000K	90°	Blanco / White	
82.837	82.937	150 cm	21W	3000K	65°	Negro / Black	9005
82.838	82.938	150 cm	21W	4000K	65°	Negro / Black	
82.839	82.939	150 cm	21W	3000K	90°	Negro / Black	
82.840	82.940	150 cm	21W	4000K	90°	Negro / Black	



Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
82.841	82.941	150 cm	35W	3000K	65°	Blanco / White	9003
82.842	82.942	150 cm	35W	4000K	65°	Blanco / White	
82.843	82.943	150 cm	35W	3000K	90°	Blanco / White	
82.844	82.944	150 cm	35W	4000K	90°	Blanco / White	
82.845	82.945	150 cm	35W	3000K	65°	Negro / Black	9005
82.846	82.946	150 cm	35W	4000K	65°	Negro / Black	
82.847	82.947	150 cm	35W	3000K	90°	Negro / Black	
82.848	82.948	150 cm	35W	4000K	90°	Negro / Black	

CARACTERÍSTICAS TÉCNICAS / TECHNICAL DATA

Potencia luminaria / Luminaire power	25.2 W / 42 W
Flujo luminaria / Luminaire luminous flux	2415 lm / 4025 lm (3000 K, 65°) 2579 lm / 4299 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	150 x 4.4 x 3.2 cm

Potencia fuente de luz / Light source power	21 W / 35 W
Flujo fuente de luz / Light source luminous flux	3150 lm / 5250 lm (3000 K) 3285 lm / 5475 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

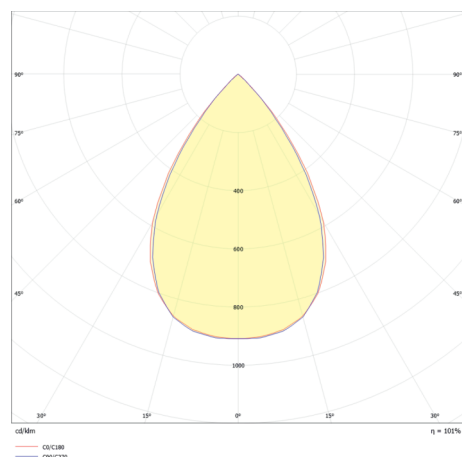
Reflector negro / Black reflector
65°
4000K

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											

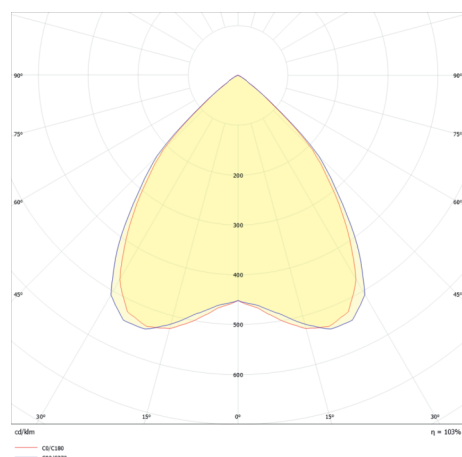
Reflector negro / Black reflector
90°
4000K

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											