

Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
82.217	82.317	117 cm	21W	3000K	30°	Blanco / White	9003
82.218	82.318	117 cm	21W	4000K	30°	Blanco / White	
82.219	82.319	117 cm	21W	3000K	65°	Blanco / White	
82.220	82.320	117 cm	21W	4000K	65°	Blanco / White	
82.221	82.321	117 cm	21W	3000K	30°	Negro / Black	9005
82.222	82.322	117 cm	21W	4000K	30°	Negro / Black	
82.223	82.323	117 cm	21W	3000K	65°	Negro / Black	
82.224	82.324	117 cm	21W	4000K	65°	Negro / Black	



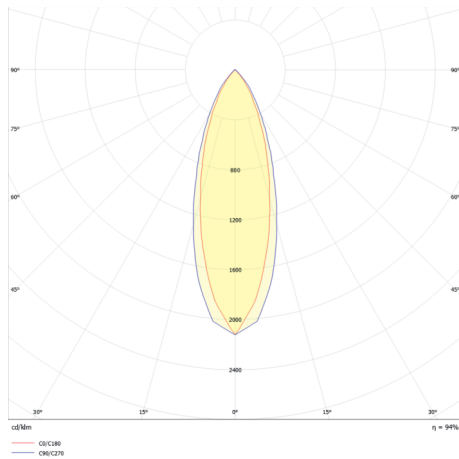
Referencia / Code		Largo / Length	Potencia / Power	Tª Color / Colour T.	Ángulo / Angle	Acabado / Finish	RAL
ON/OFF	DALI						
82.225	82.325	117 cm	28W	3000K	30°	Blanco / White	9003
82.226	82.326	117 cm	28W	4000K	30°	Blanco / White	
82.227	82.327	117 cm	28W	3000K	65°	Blanco / White	
82.228	82.328	117 cm	28W	4000K	65°	Blanco / White	
82.229	82.329	117 cm	28W	3000K	30°	Negro / Black	9005
82.230	82.330	117 cm	28W	4000K	30°	Negro / Black	
82.231	82.331	117 cm	28W	3000K	65°	Negro / Black	
82.232	82.332	117 cm	28W	4000K	65°	Negro / Black	

CARACTERÍSTICAS TÉCNICAS / TECHNICAL DATA

Potencia luminaria / Luminaire power	26.1 W / 34.8 W
Flujo luminaria / Luminaire luminous flux	2304 lm / 3072 lm (3000 K, 65°) 2429 lm / 3239 lm (4000 K, 65°)
Eficiencia lumínica / Luminous efficiency	93 lm / W
Eficiencia energética / Energetic efficiency	F
CCT	3000 K / 4000 K
CRI	> 90
UGR (4H/8H)	< 16
Dimensiones / Dimensions	117 x 3.5 x 2.5 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)

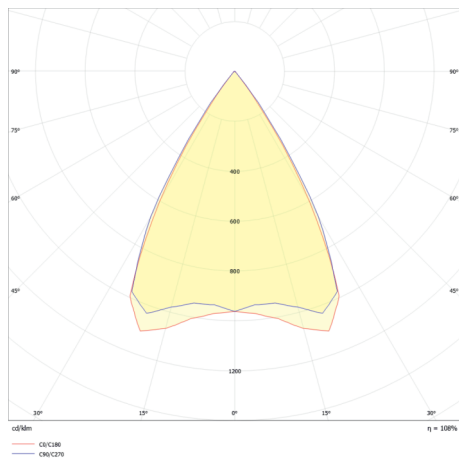
DATOS FOTOMÉTRICOS / PHOTOMETRIC DATA



Reflector negro / Black reflector
30°
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		12.5	13.2	12.7	13.4	13.6	14.3	15.0	14.6	15.2	15.4
2H	3H		12.4	13.0	12.6	13.2	13.5	14.2	14.8	14.5	15.0	15.3
2H	4H		12.3	12.9	12.6	13.1	13.4	14.1	14.7	14.4	14.9	15.2
2H	6H		12.2	12.8	12.5	13.0	13.3	14.0	14.6	14.4	14.8	15.1
2H	8H		12.2	12.7	12.5	13.0	13.3	14.0	14.5	14.3	14.8	15.1
2H	12H		12.1	12.6	12.5	12.9	13.2	14.0	14.4	14.3	14.7	15.1
4H	2H		12.3	12.9	12.6	13.1	13.4	14.1	14.7	14.4	14.9	15.2
4H	3H		12.2	12.6	12.5	12.9	13.3	14.0	14.4	14.3	14.7	15.1
4H	4H		12.1	12.5	12.5	12.8	13.2	13.9	14.3	14.3	14.6	15.0
4H	6H		12.0	12.4	12.4	12.7	13.1	13.8	14.2	14.2	14.5	14.9
4H	8H		12.0	12.3	12.4	12.7	13.1	13.8	14.1	14.2	14.5	14.9
4H	12H		11.9	12.2	12.4	12.6	13.0	13.7	14.0	14.2	14.4	14.8
8H	4H		12.0	12.3	12.4	12.7	13.1	13.8	14.1	14.2	14.5	14.9
8H	6H		11.9	12.1	12.3	12.5	13.0	13.7	13.9	14.1	14.3	14.8
8H	8H		11.8	12.0	12.3	12.5	12.9	13.6	13.8	14.1	14.3	14.7
8H	12H		11.8	11.9	12.3	12.4	12.9	13.6	13.7	14.1	14.2	14.7
12H	4H		11.9	12.2	12.4	12.6	13.0	13.7	14.0	14.2	14.4	14.8
12H	6H		11.8	12.0	12.3	12.5	12.9	13.6	13.8	14.1	14.3	14.7
12H	8H		11.8	11.9	12.3	12.4	12.9	13.6	13.7	14.1	14.2	14.7
variation of observer position for luminaire distances S												
S = 1.0H						+4.3 / -14.9						
S = 1.5H						+6.9 / -20.8						
S = 2.0H						+8.9 / -25.6						
standard table						BK00	BK00					
correction summand						-6.4	-4.6					
corrected glare indices based on the total luminous flux UGR diagram according to CIE 117 with SHR 0.25												



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		15.4	16.1	15.7	16.2	16.4	16.2	16.8	16.4	17.0	17.2
2H	3H		15.3	15.9	15.6	16.1	16.3	16.0	16.6	16.3	16.8	17.1
2H	4H		15.2	15.8	15.5	16.0	16.3	16.0	16.5	16.3	16.8	17.0
2H	6H		15.1	15.6	15.5	15.9	16.2	15.9	16.4	16.2	16.7	16.9
2H	8H		15.1	15.6	15.4	15.9	16.2	15.8	16.3	16.2	16.6	16.9
2H	12H		15.1	15.5	15.4	15.8	16.1	15.8	16.3	16.2	16.6	16.9
4H	2H		15.2	15.8	15.5	16.0	16.3	16.0	16.5	16.3	16.8	17.0
4H	3H		15.1	15.5	15.4	15.8	16.1	15.8	16.3	16.2	16.6	16.9
4H	4H		15.0	15.4	15.4	15.7	16.1	15.7	16.1	16.1	16.5	16.8
4H	6H		14.9	15.2	15.3	15.6	16.0	15.7	16.0	16.1	16.3	16.7
4H	8H		14.9	15.2	15.3	15.5	15.9	15.6	15.9	16.0	16.3	16.7
4H	12H		14.8	15.1	15.3	15.5	15.9	15.6	15.8	16.0	16.2	16.6
8H	4H		14.9	15.2	15.3	15.5	15.9	15.6	15.9	16.0	16.3	16.7
8H	6H		14.8	15.0	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.6
8H	8H		14.7	14.9	15.2	15.4	15.8	15.5	15.7	16.0	16.1	16.6
8H	12H		14.7	14.8	15.2	15.3	15.8	15.4	15.6	15.9	16.0	16.5
12H	4H		14.8	15.1	15.3	15.5	15.9	15.6	15.8	16.0	16.2	16.6
12H	6H		14.7	14.9	15.2	15.4	15.8	15.5	15.7	16.0	16.1	16.6
12H	8H		14.7	14.8	15.2	15.3	15.8	15.4	15.6	15.9	16.0	16.5
variation of observer position for luminaire distances S												
S = 1.0H						+5.4 / -21.6						
S = 1.5H						+8.2 / -29.6						
S = 2.0H						+10.2 / -33.5						
standard table						BK00	BK00					
correction summand						-3.3	-2.6					
corrected glare indices based on the total luminous flux UGR diagram according to CIE 117 with SHR 0.25												