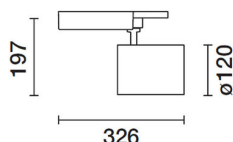


Product configuration: P701

P701: DALI dimmable spotlight - warm white wide flood optic



P701: DALI dimmable spotlight - warm white wide flood optic **Attention! Code no longer in production**

Adjustable spotlight with adapter for installation on DALI track for LED source with COB technology, Warm White (3000K) emission. Electronic control gear housed inside the track-mounted power supply box. The luminaire is made of die-cast aluminium and thermoplastic. OPTI BEAM superpure aluminium reflector with high luminous efficacy and uniform distribution, wide flood optic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

The luminaire can be installed on a DALI track or on an appropriate channel incorporating an electrified track.

Weight (Kg)
1.82

three circuit track|ceiling surface

product inclusive of DALI components incorporated into the track-mounted box.

Complies with EN60598-1 and pertinent regulations



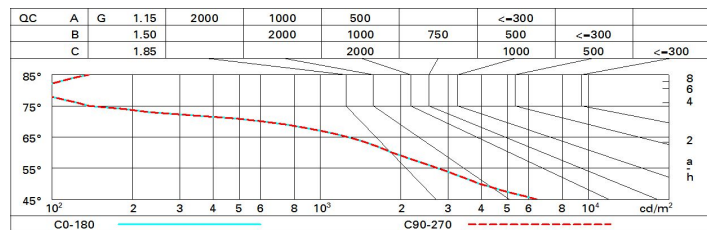
lm system:	3340	CRI:	90
W system:	35.7	Colour temperature [K]:	3000
lm source:	4400	MacAdam Step:	2
W source:	33	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	93.6	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	76	Number of optical assemblies:	1
Beam angle [°]:	48°	Control:	DALI

<p> $I_{\max}=5451 \text{ cd}$ $\alpha=48^\circ$ </p>	CIE nL 0.76 99-100-100-100-76 UGR 16.3-16.3		Lux			
	DIN A.61		h	d	Em	E_{max}
	UTE 0.76A+0.00T F*1=991 F*1+F*2=999 F*1+F*2+F*3=1000		2	1.8	1086	1361
	CIBSE LG3 Lc1500 cd/m ² at 65° UGR<19 Lc1500 cd/mq @65°		4	3.6	272	340
			6	5.3	121	151
			8	7.1	68	85

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	65	62	60	64	62	61	59	78
1.0	71	68	66	64	67	65	65	63	82
1.5	75	73	71	69	72	70	69	67	88
2.0	77	76	74	73	74	73	72	70	93
2.5	79	77	76	75	76	75	75	73	95
3.0	80	79	78	77	78	77	76	74	98
4.0	81	80	79	79	79	78	77	75	99
5.0	81	81	80	80	79	79	78	76	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 4400 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	16.9	17.4	17.2	17.7	17.9	16.9	17.4	17.2	17.7	17.9
	3H	16.7	17.2	17.1	17.5	17.8	16.8	17.2	17.1	17.5	17.8
	4H	16.7	17.1	17.0	17.4	17.7	16.7	17.1	17.0	17.4	17.7
	6H	16.6	17.0	16.9	17.3	17.7	16.6	17.0	16.9	17.3	17.7
	8H	16.6	17.0	16.9	17.3	17.6	16.6	17.0	16.9	17.3	17.6
	12H	16.5	16.9	16.9	17.3	17.6	16.5	16.9	16.9	17.3	17.6
4H	2H	16.7	17.1	17.0	17.4	17.7	16.7	17.1	17.0	17.4	17.7
	3H	16.5	16.9	16.9	17.3	17.6	16.5	16.9	16.9	17.3	17.6
	4H	16.4	16.8	16.8	17.2	17.5	16.4	16.8	16.8	17.2	17.5
	6H	16.4	16.7	16.8	17.0	17.5	16.4	16.7	16.8	17.0	17.5
	8H	16.3	16.6	16.7	17.0	17.4	16.3	16.6	16.7	17.0	17.4
	12H	16.3	16.5	16.7	16.9	17.4	16.3	16.5	16.7	16.9	17.4
8H	4H	16.3	16.6	16.7	17.0	17.4	16.3	16.6	16.7	17.0	17.4
	6H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4
	8H	16.2	16.3	16.6	16.8	17.3	16.2	16.3	16.6	16.8	17.3
	12H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
12H	4H	16.3	16.5	16.7	16.9	17.4	16.3	16.5	16.7	16.9	17.4
	6H	16.2	16.3	16.6	16.8	17.3	16.2	16.4	16.6	16.8	17.3
	8H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
Variations with the observer position at spacing:											
S =	1.0H	6.4 / -15.1					6.4 / -15.1				
	1.5H	9.2 / -17.5					9.2 / -17.5				
	2.0H	11.2 / -20.3					11.2 / -20.3				