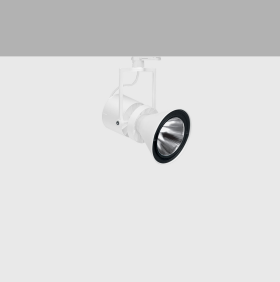


Last information update: May 2024

Product configuration: P255
P255: Medium body spotlight - Neutral white - DALI ballast - wide flood optic



Product code
P255: Medium body spotlight - Neutral white - DALI ballast - wide flood optic **Attention! Code no longer in production**

Technical description
Adjustable spotlight with adapter for installation on mains electrified track for high output LED lamp with monochrome emission in a neutral white (4000K) colour. Integrated DALI ballast. The luminaire is made of die-cast aluminium and thermoplastic material, and allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. The luminaire has mechanical aiming locks and graduated scales for both movements, operated using the same tool on two screws, one on the optic compartment and one on the adapter for the track. Spotlight equipped with accessory holding ring designed to contain a flat accessory. Another external component can also be applied, selected from directional flaps and an asymmetric screen. All external accessories rotate 360° about the spotlight longitudinal axis.

Installation
On an electrified track

Colour
White (01) | Grey / Black (74)

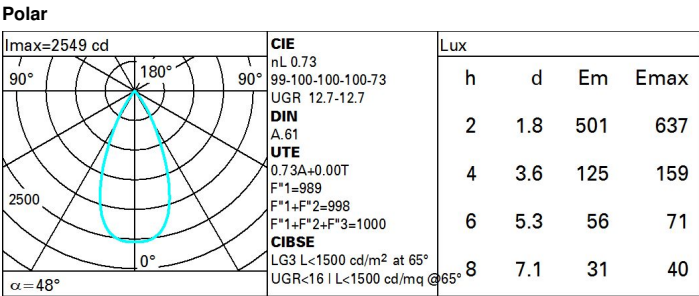
Mounting
three circuit track

Wiring
The DALI components are housed in the luminaire.

Complies with EN60598-1 and pertinent regulations



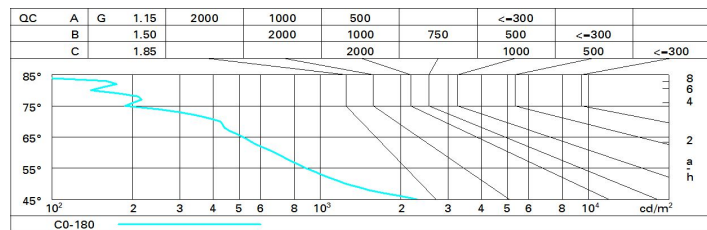
Technical data			
lm system:	1531	CRI (minimum):	80
W system:	13	Colour temperature [K]:	4000
lm source:	2100	MacAdam Step:	3
W source:	13	Lamp code:	LED
Luminous efficiency (lm/W, real value):	117.8	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	73	Control:	DALI
Beam angle [°]:	48°		



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	62	60	58	62	59	59	57	78
1.0	68	65	63	61	65	63	62	60	82
1.5	72	70	68	66	69	67	66	64	88
2.0	74	73	71	70	71	70	70	68	93
2.5	76	74	73	72	73	72	72	70	95
3.0	77	76	75	74	74	74	73	71	97
4.0	77	77	76	76	76	75	74	72	99
5.0	78	77	77	77	76	76	75	73	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2100 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	13.3	13.8	13.6	14.1	14.3	13.3	13.8	13.6	14.1	14.3
	3H	13.2	13.7	13.5	13.9	14.2	13.2	13.7	13.5	13.9	14.2
	4H	13.1	13.6	13.4	13.8	14.1	13.1	13.6	13.4	13.8	14.1
	6H	13.0	13.4	13.4	13.8	14.1	13.0	13.4	13.4	13.8	14.1
	8H	13.0	13.4	13.3	13.7	14.1	13.0	13.4	13.3	13.7	14.0
	12H	12.9	13.3	13.3	13.7	14.0	12.9	13.3	13.3	13.7	14.0
4H	2H	13.1	13.6	13.4	13.8	14.1	13.1	13.6	13.4	13.8	14.1
	3H	12.9	13.3	13.3	13.7	14.0	12.9	13.3	13.3	13.7	14.0
	4H	12.9	13.2	13.3	13.6	14.0	12.9	13.2	13.3	13.6	14.0
	6H	12.8	13.1	13.2	13.5	13.9	12.8	13.1	13.2	13.5	13.9
	8H	12.7	13.0	13.2	13.4	13.9	12.7	13.0	13.2	13.4	13.9
	12H	12.7	12.9	13.1	13.4	13.8	12.7	12.9	13.1	13.4	13.8
8H	4H	12.7	13.0	13.2	13.4	13.9	12.7	13.0	13.2	13.4	13.9
	6H	12.6	12.9	13.1	13.3	13.8	12.6	12.9	13.1	13.3	13.8
	8H	12.6	12.8	13.1	13.2	13.7	12.6	12.8	13.1	13.2	13.7
	12H	12.5	12.7	13.0	13.2	13.7	12.5	12.7	13.0	13.2	13.7
12H	4H	12.7	12.9	13.1	13.4	13.8	12.7	12.9	13.1	13.4	13.8
	6H	12.6	12.8	13.1	13.2	13.7	12.6	12.8	13.1	13.2	13.7
	8H	12.5	12.7	13.0	13.2	13.7	12.5	12.7	13.0	13.2	13.7
Variations with the observer position at spacing:											
S =		1.0H					6.1 / -14.2				
		1.5H					8.9 / -15.7				
		2.0H					10.9 / -16.4				