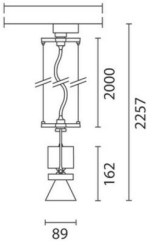


Last information update: July 2024

Product configuration: RR65
RR65: Pendant, track-mounted system - Small body spotlight - DALI - flood



Product code
RR65: Pendant, track-mounted system - Small body spotlight - DALI - flood

Technical description
Pendant luminaire with an adapter for installation on an electrified DALI track. High yield LED lamp with high color rendering index. Adjustable pendant spotlight made of die-cast aluminium and thermoplastic material. Balanced pendant system with double steel cable - L max 2000 mm - and adjustment system. Fitted with mechanical aiming locks, so rotation and tilting movements can be locked in position to ensure efficient light aiming even after the original installation or during maintenance. The optical assembly is equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied - asymmetric screen / directional flaps; the external accessories can rotate freely about the spotlight longitudinal axis. DALI dimmable power supply unit integrated in the spotlight body.

Installation
Installation on an electrified track - pendant cables L max 2000.

Colour	Weight (Kg)
White (01) Grey / Black (74)	1.01

Mounting
dali track|three circuit track pendant

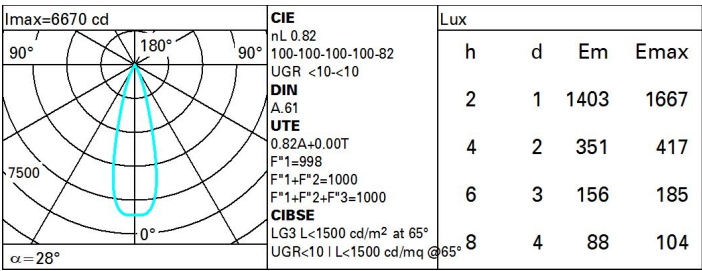
Wiring
Integrated DALI dimmer power supply unit.

Complies with EN60598-1 and pertinent regulations



Technical data			
Im system:	1706	CRI (minimum):	90
W system:	22.3	Colour temperature [K]:	3000
Im source:	2080	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	76.5	Lamp code:	LED
Im 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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	28°	Control:	DALI-2

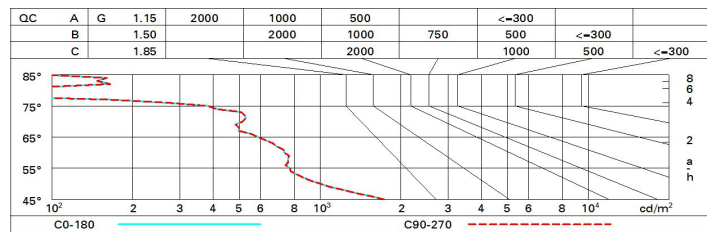
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	74	70	68	66	70	67	67	64	78
1.0	77	74	71	70	73	71	71	68	83
1.5	81	79	77	75	78	76	75	73	89
2.0	84	82	80	79	81	79	78	76	93
2.5	85	84	83	82	83	82	81	78	96
3.0	86	85	84	84	84	83	82	80	98
4.0	87	86	86	85	85	85	83	81	99
5.0	88	87	87	87	86	85	84	82	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2080 lm bare lamp luminous flux)											
Reflect.: ceiling/cav 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	0.2	2.4	0.6	2.7	3.0	0.2	2.4	0.6	2.7	3.0
	3H	0.2	1.8	0.5	2.2	2.5	0.1	1.8	0.5	2.1	2.5
	4H	0.1	1.5	0.5	1.9	2.2	0.1	1.5	0.4	1.8	2.1
	6H	0.1	1.2	0.5	1.5	1.9	0.0	1.1	0.4	1.4	1.8
	8H	0.1	1.1	0.5	1.4	1.8	-0.0	1.0	0.4	1.4	1.7
	12H	0.0	1.0	0.4	1.4	1.8	-0.1	1.0	0.3	1.3	1.7
4H	2H	0.1	1.5	0.4	1.8	2.1	0.1	1.5	0.5	1.9	2.2
	3H	0.1	1.1	0.5	1.5	1.8	0.1	1.1	0.5	1.5	1.9
	4H	0.0	1.0	0.5	1.4	1.8	0.0	1.0	0.5	1.4	1.8
	6H	-0.3	1.4	0.1	1.8	2.3	-0.3	1.4	0.2	1.8	2.3
	8H	-0.5	1.4	0.0	1.9	2.4	-0.5	1.5	0.0	1.9	2.4
	12H	-0.6	1.4	-0.1	1.9	2.4	-0.6	1.4	-0.1	1.9	2.4
8H	4H	-0.5	1.5	0.0	1.9	2.4	-0.5	1.4	0.0	1.9	2.4
	6H	-0.6	1.3	-0.1	1.8	2.3	-0.6	1.3	-0.1	1.8	2.3
	8H	-0.6	1.1	-0.1	1.6	2.1	-0.6	1.1	-0.1	1.6	2.1
	12H	-0.4	0.6	0.1	1.1	1.7	-0.4	0.6	0.1	1.1	1.7
12H	4H	-0.6	1.4	-0.1	1.9	2.4	-0.6	1.4	-0.1	1.9	2.4
	6H	-0.6	1.0	-0.1	1.5	2.1	-0.6	1.1	-0.1	1.6	2.1
	8H	-0.4	0.6	0.1	1.1	1.7	-0.4	0.6	0.1	1.1	1.7
Variations with the observer position at spacing:											
S =	1.0H	6.0 / -0.5					6.0 / -0.5				
	1.5H	8.7 / -7.1					8.7 / -7.1				
	2.0H	10.7 / -8.1					10.7 / -8.1				