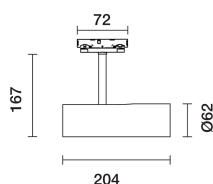


Last information update: June 2025

**Product configuration: PW25**

PW25: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI Powerline

**Product code**

PW25: Robin spotlight Ø62 for installation on a 48V low voltage track - DALI Powerline

**Technical description**

Miniaturised adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. The thermoplastic adapters are designed so they can be installed even in the curved track sections. Die-cast aluminium body with an ideal passive dissipation system to guarantee a long life and effective heat management. Driver circuit with DALI Powerline technology that allows each spotlight on the track to be adjusted independently. This offers a remarkable level of flexibility and lighting control. The swivel joints allow the spotlight to be rotated by 360° and tilted by 160°. The set back position of the optic unit guarantees a high level of visual comfort. A high definition thermoplastic lens with the option of using additional accessories to create other light effects. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

**Installation**

On a low voltage Filorail track. A tool-free system for connecting the product electrically and mechanically to the track.

**Colour**

White (01) | Black (04)

**Weight (Kg)**

0.75

**Wiring**

LED driver integrated in product body - direct connection on 48V track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2233	Colour temperature [K]:	3000
W system:	24.6	MacAdam Step:	2
Im source:	2690	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	24	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	90.8	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.) [%]:	83	Number of optical assemblies:	1
Beam angle [°]:	42°	Power factor:	See installation instructions
CRI (minimum):	90	Control:	DALI

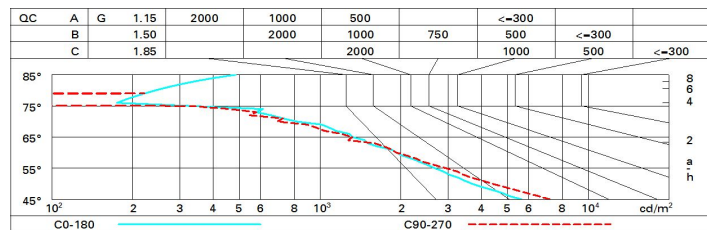
**Polar**

lmax=4979 cd		C0-180		CIE		Lux				
90°		180°		nL 0.83		h d1 d2 Em Emax				
				100-100-100-100-83		2 1.6 1.5 1012 1245				
				UGR <10-<10		4 3.1 3.1 253 311				
				DIN		6 4.7 4.6 112 138				
				A.61		8 6.2 6.1 63 78				
				UTE						
				0.83A+0.00T						
				F*1=997						
				F*1+F*2=1000						
				F*1+F*2+F*3=1000						
				CIBSE						
				LG3 L<1500 cd/m² at 65°						
				UGR<10   L<1500 cd/mq @65°						
α=42°		0°								

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2090 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	0.7	7.3	7.0	7.5	7.7	7.0	7.6	7.3	7.8	8.1
	3H	0.6	7.1	6.9	7.4	7.6	6.9	7.4	7.2	7.7	8.0
	4H	0.5	7.0	6.9	7.3	7.6	6.9	7.3	7.2	7.6	7.9
	6H	0.4	6.9	6.8	7.2	7.5	6.8	7.2	7.1	7.5	7.9
	8H	0.4	6.8	6.8	7.1	7.5	6.7	7.2	7.1	7.5	7.8
	12H	0.4	6.8	6.7	7.1	7.5	6.7	7.1	7.1	7.4	7.8
4H	2H	0.5	7.0	6.9	7.3	7.6	6.9	7.3	7.2	7.6	7.9
	3H	0.4	6.8	6.8	7.1	7.5	6.7	7.1	7.1	7.5	7.8
	4H	0.3	6.7	6.7	7.0	7.4	6.7	7.0	7.0	7.4	7.8
	6H	0.2	6.5	6.7	6.9	7.4	6.6	6.9	7.0	7.3	7.7
	8H	0.2	6.5	6.6	6.9	7.3	6.5	6.8	7.0	7.2	7.7
	12H	0.1	6.4	6.6	6.8	7.3	6.5	6.7	6.9	7.2	7.6
8H	4H	0.2	6.5	6.6	6.9	7.3	6.5	6.8	7.0	7.2	7.6
	6H	0.1	6.3	6.6	6.8	7.2	6.4	6.7	6.9	7.1	7.6
	8H	0.0	6.2	6.5	6.7	7.2	6.4	6.6	6.9	7.0	7.5
	12H	0.0	6.2	6.5	6.6	7.2	6.3	6.5	6.8	7.0	7.5
12H	4H	0.1	6.4	6.6	6.8	7.3	6.5	6.7	6.9	7.2	7.6
	6H	0.0	6.2	6.5	6.7	7.2	6.4	6.6	6.9	7.0	7.5
	8H	0.0	6.2	6.5	6.6	7.2	6.3	6.5	6.8	7.0	7.5
Variations with the observer position at spacing:											
S =	1.0H	6.3 / -8.7					6.2 / -8.8				
	1.5H	9.1 / -10.8					9.0 / -11.3				
	2.0H	11.1 / -12.5					11.0 / -13.4				