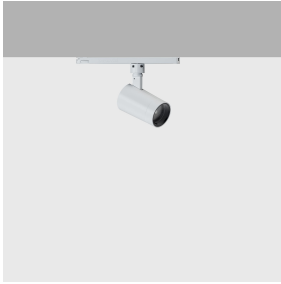


Last information update: March 2025

**Product configuration: PW94**

PW94: Ø62mm body - dimmable electronic DALI - Flood optic



**Product code**

PW94: Ø62mm body - dimmable electronic DALI - Flood optic

**Technical description**

Adjustable spotlight with adapter for installation on an electrified track. High chromatic yield LED lamp (CRI97) with 2700K tone and OptiBeam Lens optic system and Flood optic. DALI dimmable electronic power supply integrated in product track adapter. Luminaire made of die-cast aluminium and thermoplastic material that allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane with mechanical aiming locks. Passive heat dissipation. Spotlight with "Push&Go" system designed to hold up to three flat accessories at the same time. The same system can also be used to apply another external component selected from the directional flaps and anti-glare screen. All internal accessories rotate 360° about the spotlight longitudinal axis.

**Installation**

Installation on an electrified track.

**Colour**

White (01) | Black (04)

**Weight (Kg)**

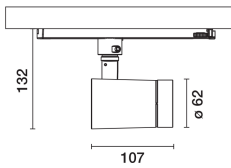
0.51

**Mounting**

three circuit track|wall surface|three circuit track pendant|ceiling surface

**Wiring**

Electronic components integrated in product.



Complies with EN60598-1 and pertinent regulations



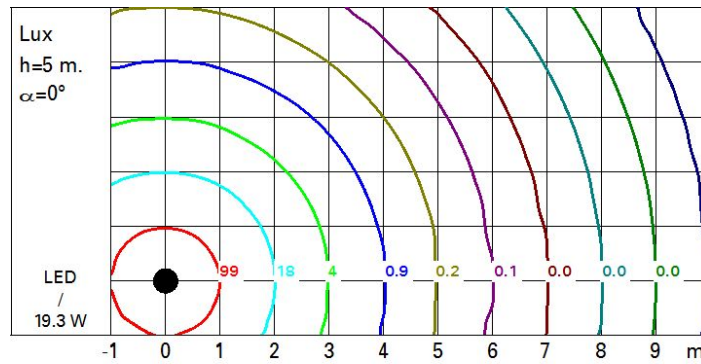
**Technical data**

Im system:	1053	MacAdam Step:	2
W system:	19.3	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	1350	Lamp code:	LED
W source:	17	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	54.6	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	78	Inrush current:	5 A / 50 µs
Beam angle [°]:	28°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	97	Overvoltage protection:	4kV Common mode & 2kV Differential mode
Colour temperature [K]:	2700	Control:	DALI-2

**Polar**

Imax=3971 cd	Lux			
	h	d	Em	E <sub>max</sub>
	2	1	794	993
	4	2	199	248
	6	3	88	110
	8	4	50	62

### Isolux



### UGR diagram

Corrected UGR values (at 1350 lm bare lamp luminous flux)											
Reflect.:		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceiling/cav											
walls											
work pl.											
Room dim		viewed					viewed				
x	y	crosswise					endwise				
2H	2H	13.8	15.8	14.2	10.1	10.5	13.8	15.8	14.2	10.1	10.5
	3H	13.7	15.3	14.1	15.6	15.9	13.7	15.2	14.1	15.6	15.9
	4H	13.6	15.0	14.0	15.3	15.6	13.6	14.9	14.0	15.3	15.6
	6H	13.6	14.6	14.0	15.0	15.3	13.6	14.6	14.0	15.0	15.3
	8H	13.5	14.6	13.9	14.9	15.3	13.5	14.6	13.9	14.9	15.3
	12H	13.5	14.5	13.9	14.9	15.2	13.5	14.5	13.9	14.9	15.2
4H	2H	13.6	14.9	14.0	15.3	15.6	13.6	15.0	14.0	15.3	15.6
	3H	13.5	14.5	13.9	14.9	15.3	13.5	14.5	13.9	14.9	15.3
	4H	13.4	14.4	13.9	14.8	15.2	13.4	14.4	13.9	14.8	15.2
	6H	13.1	14.7	13.6	15.1	15.6	13.1	14.7	13.6	15.1	15.6
	8H	12.9	14.7	13.4	15.2	15.7	12.9	14.7	13.4	15.2	15.7
	12H	12.8	14.7	13.3	15.2	15.7	12.8	14.7	13.3	15.2	15.7
8H	4H	12.9	14.7	13.4	15.2	15.7	12.9	14.7	13.4	15.2	15.7
	6H	12.8	14.6	13.3	15.0	15.6	12.8	14.6	13.3	15.0	15.6
	8H	12.8	14.3	13.3	14.8	15.4	12.8	14.3	13.3	14.8	15.4
	12H	12.9	14.0	13.4	14.5	15.0	12.9	14.0	13.4	14.5	15.0
12H	4H	12.8	14.7	13.3	15.2	15.7	12.8	14.7	13.3	15.2	15.7
	6H	12.8	14.3	13.3	14.8	15.4	12.8	14.3	13.3	14.8	15.4
	8H	12.9	14.0	13.4	14.5	15.0	12.9	14.0	13.4	14.5	15.0
Variations with the observer position at spacing:											
S =	1.0H	5.0 / -8.7					5.0 / -8.7				
	1.5H	7.8 / -10.9					7.8 / -10.9				
	2.0H	9.8 / -12.5					9.8 / -12.5				