

Last information update: September 2025

Product configuration: PE51.01
PE51.01: Strip UpLight Warm White - UGR<19 - for module L=1824 - 6.6W 890lm - 3000K - White

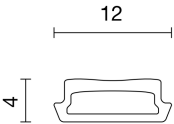


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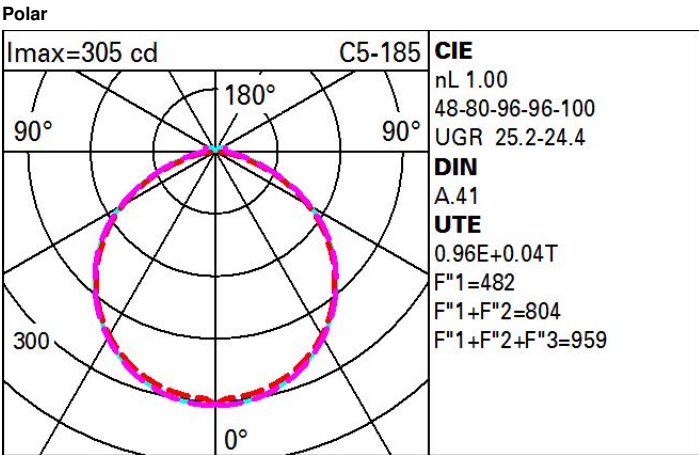
Technical description
Strip UpLight for module L=1824. Monochrome Warm White CRI90 LED lamp with UGR<19. Complete with quick coupling connectors.

Colour	Weight (Kg)
White (01)	0.05

Complies with EN60598-1 and pertinent regulations



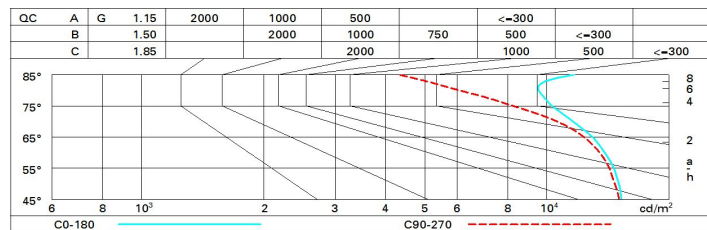
Technical data			
Im system:	890	Colour temperature [K]:	3000
W system:	6.6	MacAdam Step:	3
Im source:	-	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	-	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value):	134.8	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	35	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI (minimum):	90	LED current [mA]:	20
Rf (Colour Fidelity Index):	90	Control:	PWM
Rg (Gamut Index):	96		



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	55	47	42	53	46	45	38	40
1.0	72	62	55	49	60	54	53	45	47
1.5	82	74	68	63	72	66	65	58	60
2.0	88	82	76	72	79	74	73	66	69
2.5	92	86	82	78	84	80	78	72	75
3.0	94	90	86	82	87	83	81	75	79
4.0	97	94	90	87	91	88	86	80	83
5.0	99	96	93	91	93	91	88	83	86

Luminance curve limit



UGR diagram

Corrected UGR values (at 890 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	21.8	22.9	22.2	23.2	23.6	21.7	22.8	22.1	23.2	23.5
	3H	23.1	24.1	23.6	24.5	24.9	22.2	23.2	22.6	23.5	23.9
	4H	23.6	24.5	24.1	24.9	25.3	22.3	23.2	22.7	23.6	24.0
	6H	24.0	24.9	24.4	25.3	25.7	22.4	23.2	22.8	23.6	24.1
	8H	24.2	25.0	24.6	25.4	25.8	22.4	23.2	22.8	23.6	24.0
	12H	24.3	25.1	24.8	25.5	26.0	22.3	23.1	22.8	23.5	24.0
4H	2H	22.4	23.3	22.8	23.7	24.1	23.3	24.2	23.7	24.6	25.0
	3H	23.9	24.7	24.4	25.1	25.6	23.9	24.7	24.4	25.1	25.6
	4H	24.5	25.2	25.0	25.6	26.1	24.1	24.8	24.6	25.3	25.8
	6H	25.0	25.6	25.5	26.1	26.6	24.3	24.9	24.8	25.4	25.9
	8H	25.2	25.7	25.7	26.2	26.8	24.4	24.9	24.9	25.4	25.9
	12H	25.4	25.9	25.9	26.4	27.0	24.4	24.9	24.9	25.4	25.9
8H	4H	24.7	25.2	25.2	25.7	26.3	24.5	25.0	25.0	25.5	26.1
	6H	25.3	25.8	25.8	26.3	26.9	24.8	25.2	25.3	25.8	26.3
	8H	25.6	26.0	26.1	26.5	27.1	24.9	25.3	25.4	25.8	26.4
	12H	25.9	26.3	26.5	26.8	27.4	25.0	25.3	25.6	25.9	26.5
12H	4H	24.7	25.2	25.2	25.7	26.2	24.5	25.0	25.0	25.5	26.1
	6H	25.3	25.7	25.9	26.3	26.9	24.8	25.2	25.4	25.8	26.3
	8H	25.7	26.0	26.2	26.6	27.2	25.0	25.3	25.5	25.9	26.5
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.3 / -0.4					0.3 / -0.5				
	2.0H	0.5 / -0.7					0.6 / -0.8				