

Last information update: July 2024

Product configuration: PE30
PE30: Strip UpLight for module L=1824



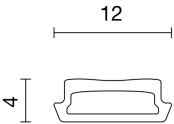
Product code
PE30: Strip UpLight for module L=1824

Technical description
Strip UpLight for module L=1824. Monochrome LED High Output Warm White CRI90 lamp with a General Light optic. Complete with quick coupling connectors.

Colour
White (01)

Weight (Kg)
0.05

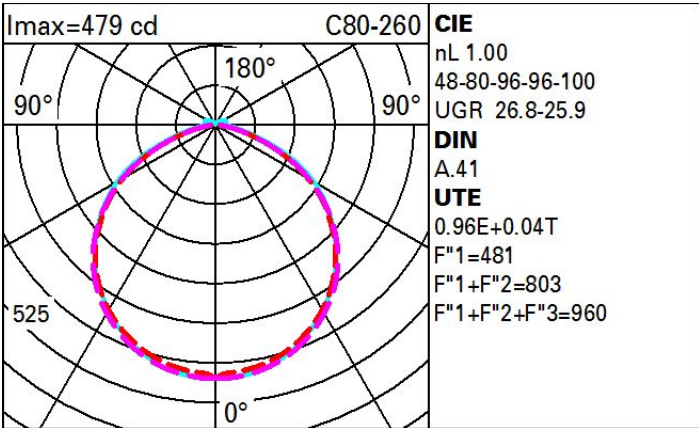
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1400	MacAdam Step:	3
W system:	11.2	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	-	Voltage [Vin]:	48
W source:	-	Lamp code:	LED
Luminous efficiency (Im/W, real value):	125	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	55	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	LED current [mA]:	35
CRI (minimum):	90	Control:	PWM
Colour temperature [K]:	2700		

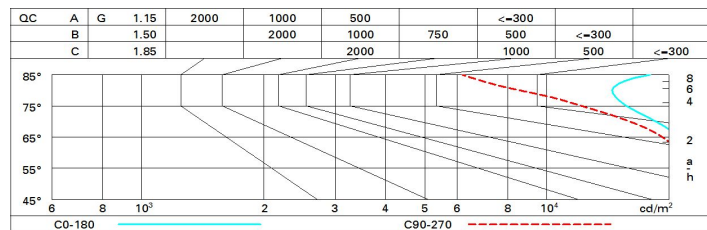
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	65	54	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 1400 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x y		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
		viewed crosswise					viewed endwise				
2H	2H	23.4	24.5	23.8	24.9	25.2	23.3	24.4	23.6	24.7	25.1
	3H	24.9	25.8	25.3	26.2	26.6	23.7	24.7	24.1	25.1	25.4
	4H	25.3	26.2	25.7	26.6	27.0	23.9	24.8	24.3	25.2	25.6
	6H	25.6	26.5	26.1	26.9	27.3	23.9	24.8	24.4	25.2	25.6
	8H	25.8	26.6	26.2	27.0	27.5	23.9	24.7	24.4	25.2	25.6
	12H	25.9	26.7	26.4	27.1	27.6	23.9	24.7	24.4	25.1	25.6
4H	2H	24.0	25.0	24.5	25.3	25.7	24.8	25.7	25.2	26.1	26.5
	3H	25.6	26.4	26.1	26.8	27.3	25.4	26.1	25.8	26.6	27.0
	4H	26.2	26.9	26.6	27.3	27.8	25.6	26.3	26.1	26.8	27.2
	6H	26.6	27.2	27.1	27.7	28.2	25.8	26.4	26.3	26.9	27.4
	8H	26.8	27.4	27.3	27.9	28.4	25.9	26.4	26.4	26.9	27.4
	12H	27.0	27.5	27.5	28.0	28.6	25.9	26.4	26.4	26.9	27.4
8H	4H	26.3	26.9	26.9	27.4	27.9	25.9	26.5	26.4	27.0	27.5
	6H	26.9	27.4	27.5	27.9	28.5	26.2	26.7	26.7	27.2	27.8
	8H	27.2	27.6	27.8	28.2	28.8	26.3	26.7	26.9	27.3	27.9
	12H	27.5	27.9	28.1	28.4	29.1	26.4	26.8	27.0	27.3	28.0
12H	4H	26.3	26.8	26.9	27.4	27.9	25.9	26.4	26.4	26.9	27.5
	6H	27.0	27.4	27.5	27.9	28.5	26.2	26.6	26.8	27.2	27.8
	8H	27.3	27.7	27.9	28.2	28.8	26.4	26.8	27.0	27.3	27.9
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	0.4 / -0.6					0.6 / -0.8				