

Last information update: June 2025

Product configuration: PE18

PE18: Strip UpLight for module L=684

Product code

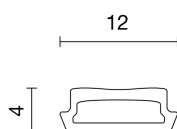
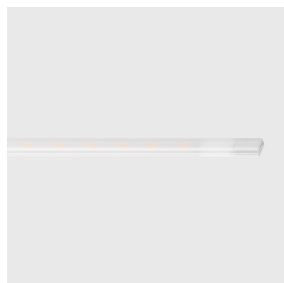
PE18: Strip UpLight for module L=684

Technical description

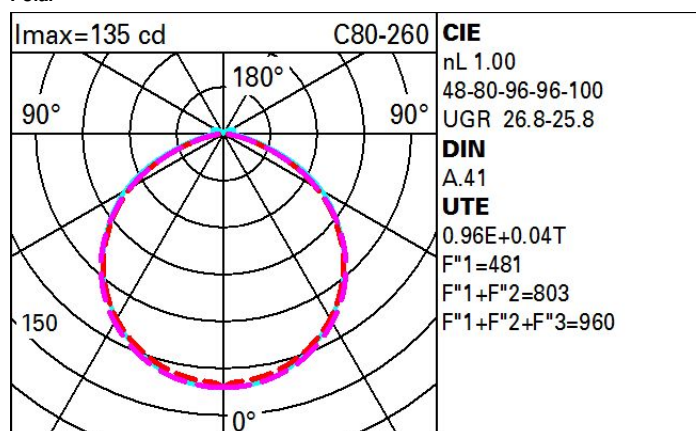
Strip UpLight for module L=684. Monochrome LED High Output Warm White CRI90 lamp with a General Light optic. Complete with quick coupling connectors.

Colour
White (01)**Weight (Kg)**
0.01

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	395	MacAdam Step:	3
W system:	3.2	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):	123.4	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]:	16	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

CIE
nL 1.00
48-80-96-96-100
UGR 26.8-25.8

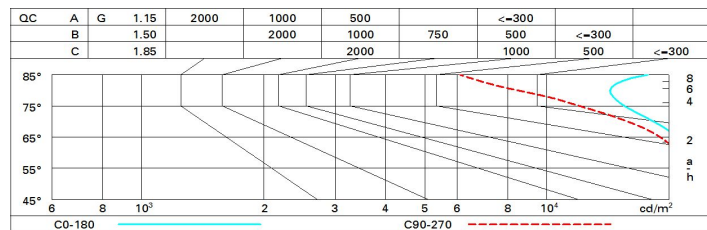
DIN
A.41

UTE
0.96E+0.04T
F"1=481
F"1+F"2=803
F"1+F"2+F"3=960

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 395 lm bare lamp luminous flux)											
Reflect.: ceiling 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	23.4	24.5	23.8	24.8	25.2	23.2	24.3	23.6	24.7	25.0
	3H	24.8	25.8	25.2	26.2	26.6	23.7	24.6	24.1	25.0	25.4
	4H	25.3	26.2	25.7	26.6	27.0	23.8	24.7	24.3	25.1	25.5
	6H	25.6	26.4	26.0	26.8	27.3	23.9	24.7	24.3	25.1	25.6
	8H	25.7	26.6	26.2	27.0	27.4	23.9	24.7	24.3	25.1	25.6
	12H	25.9	26.7	26.3	27.1	27.5	23.9	24.6	24.3	25.1	25.5
4H	2H	24.0	24.9	24.4	25.3	25.7	24.7	25.6	25.1	26.0	26.4
	3H	25.6	26.3	26.0	26.8	27.2	25.3	26.1	25.8	26.5	27.0
	4H	26.1	26.8	26.6	27.3	27.7	25.6	26.3	26.0	26.7	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	27.3	27.3	27.8	28.3	25.8	26.4	26.3	26.9	27.4
	12H	27.0	27.5	27.5	28.0	28.5	25.8	26.3	26.3	26.8	27.4
8H	4H	26.3	26.9	26.8	27.4	27.9	25.9	26.4	26.4	26.9	27.4
	6H	26.9	27.4	27.4	27.9	28.4	26.2	26.6	26.7	27.1	27.7
	8H	27.2	27.6	27.7	28.1	28.7	26.3	26.7	26.8	27.2	27.8
	12H	27.5	27.8	28.1	28.4	29.0	26.4	26.7	27.0	27.3	27.9
12H	4H	26.3	26.8	26.8	27.3	27.9	25.9	26.4	26.4	26.9	27.4
	6H	26.9	27.3	27.5	27.9	28.5	26.2	26.6	26.7	27.1	27.7
	8H	27.3	27.6	27.8	28.2	28.8	26.4	26.7	26.9	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				