

Last information update: July 2024

Product configuration: PE20
PE20: Strip UpLight for module L=684

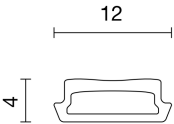


Product code
PE20: Strip UpLight for module L=684

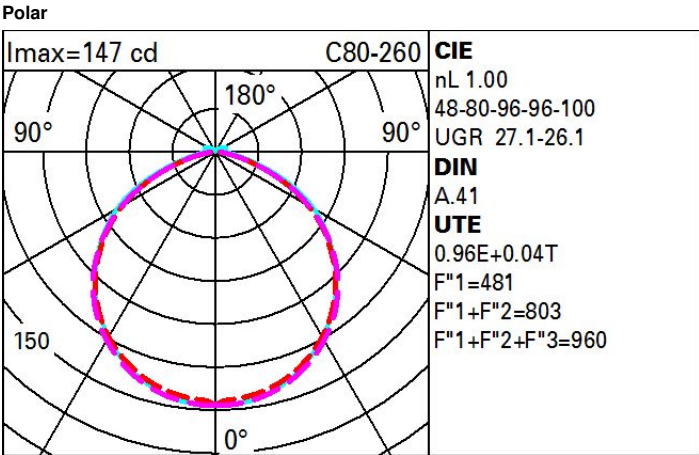
Technical description
Strip UpLight for module L=684. Monochrome LED High Output Warm White CRI90 lamp with a General Light optic. Complete with quick coupling connectors.

Colour White (01)	Weight (Kg) 0.01
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Complies with EN60598-1 and pertinent regulations



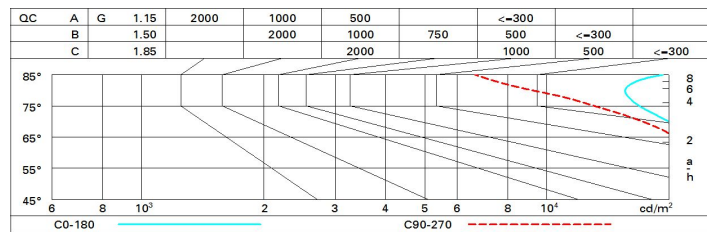
Technical data			
Im system:	430	MacAdam Step:	3
W system:	3.2	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	-	Voltage [Vin]:	48
W source:	-	Lamp code:	LED
Luminous efficiency (Im/W, real value):	134.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	17	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	LED current [mA]:	35
CRI (minimum):	90	Control:	PWM
Colour temperature [K]:	3500		



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 430 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	23.7	24.8	24.1	25.1	25.5	23.5	24.6	23.9	24.9	25.3
	3H	25.1	26.1	25.5	26.5	26.9	24.0	24.9	24.4	25.3	25.7
	4H	25.6	26.5	26.0	26.9	27.3	24.1	25.0	24.5	25.4	25.8
	6H	25.9	26.7	26.3	27.1	27.6	24.2	25.0	24.6	25.4	25.9
	8H	26.0	26.8	26.5	27.3	27.7	24.2	25.0	24.6	25.4	25.9
	12H	26.2	27.0	26.6	27.4	27.8	24.1	24.9	24.6	25.4	25.8
4H	2H	24.3	25.2	24.7	25.6	26.0	25.0	25.9	25.4	26.3	26.7
	3H	25.9	26.6	26.3	27.1	27.5	25.6	26.4	26.1	26.8	27.3
	4H	26.4	27.1	26.9	27.6	28.0	25.9	26.6	26.3	27.0	27.5
	6H	26.9	27.5	27.4	27.9	28.5	26.1	26.7	26.6	27.1	27.7
	8H	27.1	27.6	27.6	28.1	28.6	26.1	26.7	26.6	27.2	27.7
	12H	27.2	27.8	27.8	28.3	28.8	26.1	26.6	26.6	27.1	27.7
8H	4H	26.6	27.2	27.1	27.7	28.2	26.1	26.7	26.7	27.2	27.7
	6H	27.2	27.7	27.7	28.2	28.7	26.4	26.9	27.0	27.4	28.0
	8H	27.5	27.9	28.0	28.4	29.0	26.6	27.0	27.1	27.5	28.1
	12H	27.8	28.1	28.4	28.7	29.3	26.7	27.0	27.3	27.6	28.2
12H	4H	26.6	27.1	27.1	27.6	28.2	26.2	26.7	26.7	27.2	27.7
	6H	27.2	27.6	27.8	28.2	28.8	26.5	26.9	27.0	27.4	28.0
	8H	27.6	27.9	28.1	28.5	29.1	26.7	27.0	27.2	27.6	28.2
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				