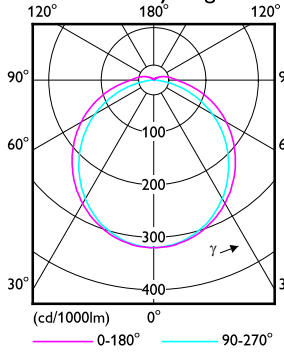


## 1 x PLED 8.9W 4000K 9290037575

1 x 1100 lm

Polar intensity diagram

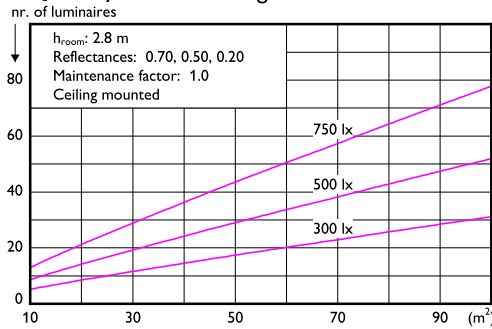


Light output ratio 1.00  
 Service upward 0.05  
 Service downward 0.95

CIE flux code 45 75 93 95 100

UGRcen (4Hx8H, 0.25H) 23

Quantity estimation diagram

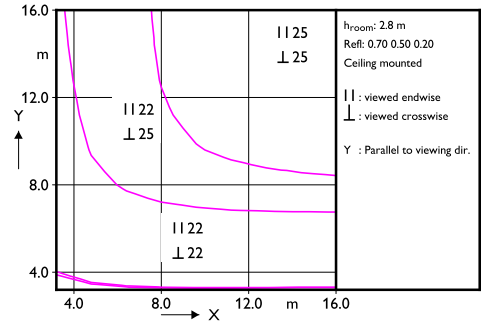


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)												
	0.80 0.80			0.70 0.70 0.70 0.70			0.50 0.50			0.30 0.30			0.00
	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30	0.00
0.60	0.47	0.44	0.46	0.45	0.44	0.36	0.35	0.31	0.35	0.30	0.28		
0.80	0.57	0.53	0.56	0.54	0.52	0.45	0.44	0.39	0.43	0.38	0.36		
1.00	0.65	0.61	0.64	0.62	0.60	0.52	0.51	0.46	0.50	0.45	0.42		
1.25	0.74	0.68	0.72	0.69	0.66	0.59	0.58	0.53	0.56	0.52	0.49		
1.50	0.80	0.73	0.78	0.75	0.71	0.65	0.63	0.58	0.61	0.57	0.54		
2.00	0.90	0.80	0.87	0.83	0.79	0.73	0.71	0.67	0.69	0.66	0.62		
2.50	0.97	0.85	0.93	0.88	0.84	0.79	0.77	0.73	0.74	0.71	0.68		
3.00	1.01	0.89	0.98	0.92	0.87	0.83	0.80	0.77	0.78	0.75	0.72		
4.00	1.08	0.93	1.04	0.97	0.91	0.88	0.85	0.82	0.83	0.80	0.77		
5.00	1.12	0.96	1.07	1.00	0.94	0.91	0.88	0.86	0.86	0.84	0.80		

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	6327	6263	6289	6403	6610	6900	7265
50.0	6091	6010	6028	6141	6360	6675	7081
55.0	5858	5754	5758	5866	6082	6407	6843
60.0	5599	5473	5463	5568	5780	6118	6589
65.0	5338	5178	5144	5233	5425	5756	6247
70.0	5036	4844	4787	4862	5011	5310	5794
75.0	4717	4481	4390	4440	4501	4711	5113
80.0	4374	4089	3958	3976	3898	3931	4102
85.0	4112	3743	3544	3500	3227	2944	2419
90.0	4162	3718	3494	3481	3231	2997	494

(cd/m<sup>2</sup>)

2024-01-11