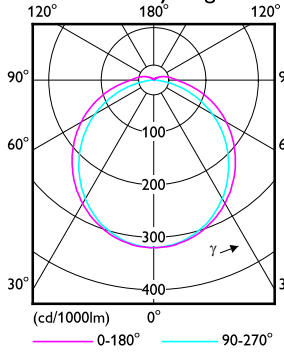


## 1 x PLED 8.9W 3000K 9290037574

1 x 990 lm

Polar intensity diagram

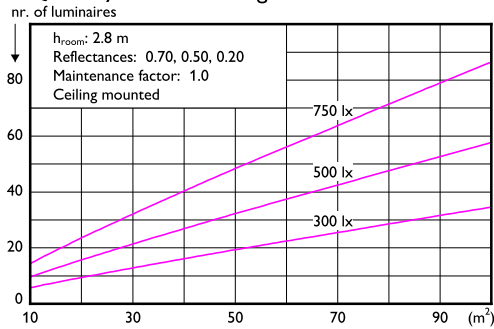


Light output ratio 1.00  
 Service upward 0.05  
 Service downward 0.95

CIE flux code 45 75 93 95 100

UGRcen (4Hx8H, 0.25H) 23

Quantity estimation diagram

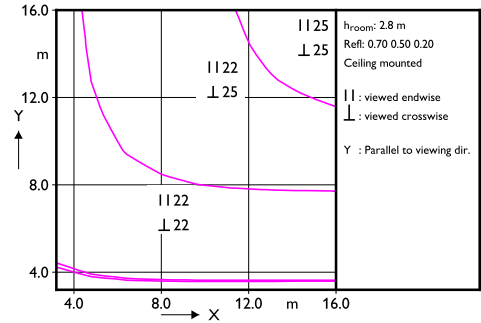


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)																			
	0.80 0.80				0.70 0.70				0.50 0.50				0.30 0.30				0.00 0.00			
	0.80	0.80	0.50	0.50	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10
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	5694	5637	5660	5762	5949	6210	6539
50.0	5482	5409	5425	5527	5724	6007	6373
55.0	5272	5179	5182	5280	5474	5767	6158
60.0	5039	4926	4917	5011	5202	5506	5930
65.0	4804	4661	4630	4709	4882	5181	5622
70.0	4532	4360	4308	4376	4510	4779	5214
75.0	4245	4033	3951	3996	4051	4240	4602
80.0	3937	3680	3562	3579	3508	3538	3692
85.0	3701	3369	3189	3150	2904	2649	2177
90.0	3746	3347	3144	3133	2908	2697	445

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

2024-01-11