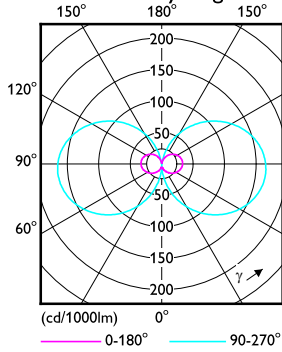


## 1 x PLED 3.5W 4000K 9290043500

1 x 400 lm

Polar intensity diagram

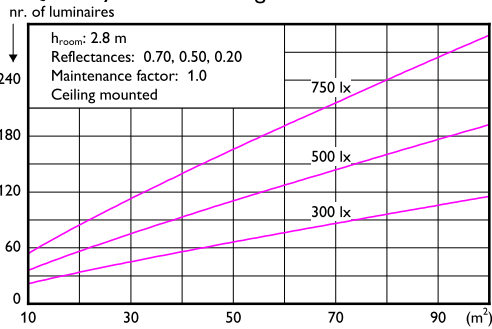


Light output ratio 1.00  
 Service upward 0.47  
 Service downward 0.53

CIE flux code 14 39 68 53 100

UGRcen (4Hx8H, 0.25H) 35

Quantity estimation diagram

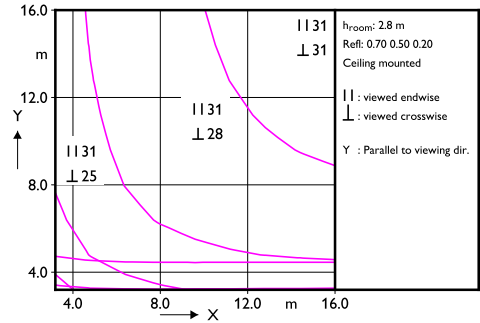


Utilisation factor table

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	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.60	0.32	0.30	0.29	0.28	0.28	0.20	0.17	0.12	0.13	0.09	0.04		
0.80	0.41	0.38	0.37	0.36	0.35	0.27	0.22	0.17	0.18	0.14	0.07		
1.00	0.48	0.44	0.43	0.42	0.41	0.32	0.27	0.22	0.22	0.17	0.10		
1.25	0.55	0.51	0.50	0.48	0.46	0.38	0.32	0.27	0.26	0.21	0.13		
1.50	0.61	0.55	0.55	0.53	0.51	0.43	0.36	0.31	0.29	0.25	0.15		
2.00	0.70	0.63	0.64	0.61	0.58	0.50	0.42	0.37	0.35	0.31	0.20		
2.50	0.76	0.68	0.69	0.66	0.62	0.56	0.47	0.42	0.39	0.35	0.23		
3.00	0.81	0.71	0.74	0.70	0.66	0.60	0.50	0.46	0.42	0.38	0.26		
4.00	0.88	0.76	0.80	0.75	0.71	0.65	0.55	0.52	0.46	0.43	0.30		
5.00	0.93	0.80	0.84	0.79	0.74	0.69	0.59	0.55	0.49	0.46	0.32		

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	6833	12623	19149	26688	33641	38862	42215
50.0	7982	14529	21994	30742	39021	45448	49876
55.0	9326	16690	25186	35288	45149	53064	58890
60.0	10916	19166	28858	40613	52354	62171	69967
65.0	12847	22118	33175	46834	61008	73366	83938
70.0	15253	25714	38455	54573	71872	87752	102569
75.0	18379	30289	45135	64432	85957	107007	128771
80.0	22680	36466	54133	77865	105736	135260	169923
85.0	29074	45425	67230	97889	135975	181401	245752
90.0	39938	60123	88570	131255	189974	274203	439491

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

2025-11-06