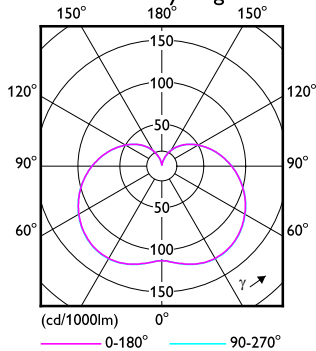


1 x HB MV ND 9.5Klm E40 9290044836

1 x 9500 lm

Polar intensity diagram

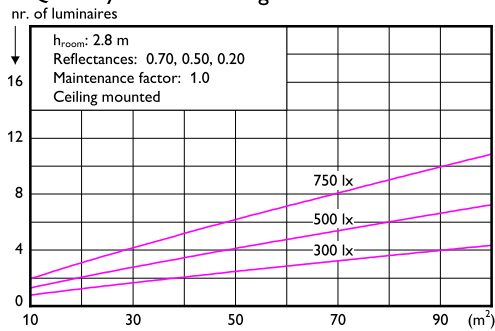


Light output ratio 1.00
Service upward 0.30
Service downward 0.70

CIE flux code 28 55 79 70 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

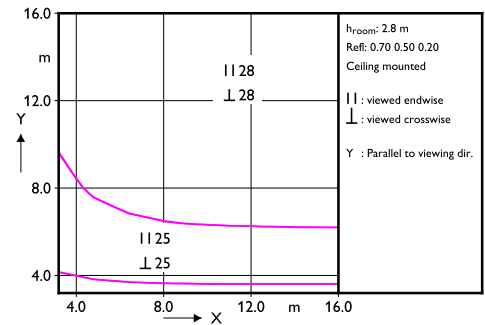


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80 0.80				0.70 0.70				0.50 0.50			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.36	0.35	0.34	0.34	0.33	0.25	0.23	0.18	0.21	0.16	0.12	
0.80	0.46	0.43	0.43	0.42	0.41	0.33	0.29	0.24	0.26	0.22	0.17	
1.00	0.53	0.50	0.50	0.49	0.47	0.39	0.35	0.30	0.31	0.27	0.21	
1.25	0.61	0.56	0.57	0.55	0.53	0.45	0.41	0.35	0.36	0.32	0.25	
1.50	0.67	0.61	0.63	0.60	0.58	0.50	0.45	0.40	0.40	0.36	0.29	
2.00	0.77	0.68	0.72	0.68	0.65	0.58	0.52	0.47	0.47	0.43	0.35	
2.50	0.83	0.73	0.78	0.73	0.70	0.63	0.57	0.53	0.51	0.48	0.39	
3.00	0.88	0.77	0.82	0.77	0.73	0.67	0.61	0.57	0.55	0.51	0.42	
4.00	0.95	0.82	0.88	0.83	0.78	0.73	0.66	0.62	0.59	0.56	0.47	
5.00	0.99	0.85	0.92	0.86	0.81	0.77	0.69	0.66	0.63	0.60	0.50	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	24204	21244	19724	19243	19744	21297	24310
50.0	23272	20258	18733	18261	18750	20302	23363
55.0	22398	19341	17820	17362	17840	19388	22485
60.0	21604	18520	16995	16528	17008	18564	21708
65.0	20894	17773	16246	15781	16257	17801	20954
70.0	20228	17092	15569	15099	15574	17114	20286
75.0	19643	16464	14942	14481	14952	16491	19698
80.0	19135	15907	14379	13919	14378	15917	19176
85.0	18712	15420	13879	13413	13874	15416	18721
90.0	18340	14979	13429	12965	13419	14970	18347

(cd/m²)

2026-09-14