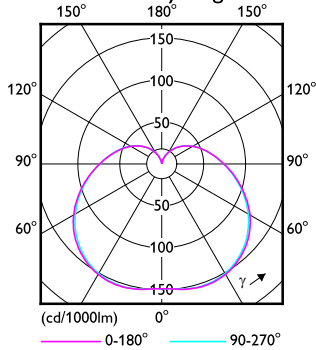


1 x ESS HPI 45W 9290036321

1 x 4500 lm

Polar intensity diagram

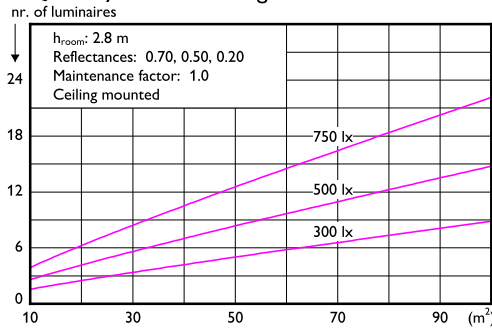


Light output ratio 1.00
Service upward 0.26
Service downward 0.74

CIE flux code 32 60 82 74 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

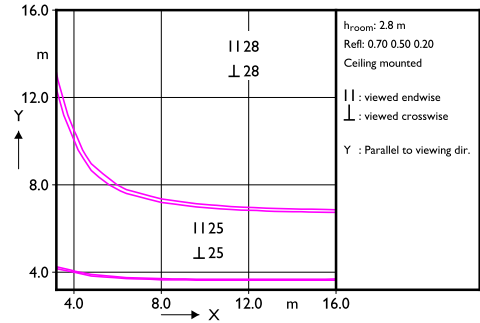


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30
0.60	0.38	0.36	0.36	0.36	0.36	0.35	0.27	0.25	0.20	0.23	0.19	0.15
0.80	0.48	0.45	0.45	0.44	0.43	0.35	0.32	0.27	0.29	0.25	0.20	0.15
1.00	0.56	0.52	0.53	0.51	0.49	0.41	0.38	0.33	0.35	0.30	0.25	0.15
1.25	0.63	0.58	0.60	0.58	0.55	0.48	0.44	0.38	0.40	0.35	0.29	0.15
1.50	0.70	0.63	0.66	0.63	0.60	0.53	0.48	0.43	0.44	0.40	0.33	0.15
2.00	0.79	0.71	0.74	0.71	0.67	0.61	0.56	0.51	0.51	0.47	0.39	0.15
2.50	0.85	0.75	0.80	0.76	0.72	0.66	0.61	0.56	0.55	0.52	0.44	0.15
3.00	0.90	0.79	0.85	0.80	0.76	0.70	0.64	0.60	0.59	0.55	0.47	0.15
4.00	0.97	0.84	0.91	0.85	0.80	0.75	0.69	0.66	0.63	0.60	0.52	0.15
5.00	1.01	0.87	0.95	0.89	0.83	0.79	0.72	0.69	0.66	0.64	0.55	0.15

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	23845	20894	19353	18825	19212	20642	23500
50.0	22500	19553	18029	17506	17880	19283	22127
55.0	21221	18295	16798	16284	16643	18015	20831
60.0	19973	17090	15630	15131	15487	16827	19600
65.0	18761	15935	14525	14050	14400	15708	18441
70.0	17619	14857	13497	13050	13396	14673	17362
75.0	16581	13876	12566	12144	12492	13740	16384
80.0	15670	13011	11743	11344	11690	12914	15532
85.0	14896	12267	11033	10654	11002	12210	14815
90.0	14275	11652	10441	10076	10425	11626	14242

(cd/m²)

2022-11-18