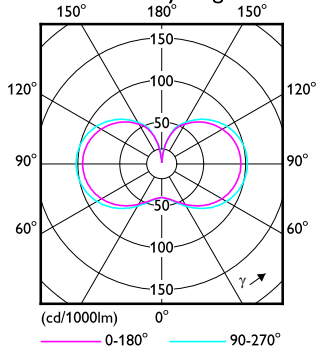


1 x LED HPL 13W 830 9290023497

1 x 2000 lm

Polar intensity diagram

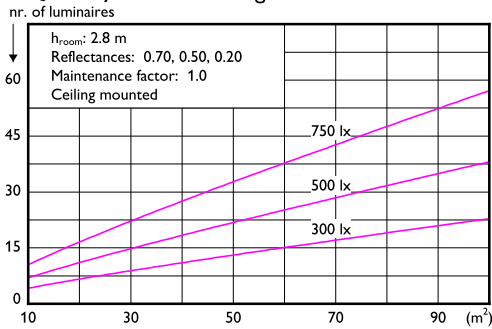


Light output ratio 1.00  
 Service upward 0.50  
 Service downward 0.50

CIE flux code 17 41 70 50 100

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

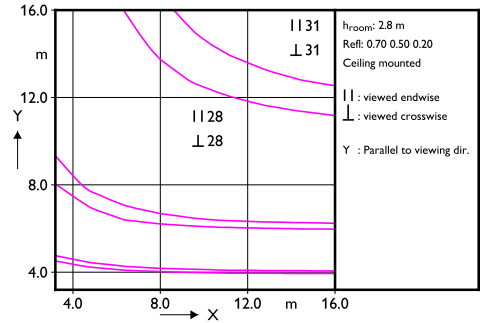


Utilisation factor table

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	0.10	0.50	0.30	0.10	0.10	0.30	0.10	0.10	0.00
0.60	0.33	0.31	0.30	0.29	0.29	0.21	0.18	0.13	0.14	0.10	0.05	
0.80	0.42	0.39	0.38	0.37	0.36	0.28	0.23	0.18	0.18	0.15	0.08	
1.00	0.49	0.45	0.44	0.43	0.42	0.34	0.28	0.23	0.22	0.18	0.10	
1.25	0.56	0.52	0.51	0.49	0.47	0.39	0.33	0.28	0.26	0.22	0.13	
1.50	0.62	0.56	0.56	0.54	0.52	0.44	0.37	0.32	0.30	0.26	0.15	
2.00	0.71	0.63	0.64	0.61	0.58	0.51	0.43	0.38	0.35	0.31	0.20	
2.50	0.77	0.68	0.70	0.66	0.63	0.56	0.47	0.43	0.39	0.35	0.23	
3.00	0.82	0.72	0.74	0.70	0.66	0.60	0.51	0.47	0.42	0.38	0.25	
4.00	0.89	0.77	0.80	0.75	0.71	0.66	0.56	0.52	0.46	0.43	0.29	
5.00	0.93	0.80	0.84	0.79	0.74	0.70	0.59	0.56	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	18389	16657	15852	15800	16413	17632	19650
50.0	19757	17747	16820	16749	17450	18842	21176
55.0	21278	18934	17863	17774	18566	20146	22828
60.0	22854	20144	18919	18813	19694	21497	24628
65.0	24605	21487	20087	19948	20906	22928	26519
70.0	26431	22867	21265	21061	22159	24450	28557
75.0	28536	24416	22586	22342	23544	26127	30877
80.0	30917	26116	24012	23714	25043	27955	33431
85.0	33675	28033	25595	25226	26709	30028	36429
90.0	36878	30214	27387	26942	28601	32403	39949

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

2024-05-10