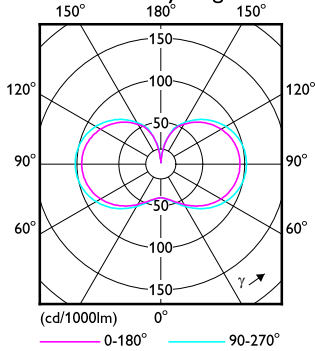


## 1 x LED HPL 13W 827 9290037311

1 x 1800 lm

Polar intensity diagram

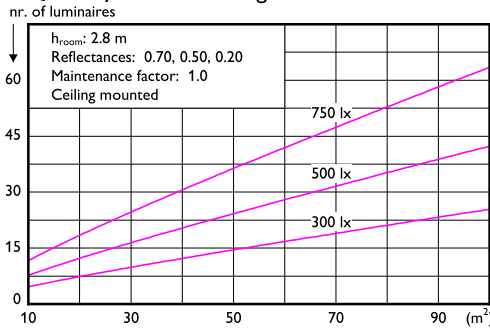


Light output ratio 1.00  
 Service upward 0.50  
 Service downward 0.50

CIE flux code 17 41 70 50 100

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

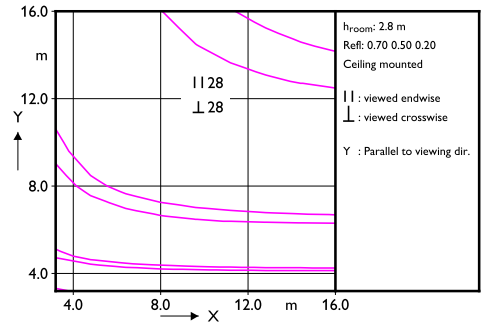


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00	
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	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	0.05	
0.80	0.42	0.39	0.38	0.37	0.36	0.28	0.23	0.18	0.18	0.15	0.08	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	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	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	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	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	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	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	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	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	16550	14991	14267	14220	14772	15869	17685
50.0	17781	15973	15138	15074	15705	16958	19059
55.0	19150	17041	16076	15997	16709	18131	20546
60.0	20569	18130	17027	16932	17724	19348	22166
65.0	22145	19338	18078	17954	18816	20636	23868
70.0	23788	20580	19138	18954	19943	22005	25702
75.0	25683	21974	20328	20108	21189	23514	27789
80.0	27825	23505	21611	21342	22539	25160	30087
85.0	30308	25229	23035	22704	24038	27025	32787
90.0	33190	27193	24649	24248	25741	29163	35955

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

2024-05-10