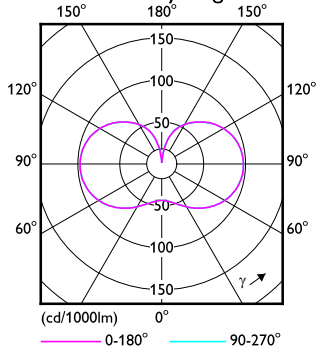


1 x LED HPL 18W 840 9290023500

1 x 3000 lm

Polar intensity diagram

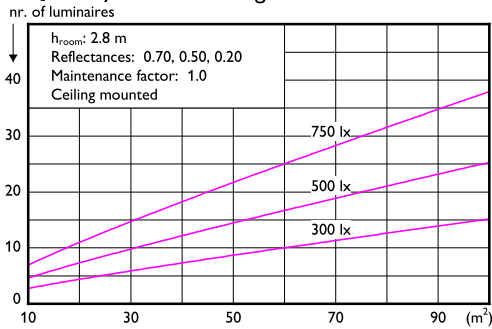


Light output ratio 1.00
 Service upward 0.49
 Service downward 0.51

CIE flux code 18 42 70 51 100

UGRcen (4Hx8H, 0.25H) 29

Quantity estimation diagram

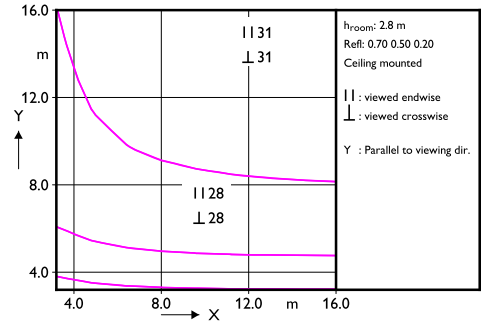


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80		0.70		0.50		0.30		0.10		0.00	
	0.80	0.50	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.10	0.00
0.60	0.33	0.32	0.30	0.30	0.29	0.22	0.18	0.14	0.14	0.11	0.06	
0.80	0.42	0.39	0.38	0.37	0.36	0.28	0.24	0.19	0.19	0.15	0.08	
1.00	0.49	0.46	0.45	0.43	0.42	0.34	0.28	0.23	0.23	0.19	0.11	
1.25	0.56	0.52	0.51	0.49	0.48	0.40	0.33	0.28	0.27	0.23	0.14	
1.50	0.62	0.57	0.57	0.54	0.52	0.44	0.37	0.32	0.30	0.26	0.16	
2.00	0.71	0.64	0.65	0.61	0.59	0.52	0.43	0.39	0.35	0.32	0.20	
2.50	0.78	0.68	0.70	0.67	0.63	0.57	0.48	0.43	0.39	0.36	0.23	
3.00	0.82	0.72	0.75	0.70	0.67	0.61	0.51	0.47	0.42	0.39	0.26	
4.00	0.89	0.77	0.81	0.76	0.71	0.66	0.56	0.52	0.46	0.43	0.30	
5.00	0.93	0.80	0.85	0.79	0.74	0.70	0.59	0.56	0.49	0.47	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	29162	26363	24858	24374	24881	26366	29091
50.0	31234	27996	26302	25800	26338	28032	31226
55.0	33521	29729	27778	27210	27832	29782	33505
60.0	35962	31606	29379	28706	29426	31635	35888
65.0	38609	33627	31112	30350	31123	33606	38493
70.0	41425	35707	32872	32029	32924	35746	41362
75.0	44567	38008	34790	33809	34846	38061	44539
80.0	48186	40561	36912	35845	36963	40613	48171
85.0	52295	43442	39263	38008	39311	43509	52344
90.0	57176	46764	41964	40534	41981	46796	57224

(cd/m²)

2024-05-10