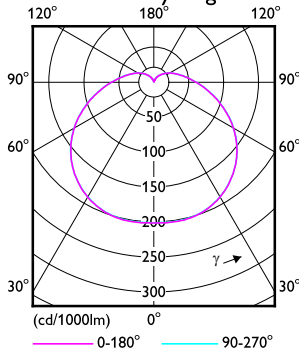


1 x TForce HB 60W 9290042714

1 x 5000 lm

Polar intensity diagram

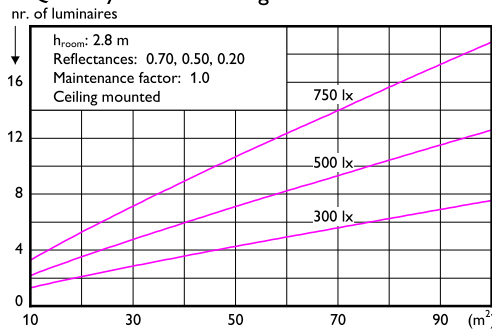


Light output ratio 1.00  
 Service upward 0.17  
 Service downward 0.83

CIE flux code 36 65 86 83 100

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

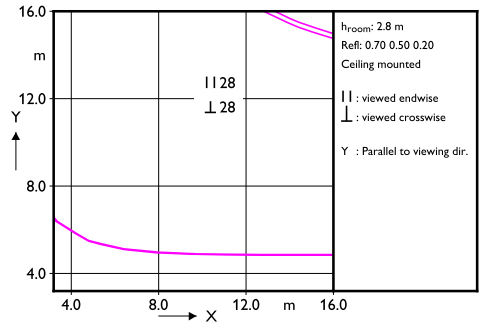


Utilisation factor table

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	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	
0.60	0.41	0.39	0.39	0.38	0.37	0.30	0.28	0.23	0.27	0.22	0.19		
0.80	0.50	0.47	0.48	0.47	0.46	0.38	0.36	0.30	0.34	0.29	0.25		
1.00	0.59	0.54	0.56	0.54	0.52	0.45	0.42	0.37	0.40	0.35	0.31		
1.25	0.67	0.61	0.64	0.61	0.59	0.51	0.48	0.43	0.45	0.41	0.36		
1.50	0.73	0.66	0.70	0.67	0.64	0.57	0.53	0.48	0.50	0.46	0.41		
2.00	0.83	0.74	0.79	0.75	0.71	0.65	0.61	0.56	0.57	0.53	0.48		
2.50	0.89	0.79	0.85	0.80	0.76	0.70	0.66	0.62	0.62	0.59	0.53		
3.00	0.94	0.82	0.89	0.84	0.80	0.74	0.70	0.66	0.66	0.62	0.56		
4.00	1.00	0.87	0.95	0.89	0.84	0.80	0.75	0.72	0.71	0.68	0.61		
5.00	1.05	0.90	0.99	0.93	0.87	0.83	0.78	0.75	0.74	0.71	0.64		

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	33782	29863	27836	27211	27867	29904	33806
50.0	31343	27469	25500	24911	25545	27529	31381
55.0	28944	25171	23274	22707	23319	25241	29019
60.0	26603	22941	21126	20591	21177	23020	26680
65.0	24303	20782	19059	18556	19111	20857	24367
70.0	22056	18711	17093	16622	17150	18796	22137
75.0	19965	16790	15274	14836	15320	16861	20039
80.0	18059	15052	13637	13233	13682	15124	18140
85.0	16377	13521	12194	11813	12232	13584	16454
90.0	14978	12228	10971	10614	11007	12285	15040

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

2025-09-24