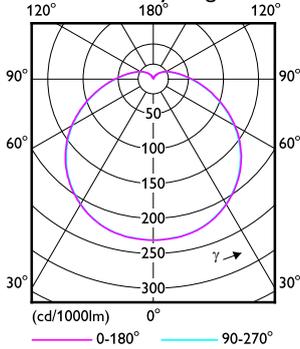


## 1 x TForce HB 40W 9290042712

1 x 3000 lm

Polar intensity diagram

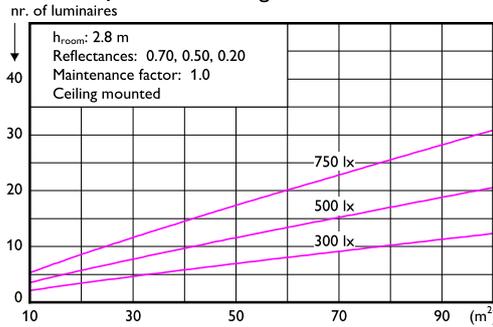


Light output ratio 1.00  
 Service upward 0.14  
 Service downward 0.86

CIE flux code 38 67 87 86 100

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

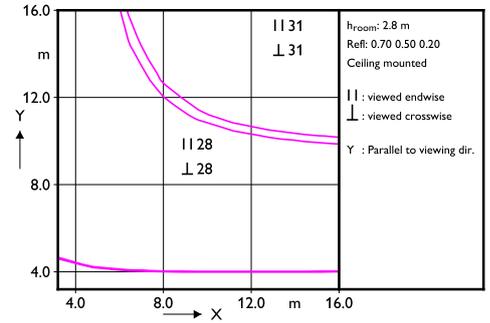


Utilisation factor table

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	0.42	0.40	0.40	0.40	0.39	0.31	0.30	0.25	0.28	0.24	0.21	0.00	
0.80	0.52	0.49	0.50	0.48	0.47	0.39	0.37	0.32	0.36	0.31	0.27	0.00	
1.00	0.60	0.56	0.58	0.56	0.54	0.46	0.44	0.39	0.42	0.37	0.33	0.00	
1.25	0.68	0.62	0.65	0.63	0.60	0.53	0.50	0.45	0.48	0.43	0.39	0.00	
1.50	0.74	0.67	0.71	0.68	0.65	0.58	0.55	0.50	0.52	0.48	0.43	0.00	
2.00	0.84	0.75	0.80	0.76	0.73	0.66	0.63	0.58	0.60	0.56	0.51	0.00	
2.50	0.91	0.80	0.86	0.82	0.78	0.72	0.68	0.64	0.65	0.61	0.56	0.00	
3.00	0.95	0.83	0.91	0.86	0.81	0.76	0.72	0.68	0.68	0.65	0.59	0.00	
4.00	1.02	0.88	0.97	0.91	0.86	0.81	0.77	0.74	0.73	0.70	0.64	0.00	
5.00	1.06	0.91	1.01	0.94	0.88	0.85	0.80	0.77	0.76	0.74	0.68	0.00	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	46611	41001	38087	37146	37973	40765	46226
50.0	42607	37177	34387	33481	34262	36920	42183
55.0	38729	33522	30878	30026	30742	33250	38297
60.0	34956	30013	27533	26740	27395	29734	34511
65.0	31264	26641	24346	23610	24213	26377	30849
70.0	27792	23490	21380	20708	21255	23242	27399
75.0	24583	20605	18674	18057	18557	20371	24210
80.0	21696	18024	16261	15694	16149	17804	21353
85.0	19174	15775	14165	13649	14061	15567	18840
90.0	17047	13881	12403	11930	12304	13686	16734

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

2025-09-24