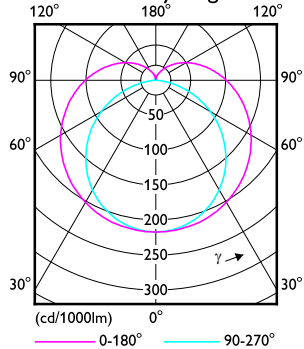


**1 x TLED 14.5W 4000K 9290023256**

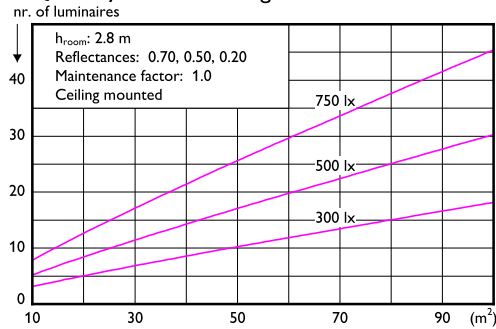
1 x 2100 lm

**Polar intensity diagram**

Light output ratio 0.99  
 Service upward 0.18  
 Service downward 0.81

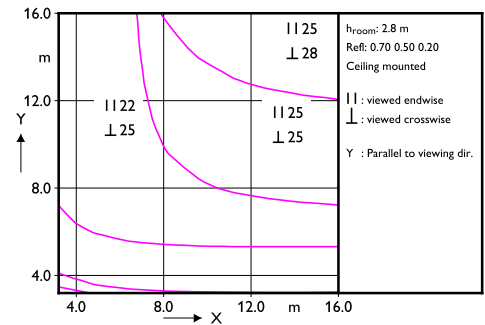
CIE flux code 37 65 86 82 99

UGRcen (4Hx8H, 0.25H) 25

**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		
	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30
0.60	0.41	0.39	0.39	0.38	0.38	0.30	0.28	0.24	0.27	0.23	0.19	
0.80	0.50	0.47	0.48	0.47	0.46	0.38	0.36	0.31	0.34	0.29	0.25	
1.00	0.58	0.54	0.56	0.54	0.52	0.44	0.42	0.37	0.39	0.35	0.30	
1.25	0.66	0.61	0.63	0.61	0.58	0.51	0.48	0.43	0.45	0.41	0.36	
1.50	0.72	0.66	0.69	0.66	0.63	0.56	0.53	0.48	0.50	0.45	0.40	
2.00	0.82	0.73	0.78	0.74	0.70	0.64	0.60	0.56	0.56	0.53	0.47	
2.50	0.88	0.78	0.84	0.79	0.75	0.70	0.65	0.61	0.61	0.58	0.52	
3.00	0.93	0.81	0.88	0.83	0.79	0.74	0.69	0.65	0.65	0.62	0.55	
4.00	0.99	0.86	0.94	0.88	0.83	0.79	0.74	0.71	0.69	0.67	0.60	
5.00	1.04	0.89	0.98	0.92	0.86	0.82	0.77	0.74	0.73	0.70	0.63	

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	8034	7953	8047	8326	8873	10024	12132
50.0	7719	7624	7687	7915	8391	9527	11799
55.0	7441	7319	7342	7510	7897	8986	11388
60.0	7181	7047	7041	7156	7420	8402	10860
65.0	6953	6795	6756	6822	6942	7762	10174
70.0	6750	6577	6504	6504	6457	7045	9260
75.0	6585	6396	6292	6236	6009	6285	8008
80.0	6444	6236	6105	6004	5603	5496	6210
85.0	6348	6121	5965	5820	5263	4759	3546
90.0	6286	6048	5879	5708	5072	4532	1714

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

2019-12-05