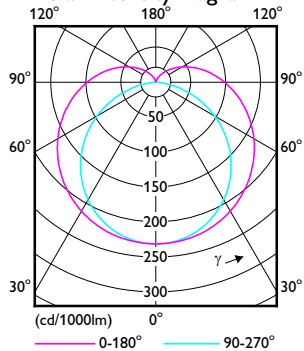


**1 x TLED 15W 3500K 160D 9290011586**

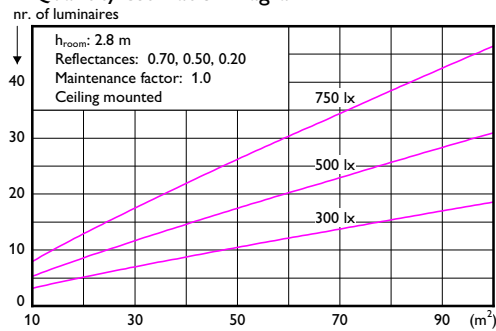
1 x 2000 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.15  
 Service downward 0.85

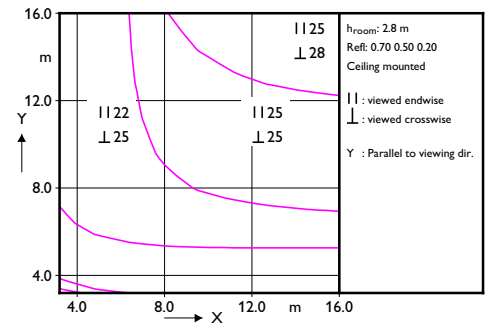
CIE flux code 38 66 87 85 100

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	0.42	0.40	0.30	0.41	0.40	0.39	0.31	0.30	0.25	0.28	0.24	0.21
0.80	0.52	0.49	0.50	0.50	0.48	0.47	0.39	0.37	0.32	0.35	0.31	0.27
1.00	0.60	0.55	0.57	0.56	0.54	0.46	0.44	0.44	0.38	0.41	0.37	0.33
1.25	0.68	0.62	0.65	0.62	0.60	0.53	0.50	0.45	0.47	0.43	0.38	0.38
1.50	0.74	0.67	0.71	0.68	0.65	0.58	0.55	0.50	0.52	0.47	0.43	0.43
2.00	0.84	0.75	0.80	0.76	0.72	0.66	0.62	0.58	0.59	0.55	0.50	0.50
2.50	0.90	0.80	0.86	0.81	0.77	0.71	0.68	0.63	0.64	0.60	0.55	0.55
3.00	0.95	0.83	0.91	0.85	0.81	0.76	0.72	0.68	0.68	0.64	0.59	0.59
4.00	1.02	0.88	0.97	0.91	0.85	0.81	0.77	0.73	0.73	0.70	0.64	0.64
5.00	1.06	0.91	1.01	0.94	0.88	0.84	0.80	0.77	0.76	0.73	0.67	0.67

Ceiling mounted

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

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	8003	7953	8069	8359	8940	10169	12434
50.0	7654	7583	7668	7913	8421	9642	12100
55.0	7334	7241	7288	7477	7893	9067	11675
60.0	7044	6930	6940	7066	7353	8428	11145
65.0	6777	6643	6614	6676	6805	7716	10436
70.0	6534	6381	6315	6311	6265	6935	9478
75.0	6318	6143	6041	5976	5725	6060	8156
80.0	6127	5937	5803	5675	5227	5146	6266
85.0	5964	5757	5600	5429	4805	4282	3451
90.0	5839	5618	5444	5240	4508	3868	893

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

2015-02-03