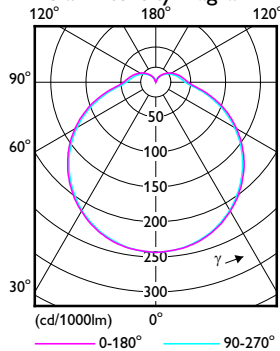
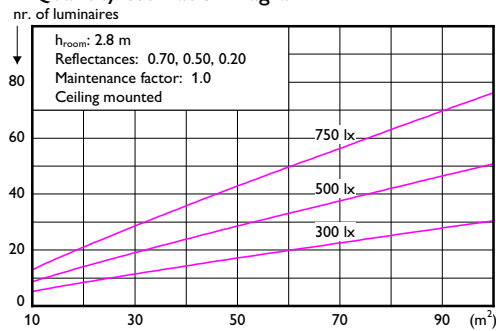


**1 x PLED10.5W 3500K120D 9290011813****1 x 1200 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.15  
 Service downward 0.85

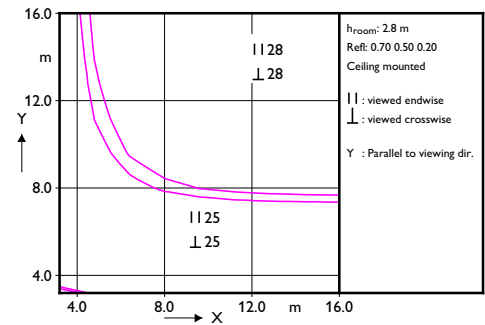
CIE flux code 40 69 89 85 100

UGRcen (4Hx8H, 0.25H) 26

**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	0.43	0.41	0.41	0.41	0.40	0.32	0.31	0.26	0.29	0.25	0.22	0.22
0.80	0.53	0.50	0.51	0.49	0.48	0.40	0.38	0.33	0.37	0.32	0.28	0.28
1.00	0.61	0.57	0.59	0.57	0.55	0.47	0.45	0.40	0.43	0.38	0.34	0.34
1.25	0.69	0.63	0.66	0.64	0.61	0.54	0.51	0.46	0.49	0.44	0.40	0.40
1.50	0.75	0.68	0.72	0.69	0.66	0.59	0.56	0.51	0.53	0.49	0.44	0.44
2.00	0.85	0.76	0.81	0.77	0.74	0.67	0.64	0.60	0.61	0.57	0.52	0.52
2.50	0.92	0.81	0.87	0.83	0.78	0.73	0.69	0.65	0.66	0.62	0.57	0.57
3.00	0.96	0.84	0.92	0.87	0.82	0.77	0.73	0.69	0.69	0.66	0.60	0.60
4.00	1.03	0.89	0.98	0.92	0.86	0.82	0.78	0.75	0.74	0.71	0.65	0.65
5.00	1.07	0.92	1.02	0.95	0.89	0.86	0.81	0.78	0.77	0.75	0.68	0.68

Ceiling mounted

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

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	30188	25695	23571	22888	23490	25521	29749
50.0	26758	22653	20719	20109	20653	22473	26309
55.0	23604	19862	18160	17589	18056	19690	23114
60.0	20680	17322	15762	15289	15691	17109	20147
65.0	17908	14860	13540	13124	13461	14674	17357
70.0	15276	12595	11477	11108	11418	12388	14623
75.0	12681	10425	9491	9225	9413	10219	12066
80.0	10300	8421	7693	7452	7605	8192	9626
85.0	8313	6746	6191	6024	6122	6547	7642
90.0	7297	5914	5413	5297	5363	5688	6623

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

2015-07-13