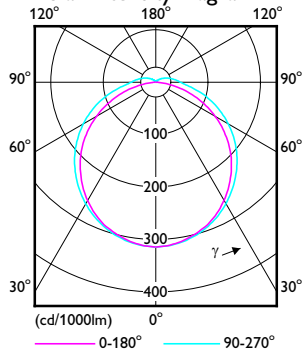


**1 x PLED8.5W 4000K 120D 9290011810**

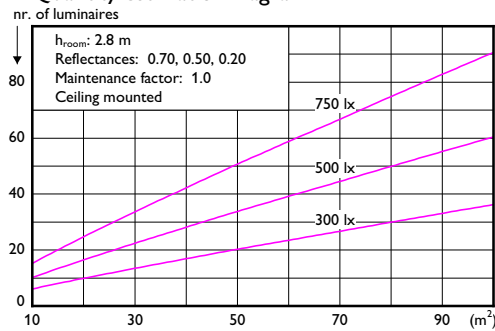
1 x 950 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.05  
 Service downward 0.95

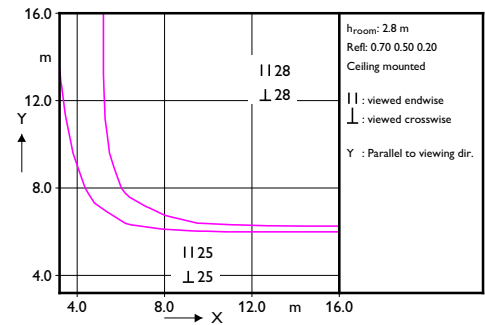
CIE flux code 44 75 92 95 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80 0.80				0.70 0.70				0.50 0.50			
	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
0.60	0.46	0.43	0.45	0.44	0.43	0.35	0.34	0.30	0.34	0.29	0.27	
0.80	0.56	0.53	0.55	0.53	0.52	0.44	0.43	0.38	0.42	0.37	0.35	
1.00	0.65	0.60	0.63	0.61	0.59	0.52	0.50	0.45	0.49	0.44	0.41	
1.25	0.73	0.67	0.71	0.69	0.66	0.59	0.57	0.52	0.56	0.51	0.48	
1.50	0.80	0.72	0.77	0.74	0.71	0.64	0.63	0.58	0.61	0.57	0.53	
2.00	0.90	0.80	0.87	0.82	0.79	0.73	0.71	0.66	0.69	0.65	0.62	
2.50	0.96	0.85	0.93	0.88	0.83	0.78	0.76	0.72	0.74	0.70	0.67	
3.00	1.01	0.88	0.97	0.92	0.87	0.82	0.80	0.76	0.77	0.74	0.71	
4.00	1.07	0.93	1.03	0.97	0.91	0.87	0.85	0.82	0.82	0.80	0.76	
5.00	1.11	0.95	1.07	1.00	0.93	0.90	0.88	0.85	0.85	0.83	0.79	

Ceiling mounted

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

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	32460	26891	23743	21972	21076	20980	21628
50.0	30626	24814	21633	19969	19212	19186	19857
55.0	28457	22506	19440	17930	17338	17427	18098
60.0	26024	20022	17217	15928	15525	15719	16320
65.0	23060	17207	14822	13865	13649	13952	14563
70.0	19531	14201	12404	11812	11816	12172	12754
75.0	15181	10867	9874	9718	9929	10353	10906
80.0	9588	7211	7208	7549	7975	8472	8991
85.0	3133	3716	4810	5621	6282	6832	7349
90.0	569	1715	3444	4557	5358	5991	6499

(cd/m²)

2015-07-13