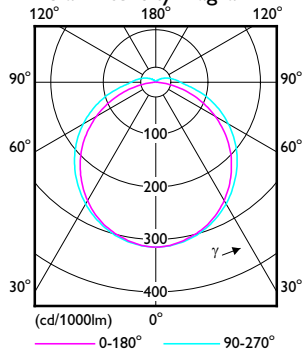


**1 x PLED8.5W 3000K 120D 9290011808**

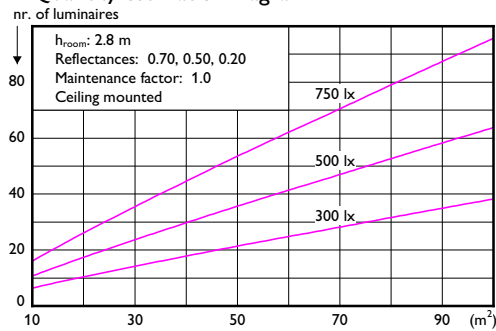
1 x 900 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.05  
 Service downward 0.95

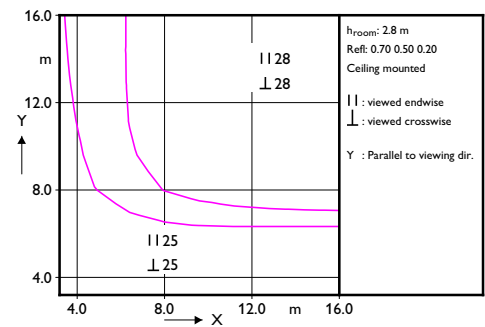
CIE flux code 44 75 92 95 100

UGRcen (4Hx8H, 0.25H) 26

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

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80				0.70				0.50			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
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	30783	25502	22516	20837	19988	19896	20511
50.0	29044	23533	20515	18937	18220	18195	18832
55.0	26987	21344	18436	17004	16443	16528	17164
60.0	24680	18989	16327	15105	14725	14907	15479
65.0	21871	16318	14056	13149	12944	13232	13810
70.0	18521	13469	11764	11202	11205	11543	12095
75.0	14397	10305	9363	9217	9417	9820	10343
80.0	9091	6839	6834	7159	7563	8035	8527
85.0	2968	3526	4561	5330	5956	6479	6969
90.0	538	1628	3266	4322	5081	5681	6163

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

2015-07-13