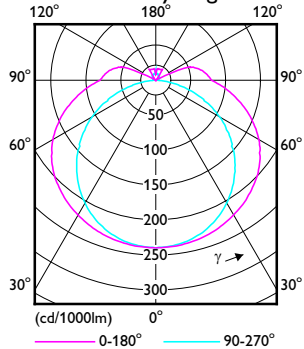
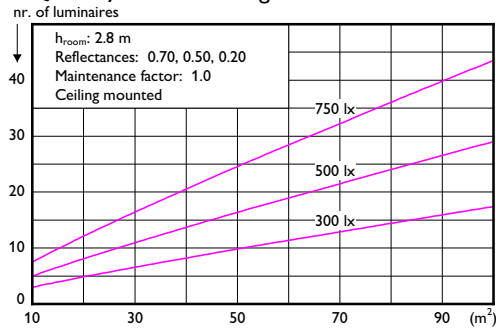


**1 x PLLED16.5W4000K160D 9290011515****1 x 2100 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

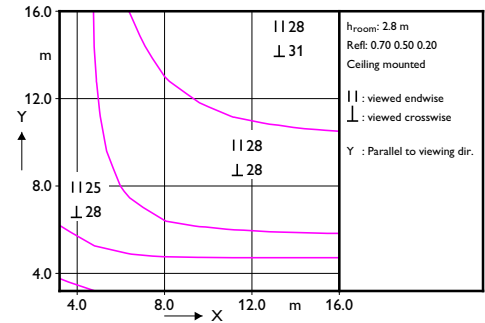
CIE flux code 38 67 88 89 100

UGRcen (4Hx8H, 0.25H) 28

**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	0.42	0.40	0.30	0.10	0.41	0.40	0.39	0.31	0.30	0.25	0.29	0.22
0.80	0.52	0.49	0.50	0.49	0.48	0.48	0.40	0.38	0.33	0.36	0.32	0.28
1.00	0.60	0.56	0.58	0.56	0.54	0.47	0.45	0.45	0.39	0.43	0.38	0.34
1.25	0.68	0.63	0.66	0.63	0.61	0.53	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	0.54	0.49	0.45	0.45
2.00	0.85	0.76	0.81	0.77	0.74	0.67	0.64	0.59	0.61	0.57	0.53	0.53
2.50	0.91	0.81	0.88	0.83	0.79	0.73	0.70	0.65	0.67	0.63	0.58	0.58
3.00	0.96	0.84	0.92	0.87	0.82	0.77	0.74	0.70	0.70	0.67	0.62	0.62
4.00	1.03	0.89	0.98	0.92	0.87	0.82	0.79	0.75	0.75	0.72	0.67	0.67
5.00	1.07	0.92	1.02	0.95	0.90	0.86	0.82	0.79	0.78	0.76	0.71	0.71

Ceiling mounted

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

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	18972	18502	18428	18743	19242	20130	21422
50.0	18749	18187	18060	18360	18778	19623	20930
55.0	18443	17835	17704	18046	18290	18979	20158
60.0	18270	17557	17366	17693	17818	18417	19561
65.0	17942	17175	16978	17354	17269	17658	18600
70.0	17540	16472	16001	16104	15936	16257	17196
75.0	17189	16265	16022	16481	15777	15407	15287
80.0	16837	15758	15423	15860	14757	13779	12400
85.0	16551	15119	14489	14651	13272	11717	8159
90.0	16480	14454	13280	12829	11697	10431	3363

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

SL17563

2015-03-03