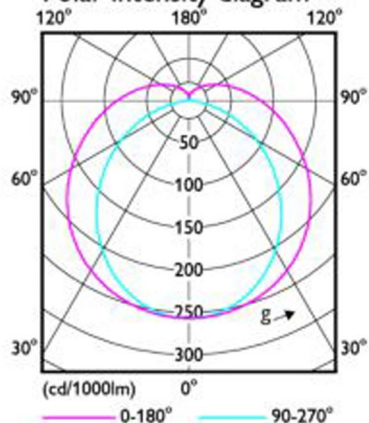


#### Polar intensity diagram

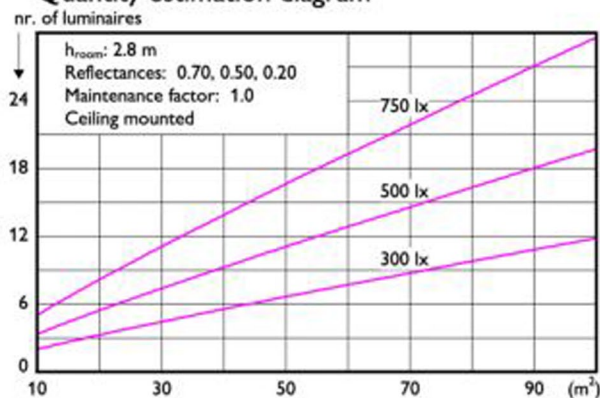


Light output ratio 1.00  
 Service upward 0.15  
 Service downward 0.85

CIE flux code 40 69 88 85 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 25

#### Quantity estimation diagram

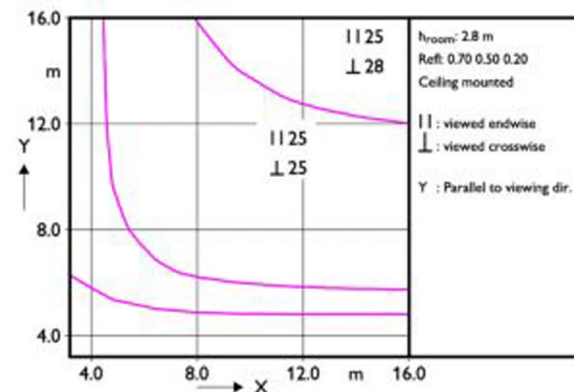


#### Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)										
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00
0.80	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.30	0.10	0.10	0.00
1.00	0.61	0.57	0.59	0.57	0.55	0.47	0.45	0.40	0.43	0.38	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
1.50	0.75	0.68	0.72	0.69	0.66	0.59	0.56	0.51	0.53	0.49	0.44
2.00	0.85	0.76	0.81	0.77	0.73	0.67	0.64	0.59	0.60	0.57	0.51
2.50	0.91	0.81	0.87	0.82	0.78	0.73	0.69	0.65	0.65	0.62	0.56
3.00	0.96	0.84	0.92	0.86	0.82	0.77	0.73	0.69	0.69	0.66	0.60
4.00	1.02	0.89	0.97	0.91	0.86	0.82	0.77	0.74	0.73	0.71	0.65
5.00	1.06	0.91	1.01	0.95	0.89	0.85	0.81	0.78	0.76	0.74	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	10428	10138	10186	10595	11457	12935	15374
50.0	9814	9480	9488	9860	10663	12122	14693
55.0	9226	8854	8824	9159	9871	11261	13909
60.0	8654	8253	8193	8498	9090	10363	13026
65.0	8114	7687	7599	7875	8315	9411	11999
70.0	7624	7176	7066	7319	7578	8432	10813
75.0	7199	6738	6617	6864	6905	7426	9340
80.0	6832	6355	6222	6466	6266	6356	7290
85.0	6508	6015	5872	6119	5713	5366	4345
90.0	6236	5732	5590	5861	5478	5180	2168

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