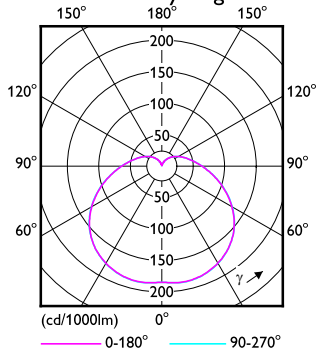
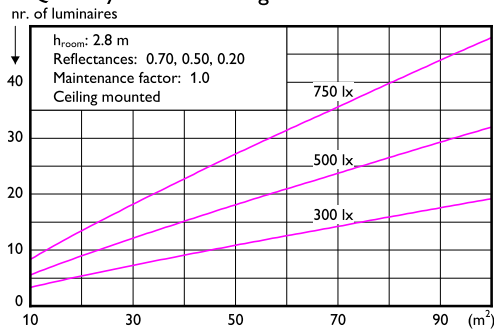


1 x ESS HPI MV 929003631808**1 x 2000 lm****Polar intensity diagram**

Light output ratio 1.00
Service upward 0.20
Service downward 0.80

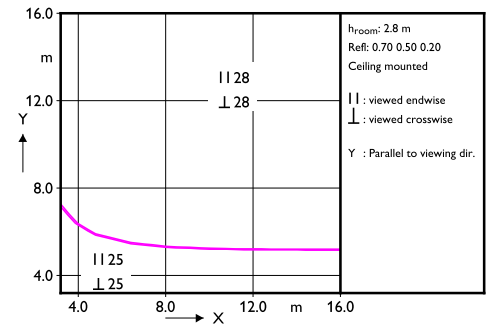
CIE flux code 35 63 85 80 100

UGRcen (4Hx8H, 0.25H) 27

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	0.40	0.38	0.38	0.38	0.37	0.29	0.27	0.23	0.26	0.21	0.18	
0.80	0.50	0.47	0.48	0.46	0.45	0.37	0.35	0.29	0.32	0.28	0.24	
1.00	0.58	0.54	0.55	0.53	0.51	0.43	0.41	0.35	0.38	0.33	0.29	
1.25	0.66	0.60	0.62	0.60	0.58	0.50	0.47	0.42	0.44	0.39	0.34	
1.50	0.72	0.65	0.68	0.65	0.63	0.55	0.52	0.46	0.48	0.44	0.38	
2.00	0.81	0.73	0.77	0.73	0.70	0.63	0.59	0.54	0.55	0.51	0.45	
2.50	0.88	0.78	0.83	0.79	0.75	0.69	0.64	0.60	0.60	0.56	0.50	
3.00	0.93	0.81	0.88	0.83	0.78	0.73	0.68	0.64	0.64	0.60	0.53	
4.00	0.99	0.86	0.94	0.88	0.83	0.78	0.73	0.70	0.68	0.65	0.58	
5.00	1.04	0.89	0.98	0.91	0.86	0.82	0.77	0.74	0.71	0.69	0.61	

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	33377	29200	27076	26431	27090	29223	33404
50.0	30886	26810	24766	24158	24794	26853	30932
55.0	28429	24502	22559	21989	22604	24580	28527
60.0	26052	22286	20449	19922	20509	22389	26184
65.0	23764	20186	18459	17966	18528	20304	23917
70.0	21606	18217	16598	16137	16662	18328	21751
75.0	19609	16408	14895	14464	14955	16510	19737
80.0	17812	14785	13370	12968	13420	14869	17914
85.0	16243	13369	12041	11663	12084	13439	16321
90.0	14916	12174	10920	10562	10956	12232	14981

(cd/m²)

LTC

2023-01-09