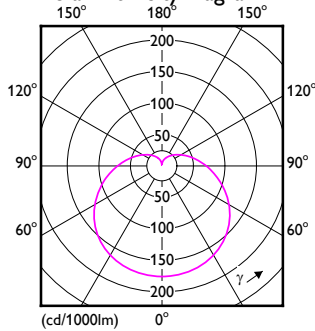
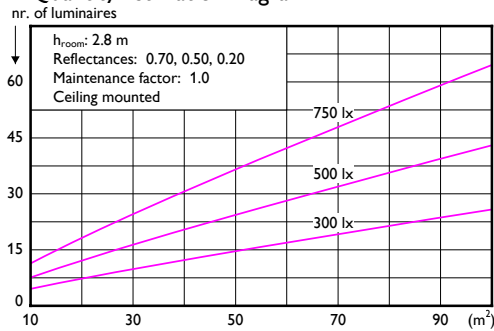


**1 x 9290023069 13W 4000K****1 x 1521 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.23  
 Service downward 0.77

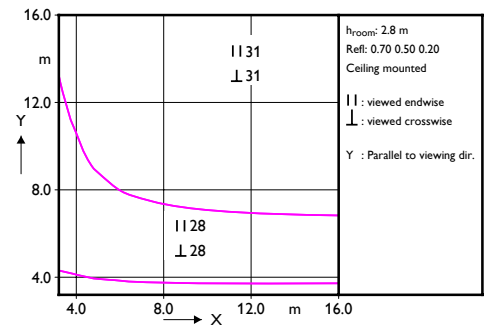
CIE flux code 33 61 83 77 100

UGRcen (4Hx8H, 0.25H) 30

**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	0.00
0.60	0.80	0.50	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
0.80	0.39	0.37	0.37	0.36	0.35	0.28	0.26	0.21	0.24	0.20	0.16	0.16
1.00	0.48	0.46	0.46	0.45	0.44	0.36	0.33	0.28	0.30	0.26	0.22	0.22
1.25	0.56	0.52	0.54	0.52	0.50	0.42	0.39	0.34	0.36	0.31	0.26	0.26
1.50	0.64	0.59	0.61	0.59	0.56	0.49	0.45	0.40	0.41	0.37	0.31	0.31
2.00	0.70	0.64	0.67	0.64	0.61	0.54	0.50	0.44	0.46	0.41	0.35	0.35
2.50	0.80	0.71	0.75	0.72	0.68	0.62	0.57	0.52	0.53	0.49	0.42	0.42
3.00	0.86	0.76	0.82	0.77	0.73	0.67	0.62	0.58	0.57	0.54	0.46	0.46
4.00	0.91	0.80	0.86	0.81	0.77	0.71	0.66	0.62	0.61	0.57	0.50	0.50
5.00	0.98	0.85	0.92	0.86	0.81	0.77	0.71	0.67	0.65	0.63	0.55	0.55
5.00	1.02	0.88	0.96	0.90	0.84	0.80	0.74	0.71	0.69	0.66	0.58	0.58

Ceiling mounted

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

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	47785	43356	40968	40213	40968	43356	47785
50.0	45937	41311	38851	38078	38851	41311	45937
55.0	44199	39388	36866	36078	36866	39388	44199
60.0	42451	37476	34904	34106	34904	37476	42451
65.0	40813	35672	33055	32248	33055	35672	40813
70.0	39193	33892	31236	30423	31236	33892	39193
75.0	37864	32361	29652	28828	29652	32361	37864
80.0	36791	31034	28255	27418	28255	31034	36791
85.0	35913	29843	26977	26121	26977	29843	35913
90.0	35544	29022	26020	25133	26020	29022	35544

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

2021-09-02