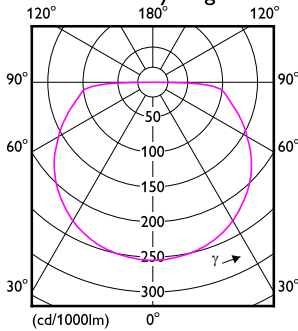


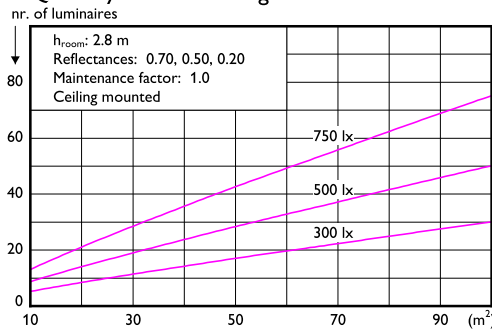
LS161 COB LED12 13W 940 5M 24V 1 X 9290041214 4000K

1 x 1200 lm

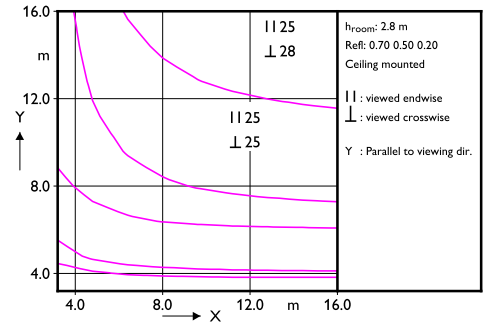
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00
 Service upward 0.00
 Service downward 1.00

CIE flux code 36 64 86 100 100

UGRcen (4Hx8H, 0.25H) 25

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)												
	0.80			0.70			0.50			0.30			0.00
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.00	
0.30	0.10	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	
0.60	0.42	0.40	0.41	0.40	0.39	0.31	0.31	0.26	0.30	0.25	0.23		
0.80	0.52	0.49	0.51	0.49	0.48	0.39	0.39	0.33	0.38	0.33	0.30		
1.00	0.60	0.56	0.59	0.57	0.55	0.46	0.45	0.40	0.45	0.39	0.37		
1.25	0.68	0.62	0.66	0.64	0.61	0.53	0.52	0.46	0.51	0.46	0.43		
1.50	0.75	0.68	0.73	0.69	0.67	0.59	0.57	0.52	0.56	0.51	0.49		
2.00	0.85	0.76	0.82	0.78	0.74	0.67	0.66	0.61	0.64	0.60	0.57		
2.50	0.92	0.81	0.89	0.84	0.80	0.73	0.72	0.67	0.70	0.66	0.63		
3.00	0.97	0.85	0.94	0.88	0.83	0.78	0.76	0.72	0.74	0.71	0.68		
4.00	1.03	0.90	1.00	0.94	0.88	0.83	0.82	0.78	0.80	0.77	0.74		
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.85	0.82	0.83	0.81	0.78		

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	4170	3917	3707	3544	3429	3360	3337
50.0	4290	3983	3734	3544	3411	3332	3306
55.0	4441	4065	3768	3546	3393	3303	3273
60.0	4659	4189	3830	3567	3389	3286	3252
65.0	5048	4434	3982	3661	3449	3327	3288
70.0	5647	4795	4204	3802	3542	3396	3349
75.0	6726	5419	4588	4054	3722	3540	3482
80.0	9152	6697	5359	4574	4112	3866	3790
85.0	16022	9220	6606	5314	4620	4270	4163
90.0	1004788	3097	1605	1136	928	832	804

(cd/m²)