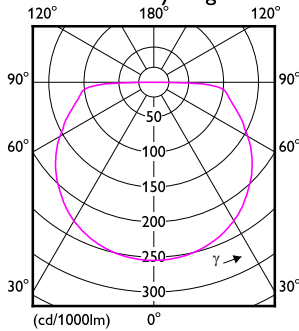


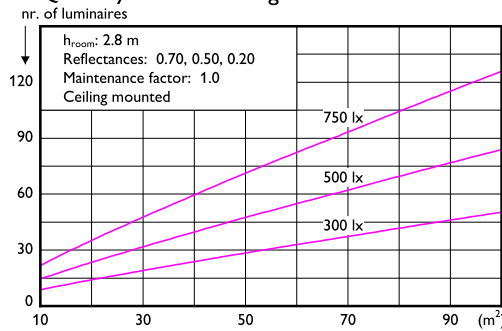
## LS161 COB LED8 8.5W 930 1M 24V 1X9290041211 3000K

1 x 720 lm

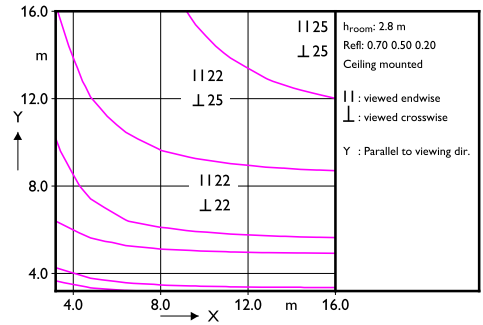
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 36 64 85 100 100

UGRcen (4Hx8H, 0.25H) 23

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80		0.70		0.50		0.30		0.10		0.00	
	0.80	0.70	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.60	0.42	0.40	0.41	0.40	0.39	0.31	0.31	0.25	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	0.58	0.57	0.55	0.46	0.45	0.39	0.44	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	0.74	0.68	0.72	0.69	0.66	0.59	0.57	0.52	0.56	0.51	0.48	
2.00	0.84	0.75	0.82	0.78	0.74	0.67	0.66	0.60	0.64	0.60	0.57	
2.50	0.91	0.80	0.88	0.84	0.79	0.73	0.71	0.66	0.70	0.66	0.63	
3.00	0.96	0.84	0.93	0.88	0.83	0.77	0.75	0.71	0.74	0.70	0.67	
4.00	1.03	0.89	0.99	0.93	0.88	0.83	0.81	0.77	0.79	0.76	0.73	
5.00	1.07	0.92	1.04	0.97	0.91	0.87	0.85	0.81	0.83	0.80	0.77	

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	2492	2340	2215	2118	2049	2007	1994
50.0	2565	2381	2233	2119	2039	1992	1977
55.0	2661	2436	2258	2125	2033	1979	1962
60.0	2786	2506	2291	2134	2027	1965	1945
65.0	3007	2640	2371	2181	2054	1982	1958
70.0	3364	2856	2504	2265	2110	2023	1995
75.0	4026	3243	2746	2426	2228	2119	2084
80.0	5536	4051	3241	2767	2487	2339	2292
85.0	9894	5693	4080	3281	2853	2637	2571
90.0	589012	1815	941	666	544	488	471

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

2023-09-01