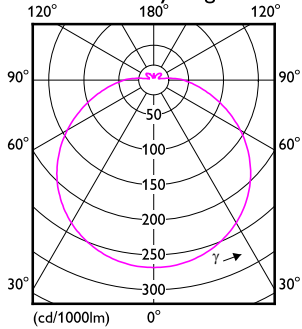


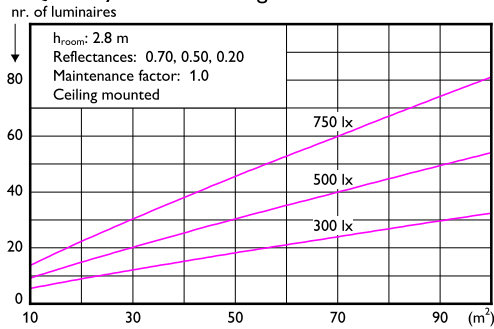
## ceiling(L2) 1 x 9150057783 4000K

1 x 1100 lm

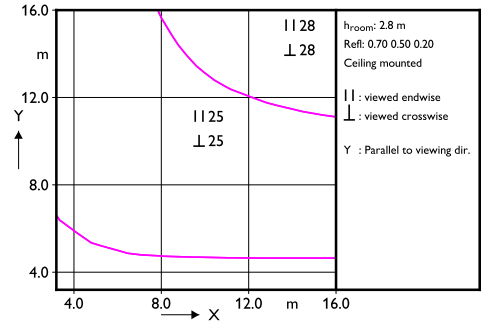
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.08  
 Service downward 0.92

CIE flux code 41 70 89 92 100

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	0.30	0.70	0.70	0.30	0.50	0.50	0.30	0.30	0.10	0.00	
0.60	0.44	0.42	0.30	0.43	0.42	0.33	0.32	0.28	0.31	0.27	0.24		
0.80	0.54	0.51	0.30	0.53	0.51	0.42	0.40	0.35	0.39	0.34	0.31		
1.00	0.62	0.58	0.30	0.61	0.58	0.49	0.47	0.42	0.46	0.41	0.38		
1.25	0.71	0.65	0.30	0.68	0.66	0.56	0.54	0.49	0.52	0.47	0.44		
1.50	0.77	0.70	0.30	0.74	0.71	0.61	0.59	0.54	0.57	0.52	0.49		
2.00	0.87	0.77	0.30	0.83	0.79	0.69	0.67	0.62	0.64	0.60	0.56		
2.50	0.93	0.82	0.30	0.90	0.85	0.75	0.72	0.68	0.70	0.66	0.62		
3.00	0.98	0.86	0.30	0.94	0.89	0.79	0.76	0.72	0.73	0.70	0.66		
4.00	1.04	0.90	0.30	1.00	0.94	0.84	0.81	0.78	0.78	0.75	0.71		
5.00	1.08	0.93	0.30	1.04	0.97	0.87	0.84	0.81	0.81	0.79	0.74		

Ceiling mounted

Luminance Table

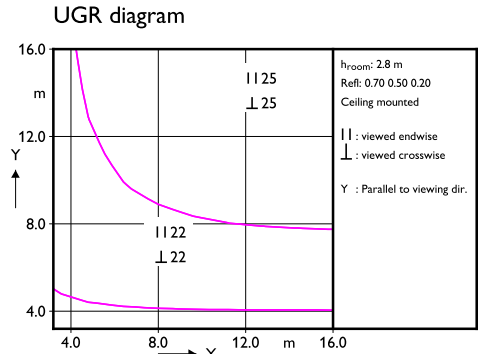
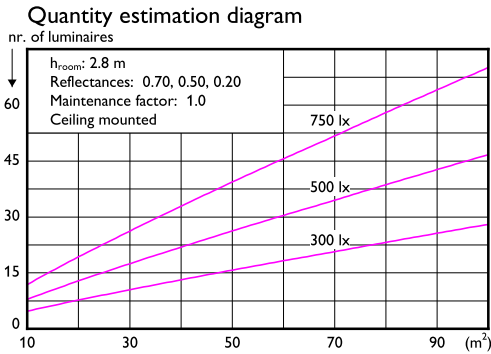
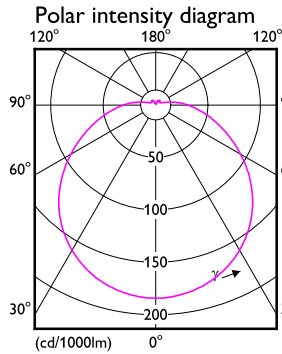
Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	8686	8686	8686	8686	8686	8686	8686
50.0	8582	8582	8582	8582	8582	8582	8582
55.0	8461	8461	8461	8461	8461	8461	8461
60.0	8331	8331	8331	8331	8331	8331	8331
65.0	8196	8196	8196	8196	8196	8196	8196
70.0	8104	8104	8104	8104	8104	8104	8104
75.0	8127	8127	8127	8127	8127	8127	8127
80.0	8445	8445	8445	8445	8445	8445	8445
85.0	9524	9524	9524	9524	9524	9524	9524
90.0	13002	13002	13002	13002	13002	13002	13002

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

2020-12-24

**Ceiling(L2) 1 x 9150057789 4000K**

1 x 1900 lm



Light output ratio 0.67  
 Service upward 0.05  
 Service downward 0.62

CIE flux code 41 70 89 92 67

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		0.00		
	0.80	0.50	0.70	0.50	0.50	0.30	0.30	0.10	0.10	0.00	
0.60	0.29	0.28	0.29	0.28	0.27	0.22	0.22	0.18	0.21	0.18	0.16
0.80	0.36	0.34	0.35	0.34	0.33	0.28	0.27	0.24	0.26	0.23	0.21
1.00	0.42	0.39	0.41	0.39	0.38	0.33	0.32	0.28	0.31	0.27	0.25
1.25	0.47	0.43	0.46	0.44	0.42	0.37	0.36	0.33	0.35	0.32	0.29
1.50	0.52	0.47	0.50	0.48	0.46	0.41	0.39	0.36	0.38	0.35	0.33
2.00	0.58	0.52	0.56	0.53	0.51	0.46	0.45	0.42	0.43	0.41	0.38
2.50	0.62	0.55	0.60	0.57	0.54	0.50	0.48	0.46	0.47	0.44	0.41
3.00	0.66	0.57	0.63	0.59	0.56	0.53	0.51	0.48	0.49	0.47	0.44
4.00	0.70	0.60	0.67	0.63	0.59	0.56	0.54	0.52	0.52	0.50	0.47
5.00	0.73	0.62	0.70	0.65	0.61	0.59	0.56	0.55	0.54	0.53	0.50

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	4612	4612	4612	4612	4612	4612	4612
50.0	4549	4549	4549	4549	4549	4549	4549
55.0	4483	4483	4483	4483	4483	4483	4483
60.0	4423	4423	4423	4423	4423	4423	4423
65.0	4403	4403	4403	4403	4403	4403	4403
70.0	4468	4468	4468	4468	4468	4468	4468
75.0	4670	4670	4670	4670	4670	4670	4670
80.0	5144	5144	5144	5144	5144	5144	5144
85.0	6372	6372	6372	6372	6372	6372	6372
90.0	10846	10846	10846	10846	10846	10846	10846

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