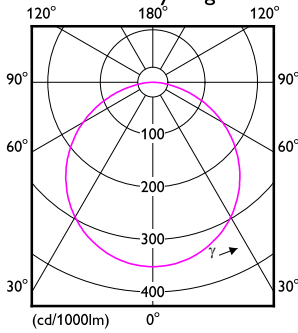


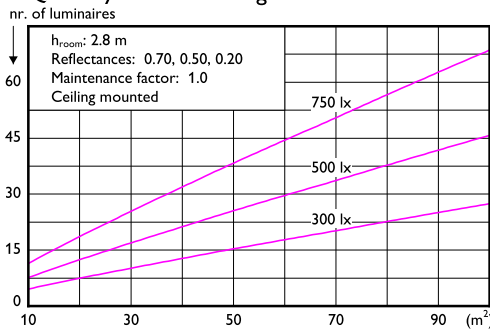
**Downlight 4000K 12 1 x 9290032512**

1 x 1200 lm

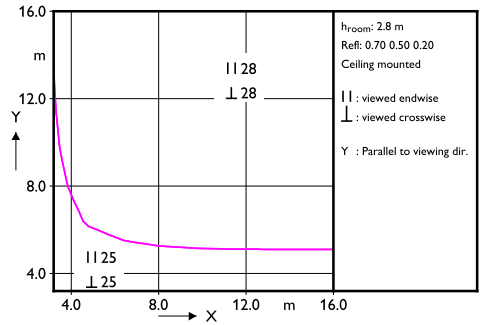
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00

CIE flux code 47 79 96 100 100

UGRcen (4Hx8H, 0.25H) 27

**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	0.80	0.70	0.70	0.70	0.50	0.50	0.50	0.30	0.30	0.30	0.00
0.30	0.10	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	0.48	0.46	0.47	0.46	0.45	0.38	0.37	0.32	0.37	0.32	0.37	0.32	0.30
0.80	0.59	0.55	0.58	0.56	0.55	0.47	0.46	0.41	0.46	0.41	0.46	0.41	0.39
1.00	0.68	0.63	0.66	0.64	0.62	0.55	0.54	0.49	0.53	0.49	0.53	0.49	0.46
1.25	0.77	0.70	0.75	0.72	0.69	0.62	0.61	0.56	0.60	0.56	0.60	0.56	0.54
1.50	0.83	0.75	0.81	0.78	0.74	0.68	0.67	0.62	0.66	0.62	0.66	0.62	0.59
2.00	0.93	0.83	0.91	0.86	0.82	0.77	0.75	0.71	0.74	0.71	0.74	0.71	0.68
2.50	1.00	0.88	0.97	0.92	0.87	0.82	0.81	0.77	0.80	0.76	0.80	0.76	0.74
3.00	1.05	0.92	1.02	0.96	0.90	0.86	0.85	0.82	0.83	0.81	0.83	0.81	0.78
4.00	1.11	0.96	1.07	1.01	0.95	0.91	0.90	0.87	0.88	0.86	0.88	0.86	0.83
5.00	1.14	0.98	1.11	1.04	0.97	0.94	0.93	0.90	0.91	0.89	0.91	0.89	0.86

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	18712	18683	18665	18659	18665	18683	18712
50.0	18363	18329	18308	18301	18308	18329	18363
55.0	17914	17874	17850	17841	17850	17874	17914
60.0	17349	17303	17274	17264	17274	17303	17349
65.0	16578	16523	16490	16478	16490	16523	16578
70.0	15549	15484	15444	15430	15444	15484	15549
75.0	14129	14050	14001	13984	14001	14050	14129
80.0	12239	12137	12073	12051	12073	12137	12239
85.0	9469	9316	9223	9191	9223	9316	9469
90.0	10745	8773	7866	7598	7866	8773	10745

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