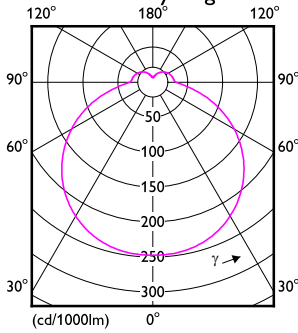


## Ceiling 1 x 9290026131 4000K 1 x 4200 lm

Polar intensity diagram

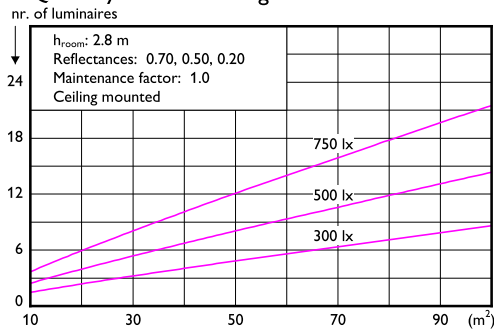


Light output ratio 1.00  
Service upward 0.15  
Service downward 0.85

CIE flux code 41 71 91 85 100

UGRcen (4Hx8H, 0.25H) 21

Quantity estimation diagram

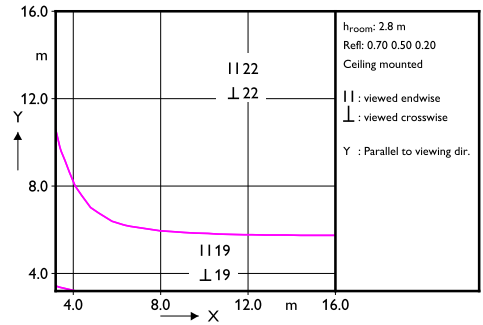


Utilisation factor table

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	0.10	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	0.10	0.00
0.60	0.43	0.41	0.42	0.41	0.40	0.33	0.31	0.26	0.30	0.26	0.23	0.23	0.23
0.80	0.53	0.50	0.52	0.50	0.49	0.41	0.39	0.34	0.37	0.33	0.29	0.29	0.29
1.00	0.62	0.57	0.59	0.57	0.56	0.48	0.46	0.41	0.43	0.39	0.35	0.35	0.35
1.25	0.70	0.64	0.67	0.65	0.62	0.55	0.52	0.47	0.50	0.45	0.41	0.41	0.41
1.50	0.76	0.69	0.73	0.70	0.67	0.60	0.57	0.53	0.54	0.50	0.46	0.46	0.46
2.00	0.86	0.77	0.82	0.78	0.75	0.69	0.65	0.61	0.62	0.58	0.53	0.53	0.53
2.50	0.93	0.82	0.89	0.84	0.79	0.74	0.70	0.67	0.67	0.64	0.58	0.58	0.58
3.00	0.97	0.85	0.93	0.88	0.83	0.78	0.74	0.71	0.70	0.67	0.62	0.62	0.62
4.00	1.04	0.90	0.99	0.93	0.87	0.83	0.79	0.76	0.75	0.73	0.67	0.67	0.67
5.00	1.08	0.93	1.03	0.96	0.90	0.87	0.82	0.80	0.78	0.76	0.70	0.70	0.70

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	3660	3557	3496	3475	3496	3557	3660
50.0	3603	3486	3417	3394	3417	3486	3603
55.0	3537	3405	3326	3300	3326	3405	3537
60.0	3457	3306	3218	3189	3218	3306	3457
65.0	3357	3185	3086	3053	3086	3185	3357
70.0	3232	3036	2924	2888	2924	3036	3232
75.0	3091	2863	2736	2695	2736	2863	3091
80.0	2969	2693	2545	2498	2545	2693	2969
85.0	2993	2623	2434	2376	2434	2623	2993
90.0	3649	2980	2671	2580	2671	2980	3649

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