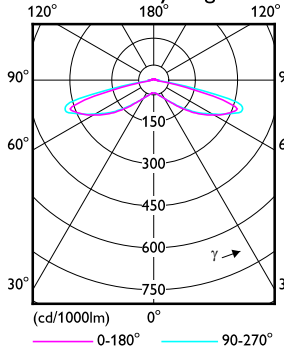


## 1 x Module 20W 3000K 9290036207

1 x 2200 lm

Polar intensity diagram

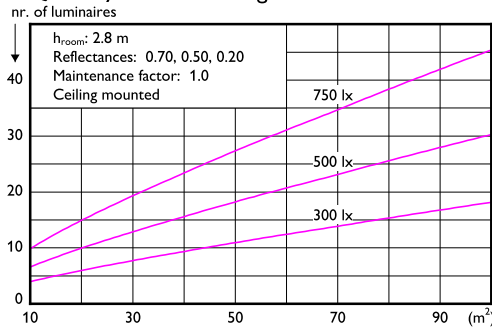


Light output ratio 0.99  
 Service upward 0.04  
 Service downward 0.95

CIE flux code 13 43 91 96 99

UGRcen (4Hx8H, 0.25H) 33

Quantity estimation diagram

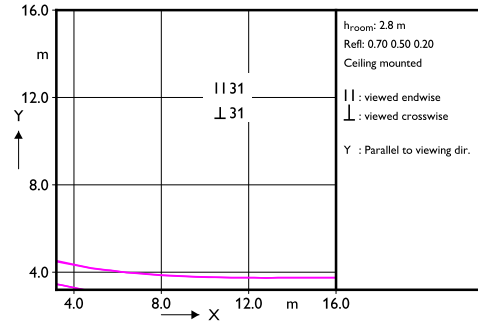


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)															
	0.80 0.80				0.70 0.70 0.70 0.70				0.50 0.50				0.30 0.30		0.00	
	0.80	0.50	0.30	0.10	0.50	0.30	0.10	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.30	0.28	0.29	0.28	0.27	0.18	0.18	0.12	0.17	0.11	0.09					
0.80	0.38	0.36	0.37	0.36	0.35	0.25	0.24	0.17	0.23	0.17	0.14					
1.00	0.46	0.43	0.44	0.43	0.41	0.31	0.30	0.23	0.29	0.22	0.19					
1.25	0.55	0.50	0.53	0.51	0.49	0.39	0.37	0.30	0.36	0.29	0.26					
1.50	0.62	0.57	0.60	0.57	0.55	0.46	0.44	0.37	0.42	0.36	0.32					
2.00	0.75	0.67	0.72	0.68	0.65	0.57	0.54	0.48	0.53	0.47	0.43					
2.50	0.84	0.74	0.81	0.76	0.72	0.65	0.63	0.57	0.61	0.56	0.52					
3.00	0.91	0.79	0.87	0.82	0.78	0.71	0.69	0.64	0.67	0.62	0.58					
4.00	1.00	0.87	0.96	0.90	0.85	0.80	0.77	0.73	0.75	0.72	0.68					
5.00	1.06	0.91	1.02	0.95	0.89	0.85	0.83	0.80	0.80	0.78	0.74					

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	11246	11092	10971	10875	10815	10791	10796
50.0	15295	14952	14665	14502	14394	14517	14691
55.0	20535	19968	19492	19366	19330	19496	19743
60.0	27234	26424	25758	25996	26378	26378	26506
65.0	36145	35662	35402	35164	35163	35762	36588
70.0	48292	47666	47411	47372	47731	49290	51267
75.0	43231	48336	54096	52645	51767	56215	61413
80.0	7505	8342	9244	9132	9160	14576	20546
85.0	6521	6331	6300	5442	4718	5119	5689
90.0	16600	15001	14733	13202	12588	17705	26323

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

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2023-02-10