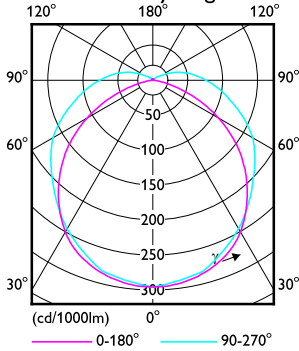


1 x 20WP/LED/830 929002397900

1 x 2800 lm

Polar intensity diagram

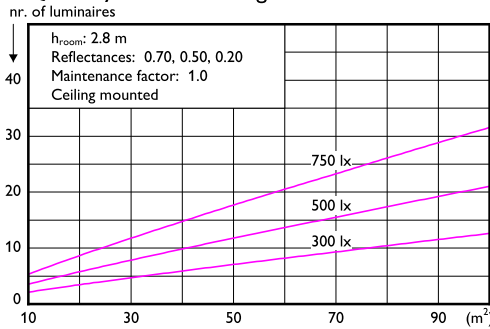


Light output ratio 1.00  
 Service upward 0.08  
 Service downward 0.92

CIE flux code 42 72 90 92 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

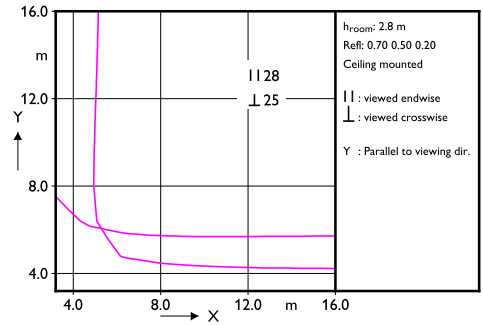


Utilisation factor table

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	0.50	0.50	0.30	0.30	0.30	0.10	0.00	
0.30	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	0.44	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.32	0.27	0.25	0.00	
0.80	0.55	0.51	0.53	0.52	0.50	0.42	0.41	0.36	0.40	0.35	0.32	0.00	
1.00	0.63	0.59	0.61	0.59	0.57	0.50	0.48	0.43	0.46	0.42	0.39	0.00	
1.25	0.71	0.65	0.69	0.66	0.64	0.57	0.55	0.50	0.53	0.48	0.45	0.00	
1.50	0.78	0.71	0.75	0.72	0.69	0.62	0.60	0.55	0.58	0.53	0.50	0.00	
2.00	0.87	0.78	0.84	0.80	0.76	0.70	0.68	0.63	0.65	0.62	0.58	0.00	
2.50	0.94	0.83	0.90	0.86	0.81	0.76	0.73	0.69	0.70	0.67	0.63	0.00	
3.00	0.99	0.86	0.95	0.89	0.85	0.80	0.77	0.73	0.74	0.71	0.67	0.00	
4.00	1.05	0.91	1.01	0.94	0.89	0.85	0.82	0.79	0.79	0.76	0.72	0.00	
5.00	1.09	0.94	1.04	0.98	0.92	0.88	0.85	0.82	0.82	0.79	0.75	0.00	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	20361	18328	17341	17602	18345	19719	21976
50.0	17805	15888	15219	15767	16805	18326	20703
55.0	15097	13418	13222	14071	15417	17100	19571
60.0	12247	11101	11375	12542	14138	15999	18553
65.0	9269	8738	9687	11169	12845	14675	17161
70.0	6247	6512	8079	9812	11469	13340	15810
75.0	3569	4484	6559	8348	10112	12023	14471
80.0	1575	2940	5054	6979	8999	11049	13538
85.0	348	1736	3892	6014	8040	10111	12595
90.0	133	958	2959	5078	7072	9146	11604

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