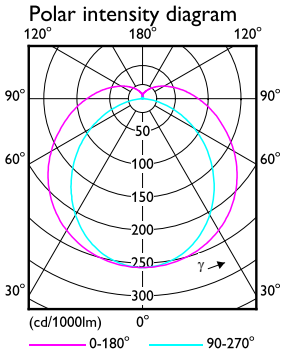


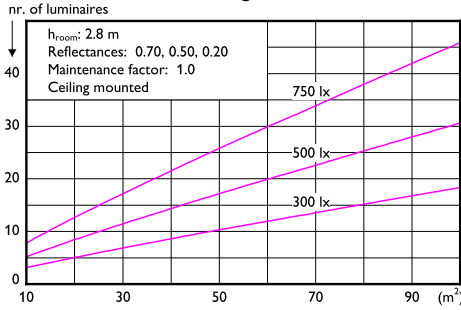
1 x TLED 12.5W 4000K 160D 9290019528

1 x 2000 lm



Light output ratio 1.00
 Service upward 0.15
 Service downward 0.85
 CIE flux code 40 69 88 85 100
 UGRcen (4Hx8H, 0.25H) 24

Quantity estimation diagram

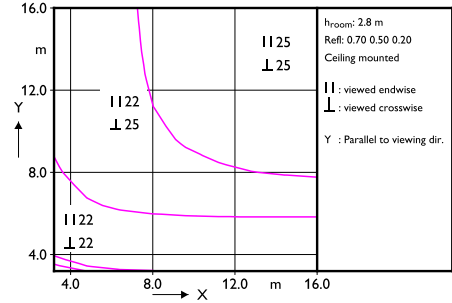


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80			0.70			0.50			0.30		
	0.80	0.50	0.30	0.70	0.50	0.30	0.70	0.50	0.30	0.50	0.30	0.10
0.60	0.43	0.41	0.41	0.40	0.40	0.32	0.31	0.26	0.29	0.25	0.22	
0.80	0.53	0.50	0.51	0.49	0.48	0.40	0.38	0.33	0.36	0.32	0.28	
1.00	0.61	0.57	0.59	0.57	0.55	0.47	0.45	0.40	0.43	0.38	0.34	
1.25	0.69	0.63	0.66	0.64	0.61	0.54	0.51	0.46	0.49	0.44	0.40	
1.50	0.75	0.68	0.72	0.69	0.66	0.59	0.56	0.51	0.53	0.49	0.44	
2.00	0.85	0.76	0.81	0.77	0.73	0.67	0.64	0.59	0.60	0.57	0.51	
2.50	0.91	0.81	0.87	0.82	0.78	0.73	0.69	0.65	0.65	0.62	0.56	
3.00	0.96	0.84	0.92	0.86	0.82	0.77	0.73	0.69	0.69	0.66	0.60	
4.00	1.02	0.89	0.97	0.91	0.86	0.82	0.77	0.74	0.73	0.71	0.65	
5.00	1.06	0.91	1.01	0.95	0.89	0.85	0.81	0.78	0.76	0.74	0.68	

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	8410	8170	8204	8527	9215	10395	12342
50.0	7914	7640	7642	7936	8575	9737	11785
55.0	7442	7136	7106	7370	7934	9040	11144
60.0	6979	6650	6596	6834	7302	8312	10422
65.0	6545	6194	6117	6332	6678	7545	9588
70.0	6149	5782	5688	5885	6084	6753	8616
75.0	5805	5429	5326	5519	5542	5941	7413
80.0	5510	5120	5007	5196	5024	5075	5740
85.0	5248	4845	4723	4912	4575	4275	3364
90.0	5029	4617	4496	4705	4385	4113	1429

(cd/m²)