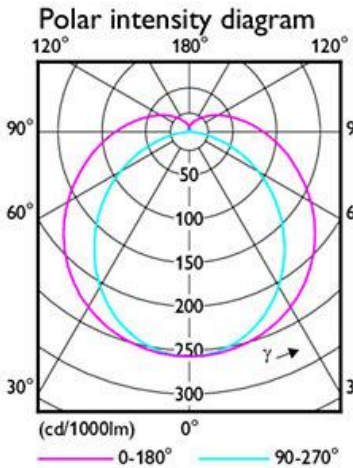




1 x TLED 14W 4000K 160D 9290012990

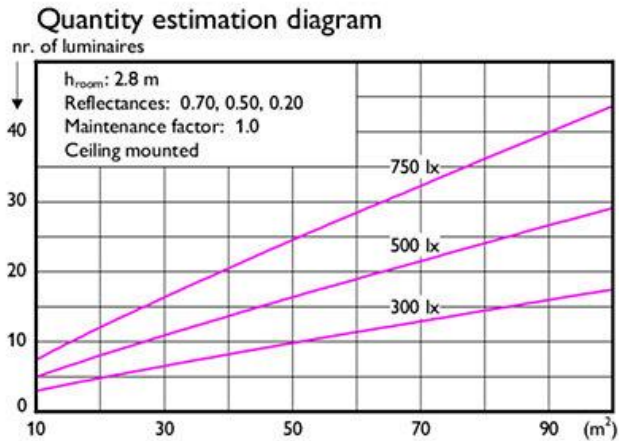
1 x 2100 lm



Light output ratio 1.00  
 Service upward 0.15  
 Service downward 0.85

CIE flux code 40 69 88 85 100

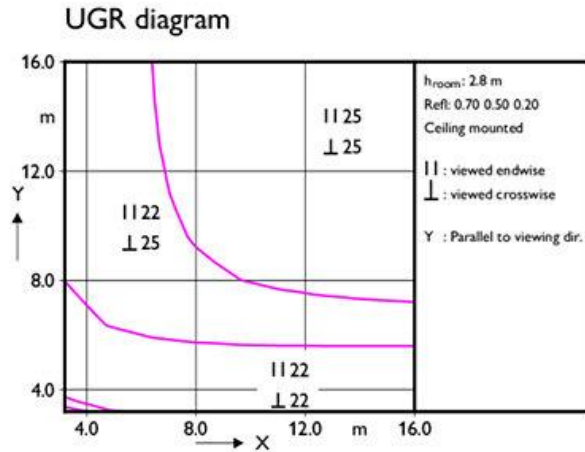
UGR<sub>cen</sub> (4Hx8H, 0.25H) 24



Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80				0.70				0.50			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	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



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	8830	8580	8615	8955	9677	10915	12960
50.0	8311	8022	8023	8331	9002	10223	12375
55.0	7813	7492	7460	7737	8330	9491	11700
60.0	7329	6983	6927	7177	7668	8729	10945
65.0	6871	6503	6423	6648	7011	7922	10067
70.0	6455	6071	5972	6180	6388	7090	9044
75.0	6097	5701	5593	5795	5818	6236	7775
80.0	5786	5377	5258	5457	5276	5329	6024
85.0	5511	5088	4961	5160	4806	4490	3532
90.0	5280	4847	4720	4940	4602	4312	1403

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

2016-12-27

MAS LEDtube HO 120cm – 90 55 961