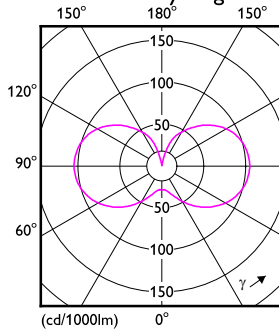


1 x 9290012383C 2W 2700K

1 x 250 lm

Polar intensity diagram

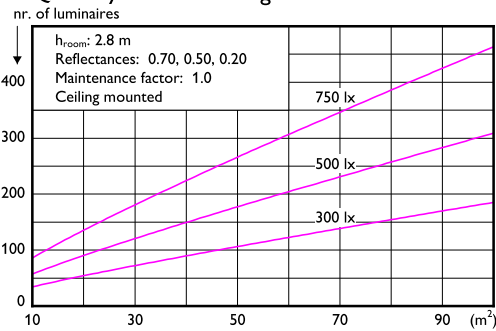


Light output ratio 1.00
 Service upward 0.50
 Service downward 0.50

CIE flux code 14 38 68 50 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

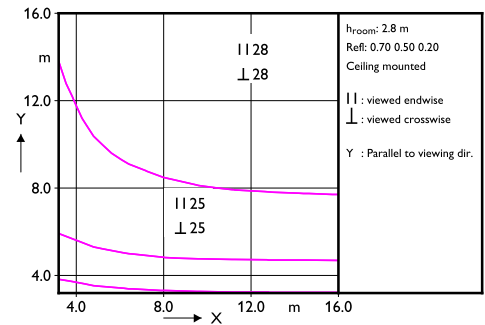


Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.32	0.30	0.29	0.29	0.28	0.20	0.17	0.12	0.13	0.09	0.04	0.00
0.80	0.41	0.38	0.37	0.36	0.35	0.27	0.22	0.17	0.17	0.13	0.07	0.00
1.00	0.48	0.44	0.43	0.42	0.41	0.33	0.27	0.22	0.21	0.17	0.09	0.00
1.25	0.55	0.51	0.50	0.48	0.46	0.38	0.32	0.26	0.25	0.21	0.12	0.00
1.50	0.61	0.55	0.55	0.53	0.51	0.43	0.36	0.30	0.29	0.24	0.14	0.00
2.00	0.70	0.63	0.63	0.60	0.57	0.50	0.42	0.37	0.34	0.30	0.18	0.00
2.50	0.76	0.67	0.69	0.65	0.62	0.55	0.46	0.42	0.38	0.34	0.22	0.00
3.00	0.81	0.71	0.74	0.69	0.65	0.59	0.50	0.46	0.41	0.37	0.24	0.00
4.00	0.88	0.76	0.80	0.75	0.70	0.65	0.55	0.51	0.45	0.42	0.28	0.00
5.00	0.92	0.79	0.84	0.78	0.73	0.69	0.58	0.55	0.48	0.45	0.31	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	11019	10018	9477	9306	9477	10018	11019
50.0	12262	11050	10403	10200	10403	11050	12262
55.0	13551	12101	11338	11100	11338	12101	13551
60.0	14967	13239	12343	12065	12343	13239	14967
65.0	16459	14413	13368	13046	13368	14413	16459
70.0	18017	15606	14395	14024	14395	15606	18017
75.0	19792	16940	15533	15105	15533	16940	19792
80.0	21743	18362	16727	16234	16727	18362	21743
85.0	23960	19924	18016	17446	18016	19924	23960
90.0	26684	21787	19534	18868	19534	21787	26684

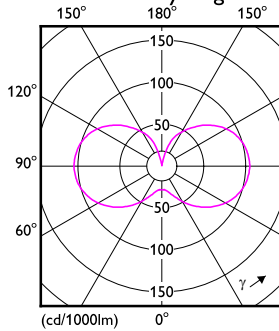
(cd/m²)

2021-01-25

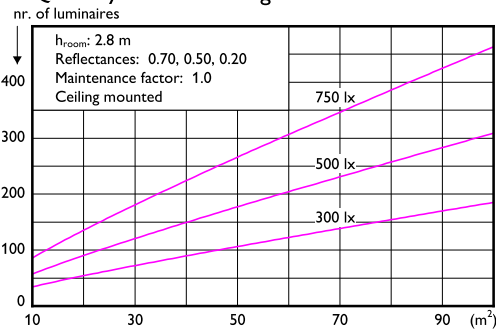
1 x 9290012386C 2W 2700K

1 x 250 lm

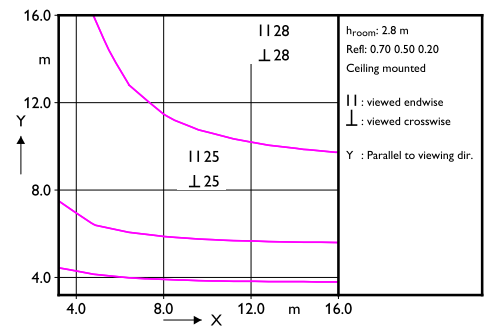
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00
 Service upward 0.50
 Service downward 0.50

CIE flux code 14 38 68 50 100

UGRcen (4Hx8H, 0.25H) 25

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)											
	0.80				0.70				0.50			
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.32	0.30	0.29	0.29	0.28	0.20	0.17	0.12	0.13	0.09	0.04	0.00
0.80	0.41	0.38	0.37	0.36	0.35	0.27	0.22	0.17	0.17	0.13	0.07	0.00
1.00	0.48	0.44	0.43	0.42	0.41	0.33	0.27	0.22	0.21	0.17	0.09	0.00
1.25	0.55	0.51	0.50	0.48	0.46	0.38	0.32	0.26	0.25	0.21	0.12	0.00
1.50	0.61	0.55	0.55	0.53	0.51	0.43	0.36	0.30	0.29	0.24	0.14	0.00
2.00	0.70	0.63	0.63	0.60	0.57	0.50	0.42	0.37	0.34	0.30	0.18	0.00
2.50	0.76	0.67	0.69	0.65	0.62	0.55	0.46	0.42	0.38	0.34	0.22	0.00
3.00	0.81	0.71	0.74	0.69	0.65	0.59	0.50	0.46	0.41	0.37	0.24	0.00
4.00	0.88	0.76	0.80	0.75	0.70	0.65	0.55	0.51	0.45	0.42	0.28	0.00
5.00	0.92	0.79	0.84	0.78	0.73	0.69	0.58	0.55	0.48	0.45	0.31	0.00

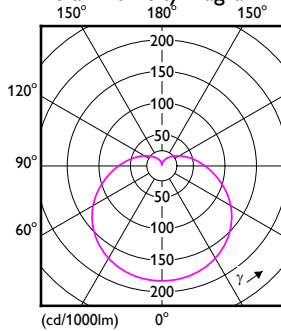
Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	7400	6813	6489	6386	6489	6813	7400
50.0	8320	7593	7198	7073	7198	7593	8320
55.0	9300	8410	7933	7783	7933	8410	9300
60.0	10396	9311	8737	8557	8737	9311	10396
65.0	11583	10264	9579	9366	9579	10264	11583
70.0	12864	11266	10450	10198	10450	11266	12864
75.0	14364	12414	11438	11139	11438	12414	14364
80.0	16082	13685	12513	12158	12513	13685	16082
85.0	18125	15142	13722	13297	13722	15142	18125
90.0	20754	16946	15193	14675	15193	16946	20754

(cd/m²)

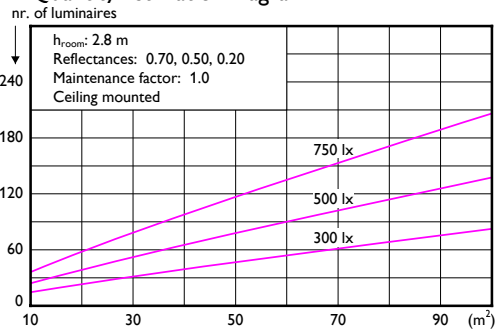
2021-01-25

1 x 9290012537 5W 2700K**1 x 470 lm****Polar intensity diagram**

Light output ratio 1.00
 Service upward 0.21
 Service downward 0.79

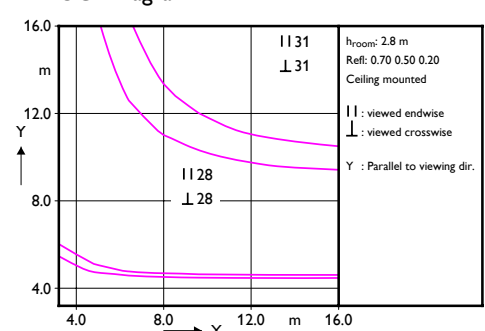
CIE flux code 34 62 84 79 100

UGRcen (4Hx8H, 0.25H) 29

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	0.00
0.60	0.80	0.50	0.30	0.10	0.30	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.80	0.40	0.38	0.38	0.37	0.36	0.29	0.27	0.22	0.25	0.21	0.17	0.17
1.00	0.49	0.46	0.47	0.46	0.44	0.36	0.34	0.29	0.31	0.27	0.23	0.23
1.25	0.57	0.53	0.54	0.53	0.51	0.43	0.40	0.35	0.37	0.32	0.28	0.28
1.50	0.65	0.60	0.62	0.59	0.57	0.49	0.46	0.41	0.43	0.38	0.33	0.33
2.00	0.71	0.65	0.68	0.65	0.62	0.55	0.51	0.46	0.47	0.43	0.37	0.37
2.50	0.81	0.72	0.76	0.73	0.69	0.63	0.58	0.53	0.54	0.50	0.44	0.44
3.00	0.87	0.77	0.83	0.78	0.74	0.68	0.63	0.59	0.59	0.55	0.48	0.48
4.00	0.92	0.81	0.87	0.82	0.78	0.72	0.67	0.63	0.62	0.59	0.52	0.52
5.00	0.99	0.85	0.93	0.87	0.82	0.78	0.72	0.69	0.67	0.64	0.57	0.57
5.00	1.03	0.88	0.97	0.91	0.85	0.81	0.76	0.72	0.70	0.68	0.60	0.60

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	31937	29462	28283	28201	29202	31455	35374
50.0	30461	27905	26700	26616	27639	29960	34069
55.0	29029	26406	25182	25098	26135	28512	32796
60.0	27694	25009	23770	23685	24734	27162	31619
65.0	26310	23580	22333	22247	23302	25766	30377
70.0	25049	22268	21014	20928	21988	24491	29275
75.0	23800	20974	19715	19629	20692	23229	28193
80.0	22723	19832	18562	18476	19547	22134	27329
85.0	21794	18815	17527	17440	18525	21182	26677
90.0	20995	17899	16583	16495	17601	20352	26243

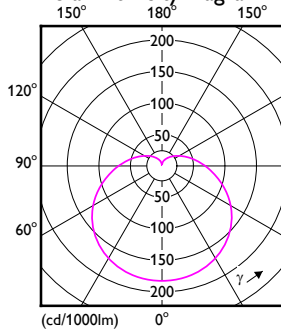
(cd/m²)

2021-06-05

1 x 9290012538 5W 2700K

1 x 470 lm

Polar intensity diagram

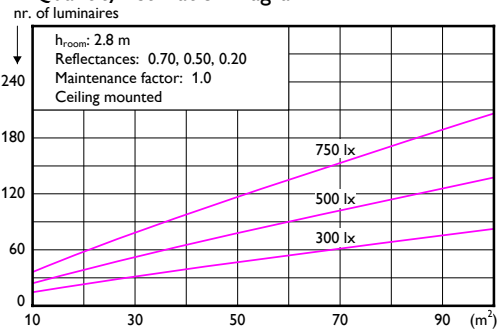


Light output ratio 1.00
 Service upward 0.21
 Service downward 0.79

CIE flux code 34 62 84 79 100

UGRcen (4Hx8H, 0.25H) 29

Quantity estimation diagram

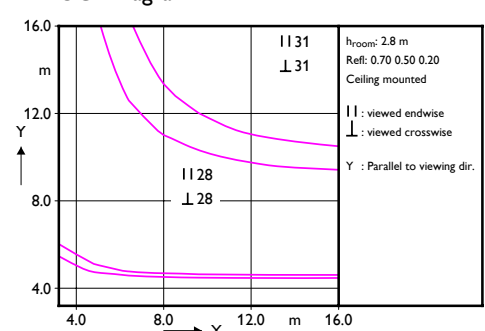


Utilisation factor table

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	0.00
0.60	0.40	0.38	0.38	0.37	0.36	0.29	0.27	0.22	0.25	0.21	0.17	0.17
0.80	0.49	0.46	0.47	0.46	0.44	0.36	0.34	0.29	0.31	0.27	0.23	0.23
1.00	0.57	0.53	0.54	0.53	0.51	0.43	0.40	0.35	0.37	0.32	0.28	0.28
1.25	0.65	0.60	0.62	0.59	0.57	0.49	0.46	0.41	0.43	0.38	0.33	0.33
1.50	0.71	0.65	0.68	0.65	0.62	0.55	0.51	0.46	0.47	0.43	0.37	0.37
2.00	0.81	0.72	0.76	0.73	0.69	0.63	0.58	0.53	0.54	0.50	0.44	0.44
2.50	0.87	0.77	0.83	0.78	0.74	0.68	0.63	0.59	0.59	0.55	0.48	0.48
3.00	0.92	0.81	0.87	0.82	0.78	0.72	0.67	0.63	0.62	0.59	0.52	0.52
4.00	0.99	0.85	0.93	0.87	0.82	0.78	0.72	0.69	0.67	0.64	0.57	0.57
5.00	1.03	0.88	0.97	0.91	0.85	0.81	0.76	0.72	0.70	0.68	0.60	0.60

Ceiling mounted

UGR diagram

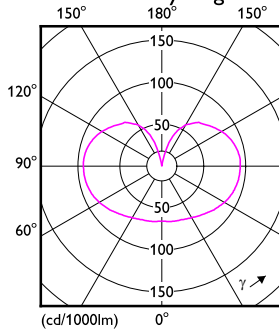
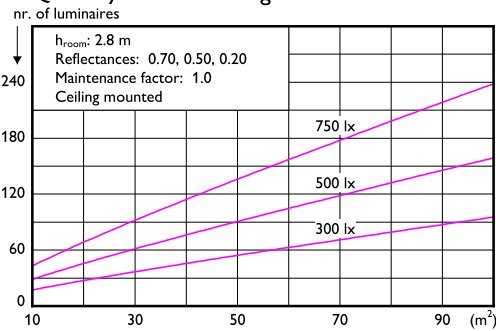
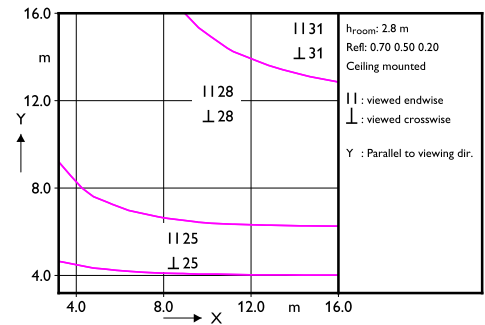


Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	31937	29462	28283	28201	29202	31455	35374
50.0	30461	27905	26700	26616	27639	29960	34069
55.0	29029	26406	25182	25098	26135	28512	32796
60.0	27694	25009	23770	23685	24734	27162	31619
65.0	26310	23580	22333	22247	23302	25766	30377
70.0	25049	22268	21014	20928	21988	24491	29275
75.0	23800	20974	19715	19629	20692	23229	28193
80.0	22723	19832	18562	18476	19547	22134	27329
85.0	21794	18815	17527	17440	18525	21182	26677
90.0	20995	17899	16583	16495	17601	20352	26243

(cd/m²)

2021-06-05

1 x 9290018897C 4.3W 2700K**1 x 470 lm****Polar intensity diagram****Quantity estimation diagram****UGR diagram**

Light output ratio 1.00
Service upward 0.48
Service downward 0.52

CIE flux code 21 45 72 52 100

UGRcen (4Hx8H, 0.25H) 28

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	0.80	0.50	0.30	0.80	0.50	0.30	0.80	0.50	0.30
0.60	0.34	0.32	0.31	0.31	0.30	0.23	0.19	0.15	0.16	0.12	0.07	0.07
0.80	0.43	0.40	0.39	0.38	0.37	0.29	0.25	0.20	0.20	0.16	0.10	0.10
1.00	0.50	0.47	0.46	0.44	0.43	0.35	0.29	0.25	0.24	0.20	0.12	0.12
1.25	0.57	0.53	0.52	0.50	0.49	0.41	0.34	0.29	0.28	0.24	0.15	0.15
1.50	0.63	0.57	0.58	0.55	0.53	0.45	0.38	0.33	0.32	0.28	0.18	0.18
2.00	0.72	0.64	0.66	0.63	0.60	0.53	0.45	0.40	0.37	0.33	0.22	0.22
2.50	0.79	0.69	0.71	0.68	0.64	0.58	0.49	0.45	0.41	0.37	0.25	0.25
3.00	0.83	0.73	0.76	0.71	0.67	0.62	0.52	0.48	0.44	0.40	0.28	0.28
4.00	0.90	0.78	0.82	0.77	0.72	0.67	0.57	0.54	0.48	0.45	0.31	0.31
5.00	0.94	0.81	0.86	0.80	0.75	0.71	0.60	0.57	0.51	0.48	0.34	0.34

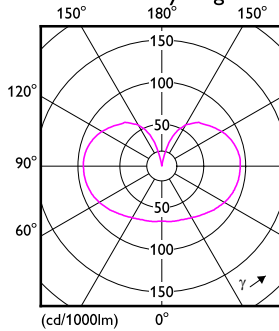
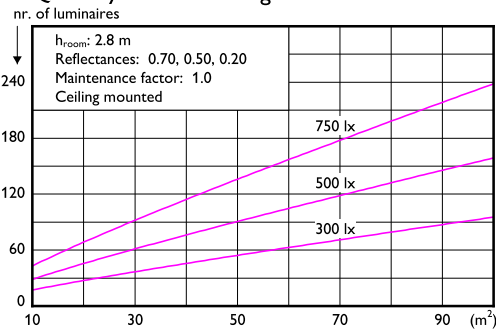
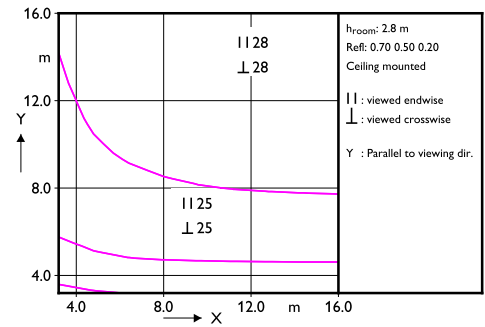
Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	20749	18627	17501	17148	17501	18627	20749
50.0	21659	19273	18025	17636	18025	19273	21659
55.0	22522	19865	18494	18069	18494	19865	22522
60.0	23696	20714	19196	18727	19196	20714	23696
65.0	25035	21682	19999	19483	19999	21682	25035
70.0	26407	22647	20787	20220	20787	22647	26407
75.0	28016	23777	21711	21087	21711	23777	28016
80.0	29933	25115	22807	22114	22807	25115	29933
85.0	32086	26580	23992	23221	23992	26580	32086
90.0	34786	28402	25465	24597	25465	28402	34786

(cd/m²)

2021-01-20

1 x 9290018904C 4.3W 2700K**1 x 470 lm****Polar intensity diagram****Quantity estimation diagram****UGR diagram**

Light output ratio 1.00
 Service upward 0.48
 Service downward 0.52

CIE flux code 21 45 72 52 100

UGRcen (4Hx8H, 0.25H) 26

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	0.00
0.60	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.80	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.25	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.50	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
2.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
2.50	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
3.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
4.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
5.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	14146	12861	12167	11947	12167	12861	14146
50.0	14929	13454	12667	12419	12667	13454	14929
55.0	15700	14020	13136	12860	13136	14020	15700
60.0	16713	14783	13783	13472	13783	14783	16713
65.0	17879	15656	14521	14170	14521	15656	17879
70.0	19112	16554	15270	14876	15270	16554	19112
75.0	20575	17611	16148	15703	16148	17611	20575
80.0	22347	18872	17191	16684	17191	18872	22347
85.0	24409	20297	18353	17773	18353	20297	24409
90.0	27056	22091	19806	19131	19806	22091	27056

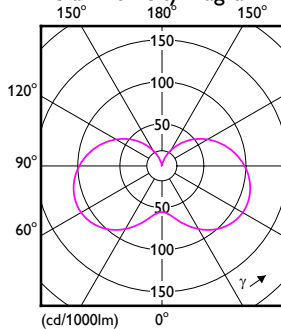
(cd/m²)

2021-01-20

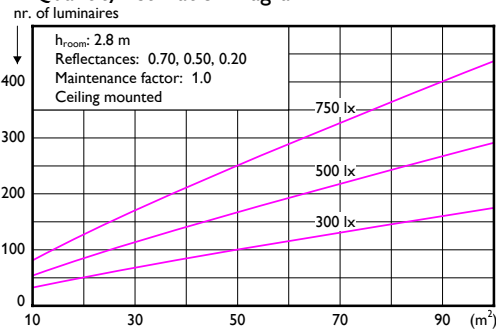
1 x 9290029668 2.8W 2700K

1 x 250 lm

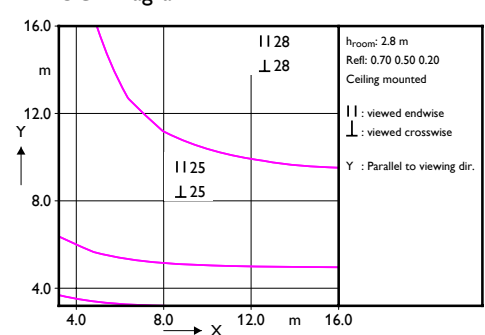
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00
 Service upward 0.37
 Service downward 0.63

CIE flux code 20 47 74 63 100

UGRcen (4Hx8H, 0.25H) 26

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	0.00
0.60	0.33	0.32	0.31	0.30	0.30	0.22	0.19	0.14	0.16	0.12	0.08	0.08
0.80	0.42	0.40	0.39	0.38	0.37	0.29	0.25	0.20	0.21	0.17	0.11	0.11
1.00	0.50	0.46	0.46	0.45	0.43	0.35	0.30	0.25	0.26	0.21	0.15	0.15
1.25	0.57	0.53	0.53	0.51	0.49	0.41	0.36	0.30	0.31	0.26	0.19	0.19
1.50	0.64	0.58	0.59	0.56	0.54	0.46	0.40	0.35	0.35	0.30	0.22	0.22
2.00	0.73	0.65	0.67	0.64	0.61	0.54	0.47	0.42	0.41	0.36	0.27	0.27
2.50	0.79	0.70	0.73	0.69	0.66	0.59	0.52	0.47	0.45	0.41	0.31	0.31
3.00	0.84	0.74	0.78	0.73	0.69	0.63	0.56	0.51	0.48	0.45	0.34	0.34
4.00	0.91	0.79	0.84	0.79	0.74	0.69	0.61	0.57	0.53	0.50	0.39	0.39
5.00	0.96	0.82	0.88	0.82	0.77	0.73	0.64	0.61	0.56	0.53	0.42	0.42

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	11594	10194	9475	9252	9475	10194	11594
50.0	11815	10306	9539	9303	9539	10306	11815
55.0	12007	10391	9581	9332	9581	10391	12007
60.0	12167	10449	9598	9338	9598	10449	12167
65.0	12292	10476	9586	9316	9586	10476	12292
70.0	12397	10483	9556	9277	9556	10483	12397
75.0	12484	10474	9511	9221	9511	10474	12484
80.0	12565	10452	9453	9155	9453	10452	12565
85.0	12653	10432	9396	9088	9396	10432	12653
90.0	12756	10416	9338	9020	9338	10416	12756

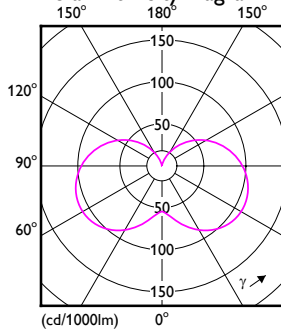
(cd/m²)

2022-02-15

1 x 9290029684 5W 2700K

1 x 470 lm

Polar intensity diagram

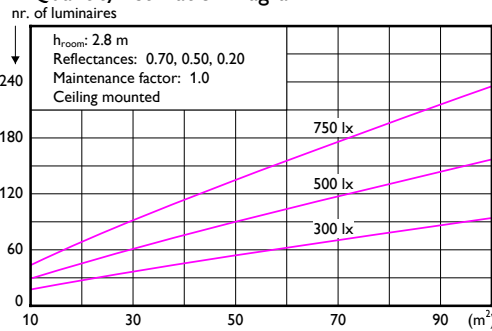


Light output ratio 0.98
Service upward 0.35
Service downward 0.63

CIE flux code 21 48 75 64 98

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

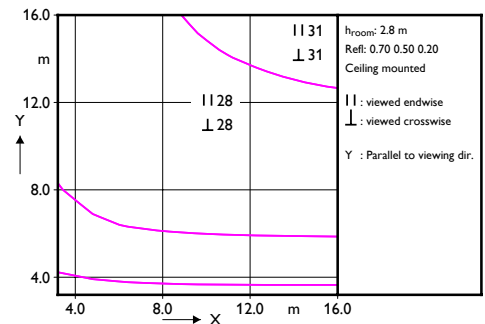


Utilisation factor table

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	0.33	0.31	0.31	0.30	0.29	0.22	0.19	0.14	0.16	0.12	0.08	0.08
0.80	0.42	0.39	0.39	0.38	0.37	0.29	0.25	0.20	0.22	0.17	0.12	0.12
1.00	0.49	0.46	0.46	0.44	0.43	0.35	0.30	0.25	0.26	0.22	0.15	0.15
1.25	0.57	0.52	0.53	0.51	0.49	0.41	0.36	0.30	0.31	0.26	0.19	0.19
1.50	0.63	0.57	0.58	0.56	0.53	0.46	0.40	0.35	0.35	0.30	0.22	0.22
2.00	0.72	0.64	0.66	0.63	0.60	0.53	0.47	0.42	0.41	0.37	0.28	0.28
2.50	0.78	0.69	0.72	0.69	0.65	0.58	0.52	0.47	0.45	0.41	0.32	0.32
3.00	0.83	0.73	0.77	0.72	0.68	0.62	0.55	0.51	0.48	0.45	0.35	0.35
4.00	0.90	0.78	0.83	0.78	0.73	0.68	0.60	0.57	0.53	0.50	0.39	0.39
5.00	0.94	0.81	0.87	0.81	0.76	0.72	0.64	0.60	0.56	0.53	0.42	0.42

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	21656	19041	17697	17281	17697	19041	21656
50.0	21966	19159	17735	17296	17735	19159	21966
55.0	22217	19227	17728	17269	17728	19227	22217
60.0	22428	19262	17692	17214	17692	19262	22428
65.0	22603	19264	17627	17131	17627	19264	22603
70.0	22756	19244	17542	17029	17542	19244	22756
75.0	22891	19204	17438	16908	17438	19204	22891
80.0	23029	19158	17327	16780	17327	19158	23029
85.0	23178	19110	17211	16646	17211	19110	23178
90.0	23371	19082	17109	16526	17109	19082	23371

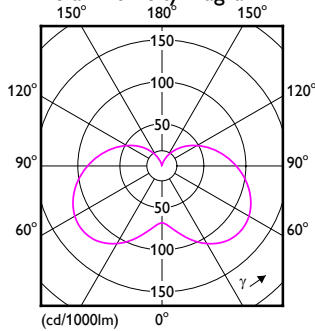
(cd/m²)

2022-02-15

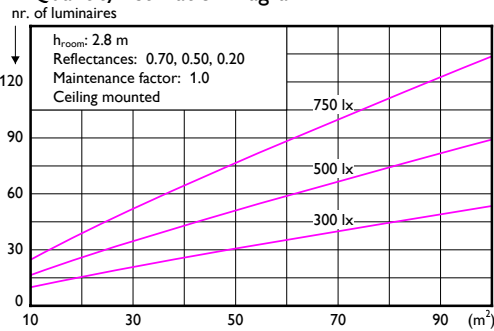
1 x 9290029725 7W 2700K

1 x 806 lm

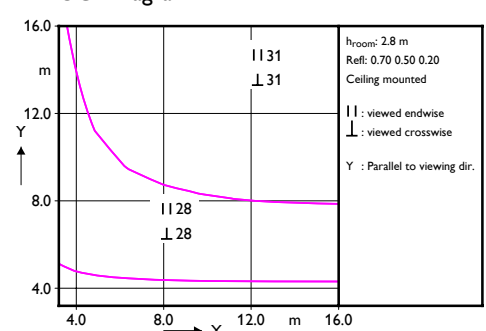
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.98
Service upward 0.29
Service downward 0.69

CIE flux code 23 51 77 70 98

UGR_{cen} (4Hx8H, 0.25H) 29

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	0.00
0.60	0.34	0.32	0.32	0.31	0.30	0.22	0.20	0.15	0.18	0.14	0.10	0.00
0.80	0.43	0.40	0.40	0.39	0.38	0.30	0.26	0.21	0.23	0.19	0.14	0.00
1.00	0.50	0.47	0.47	0.45	0.44	0.36	0.32	0.27	0.28	0.24	0.18	0.00
1.25	0.58	0.53	0.54	0.52	0.50	0.42	0.38	0.32	0.33	0.29	0.22	0.00
1.50	0.64	0.58	0.60	0.57	0.55	0.47	0.42	0.37	0.37	0.33	0.26	0.00
2.00	0.73	0.65	0.68	0.65	0.62	0.55	0.49	0.44	0.44	0.40	0.32	0.00
2.50	0.80	0.70	0.74	0.70	0.67	0.60	0.54	0.49	0.48	0.45	0.36	0.00
3.00	0.85	0.74	0.79	0.74	0.70	0.64	0.58	0.54	0.52	0.48	0.39	0.00
4.00	0.91	0.79	0.85	0.80	0.75	0.70	0.63	0.59	0.57	0.53	0.44	0.00
5.00	0.96	0.82	0.89	0.83	0.78	0.74	0.67	0.63	0.60	0.57	0.47	0.00

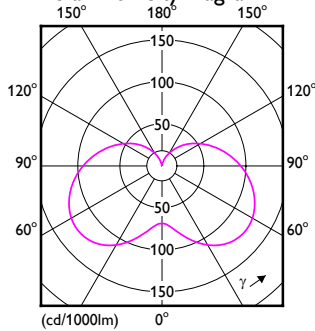
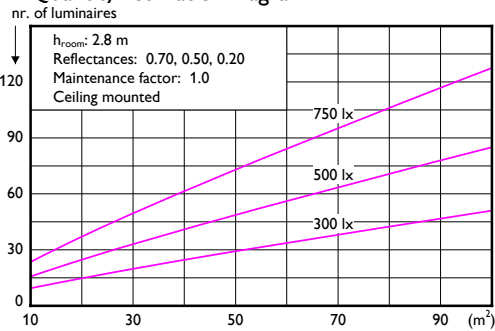
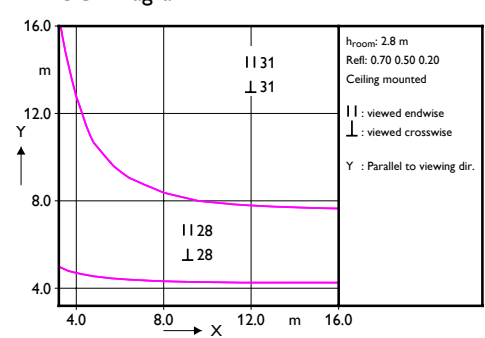
Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	36409	31980	29709	29006	29709	31980	36409
50.0	36235	31575	29213	28486	29213	31575	36235
55.0	35853	31002	28571	27827	28571	31002	35853
60.0	35311	30302	27822	27066	27822	30302	35311
65.0	34625	29489	26974	26211	26974	29489	34625
70.0	33860	28617	26079	25313	26079	28617	33860
75.0	33039	27703	25150	24383	25150	27703	33039
80.0	32225	26798	24233	23466	24233	26798	32225
85.0	31424	25903	23327	22562	23327	25903	31424
90.0	30711	25075	22482	21716	22482	25075	30711

(cd/m²)

2022-02-15

1 x 9290029727 7W 4000K**1 x 806 lm****Polar intensity diagram****Quantity estimation diagram****UGR diagram**

Light output ratio 1.03
 Service upward 0.32
 Service downward 0.71

CIE flux code 23 51 77 69 103

UGRcen (4Hx8H, 0.25H) 29

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	0.00
0.60	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.80	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
1.25	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
1.50	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
2.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
2.50	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
3.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
4.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
5.00	0.80	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	37551	32983	30640	29916	30640	32983	37551
50.0	37461	32643	30201	29450	30201	32643	37461
55.0	37174	32144	29624	28853	29624	32144	37174
60.0	36698	31492	28914	28129	28914	31492	36698
65.0	36095	30741	28120	27325	28120	30741	36095
70.0	35404	29922	27268	26467	27268	29922	35404
75.0	34655	29059	26381	25577	26381	29059	34655
80.0	33909	28199	25499	24693	25499	28199	33909
85.0	33195	27363	24642	23833	24642	27363	33195
90.0	32558	26584	23834	23022	23834	26584	32558

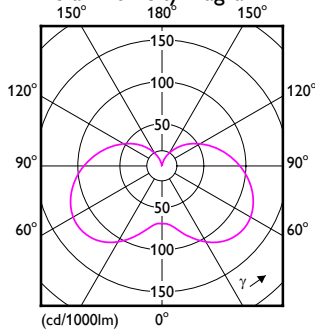
(cd/m²)

2022-02-15

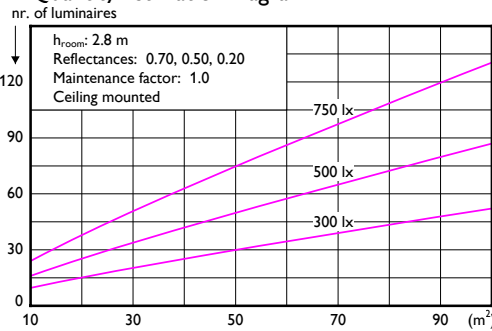
1 x 9290029729 7W 6500K

1 x 806 lm

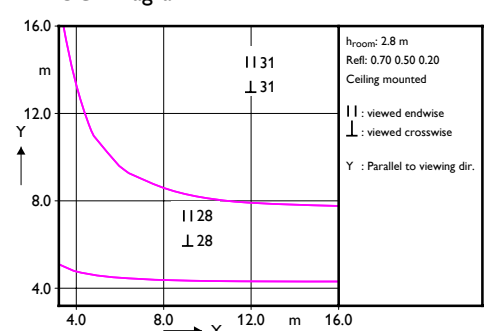
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.01
Service upward 0.32
Service downward 0.69

CIE flux code 23 50 77 68 101

UGRcen (4Hx8H, 0.25H) 29

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	0.80	0.70	0.70	0.70
0.60	0.35	0.33	0.33	0.32	0.31	0.23	0.21	0.16	0.18	0.14	0.10	0.35	0.33	0.33	0.32	0.31
0.80	0.44	0.41	0.41	0.40	0.39	0.31	0.27	0.22	0.24	0.19	0.14	0.44	0.41	0.41	0.40	0.39
1.00	0.52	0.48	0.48	0.47	0.45	0.37	0.33	0.27	0.29	0.24	0.18	0.52	0.48	0.48	0.47	0.45
1.25	0.59	0.54	0.55	0.53	0.51	0.43	0.38	0.33	0.34	0.29	0.22	0.59	0.54	0.55	0.53	0.51
1.50	0.66	0.60	0.61	0.59	0.56	0.48	0.43	0.37	0.38	0.33	0.26	0.66	0.60	0.61	0.59	0.56
2.00	0.75	0.67	0.70	0.67	0.63	0.56	0.50	0.45	0.44	0.40	0.32	0.75	0.67	0.70	0.67	0.63
2.50	0.82	0.72	0.76	0.72	0.68	0.62	0.55	0.50	0.49	0.45	0.36	0.82	0.72	0.76	0.72	0.68
3.00	0.87	0.76	0.81	0.76	0.72	0.66	0.59	0.55	0.53	0.49	0.39	0.87	0.76	0.81	0.76	0.72
4.00	0.94	0.81	0.87	0.82	0.77	0.72	0.64	0.61	0.57	0.54	0.44	0.94	0.81	0.87	0.82	0.77
5.00	0.99	0.85	0.92	0.86	0.80	0.76	0.68	0.65	0.61	0.58	0.47	0.99	0.85	0.92	0.86	0.80

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	36428	31997	29724	29021	29724	31997	36428
50.0	36470	31779	29402	28671	29402	31779	36470
55.0	36306	31393	28932	28179	28932	31393	36306
60.0	35950	30850	28325	27555	28325	30850	35950
65.0	35457	30198	27623	26842	27623	30198	35457
70.0	34853	29457	26844	26056	26844	29457	34853
75.0	34185	28665	26023	25230	26023	28665	34185
80.0	33485	27846	25181	24385	25181	27846	33485
85.0	32812	27048	24358	23558	24358	27048	32812
90.0	32205	26295	23576	22772	23576	26295	32205

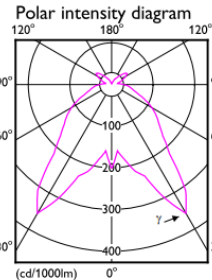
(cd/m²)

2022-02-15

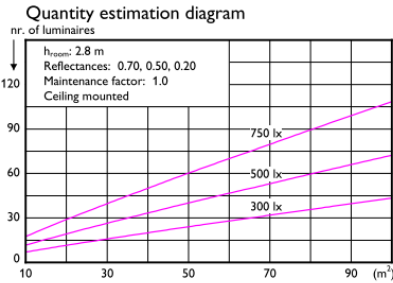
General Uniform Lighting

9290030359 IDST LEDCLA 60W B35 WW E14 CL ND

1 x 806 lm



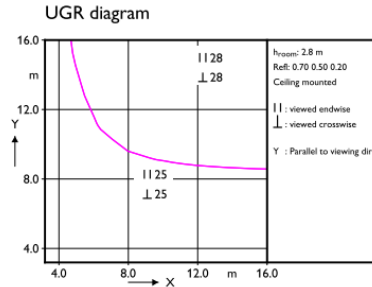
Light output ratio 1.00
 Service upward 0.15
 Service downward 0.85
 CIE flux code 50 77 92 85 100
 UGRcen (4Hx8H, 0.25H) 26



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
0.80	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10
0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.10	0.10	0.10	0.10
0.60	0.48	0.46	0.47	0.46	0.45	0.38	0.36	0.32	0.35	0.31
0.80	0.58	0.55	0.56	0.55	0.53	0.46	0.44	0.40	0.42	0.38
1.00	0.66	0.62	0.64	0.62	0.60	0.53	0.51	0.46	0.48	0.44
1.25	0.74	0.68	0.71	0.69	0.66	0.60	0.57	0.52	0.54	0.50
1.50	0.80	0.73	0.77	0.74	0.71	0.65	0.62	0.57	0.59	0.55
2.00	0.89	0.80	0.86	0.81	0.78	0.72	0.69	0.65	0.66	0.62
2.50	0.96	0.84	0.91	0.86	0.82	0.77	0.74	0.70	0.70	0.67
3.00	1.00	0.88	0.96	0.90	0.85	0.81	0.77	0.74	0.73	0.71
4.00	1.06	0.91	1.01	0.95	0.89	0.85	0.81	0.79	0.77	0.75
5.00	1.09	0.94	1.04	0.97	0.91	0.88	0.84	0.82	0.80	0.78

Ceiling mounted



Luminance Table

Plane	0.0	15.0	30.0	45.0	60.0	75.0	90.0
Cone							
45.0	31679	29285	27958	27532	27958	29285	31679
50.0	27890	25563	24289	23883	24289	25563	27890
55.0	25547	23203	21938	21538	21938	23203	25547
60.0	22782	20492	19273	18890	19273	20492	22782
65.0	19518	17369	16244	15893	16244	17369	19518
70.0	15823	13912	12931	12627	12931	13912	15823
75.0	13804	11972	11050	10767	11050	11972	13804
80.0	12957	11058	10125	9842	10125	11058	12957
85.0	12233	10237	9285	9000	9285	10237	12233
90.0	10234	8356	7492	7236	7492	8356	10234

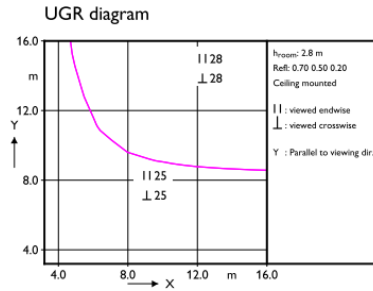
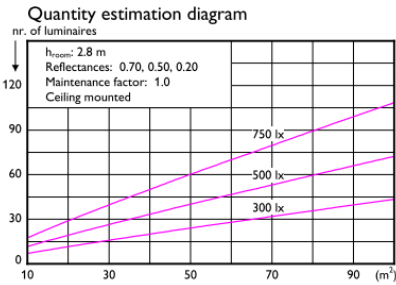
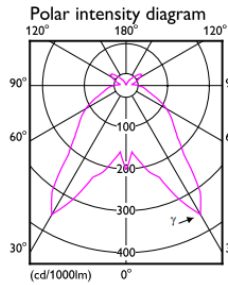
(cd/m²)

2021-01-25

General Uniform Lighting

9290030361 IDST LEDCLA 60W P45 WW E14 CL ND

1 x 806 lm



Light output ratio 1.00
Service upward 0.15
Service downward 0.85
CIE flux code 50 77 92 85 100
UGR_{cen} (4Hx8H, 0.25H) 26

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
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
0.80	0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10
1.00	0.30	0.30	0.30	0.30	0.30	0.30	0.10	0.10	0.10	0.10
1.25	0.74	0.68	0.71	0.69	0.64	0.60	0.57	0.52	0.54	0.50
1.50	0.80	0.73	0.77	0.74	0.71	0.65	0.62	0.57	0.59	0.55
2.00	0.89	0.80	0.86	0.81	0.78	0.72	0.69	0.65	0.66	0.62
2.50	0.96	0.84	0.91	0.86	0.82	0.77	0.74	0.70	0.70	0.67
3.00	1.00	0.88	0.96	0.90	0.85	0.81	0.77	0.74	0.73	0.71
4.00	1.06	0.91	1.01	0.95	0.89	0.85	0.81	0.79	0.77	0.75
5.00	1.09	0.94	1.04	0.97	0.91	0.88	0.84	0.82	0.80	0.78

Ceiling mounted

Luminance Table

Plane	0.0	15.0	30.0	45.0	60.0	75.0	90.0
Cote	45.0	31679	29285	27958	27532	27958	29285
	50.0	27890	25563	24289	23883	24289	25563
	55.0	25547	23203	21938	21538	21938	23203
	60.0	22782	20492	19273	18890	19273	20492
	65.0	19519	17369	16244	15893	16244	17369
	70.0	15823	13912	12931	12627	12931	13912
	75.0	13804	11972	11050	10767	11050	11972
	80.0	12957	11058	10125	9842	10125	11058
	85.0	12233	10237	9285	9000	9285	10237
	90.0	10234	8356	7492	7236	7492	8356

(cd/m²)

2021-01-25