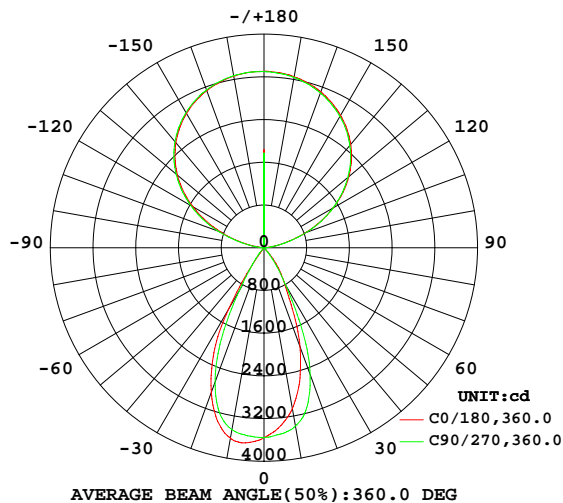


LUMINAIRE PHOTOMETRIC TEST REPORT

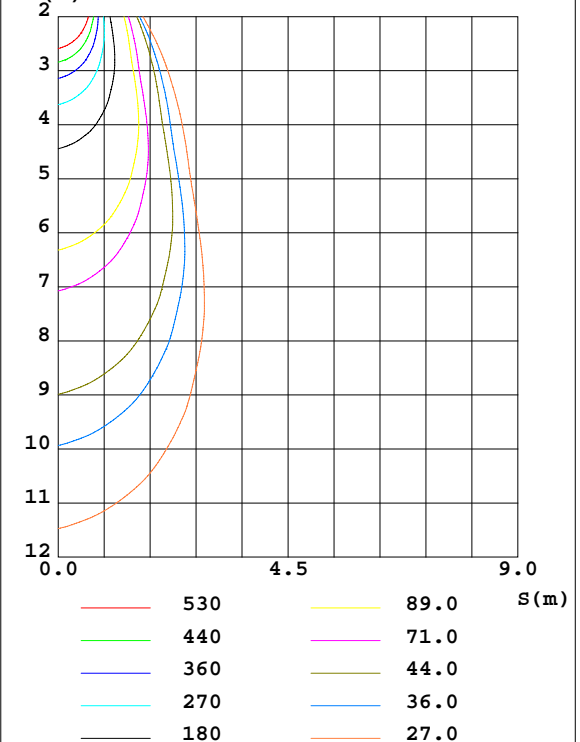
Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.97 lm/W			
MODEL		Imax(cd)	3676	S/MH(C0/180)	0.81
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	11845	η UP,DN(C0-180)	39.9,9.4
NOMINAL FLUX(lm)	11844.5	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	41.0,9.8
LAMPS INSIDE	1	η up(%)	80.9	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230.0	η down(%)	19.1	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

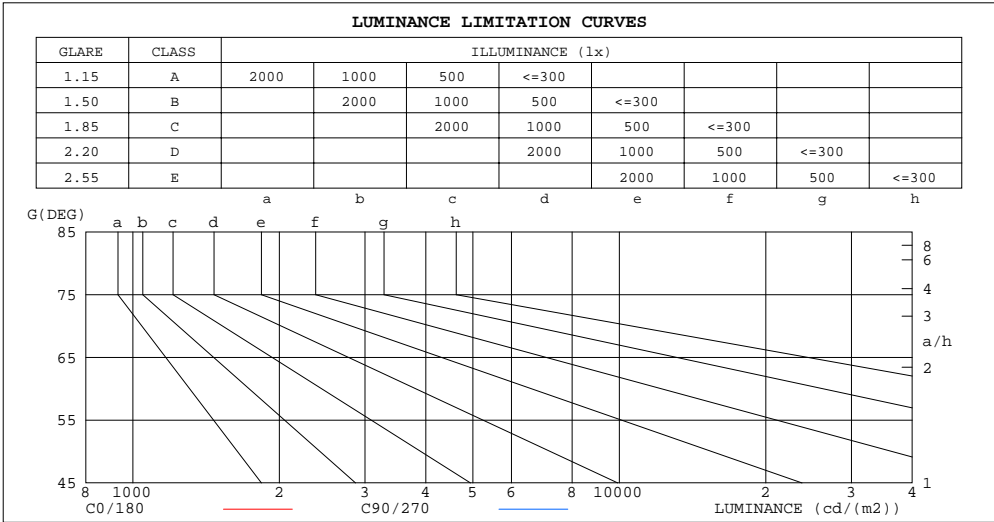
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3060	3238	3390	3535	3618	3577	3457	3288	0- 10	332.8	332.8	2.81,2.81
20	1973	2276	2529	2757	2889	2851	2679	2388	10- 20	852.1	1185	10,10
30	772.8	745.0	828.3	1107	1328	1169	927.2	819.2	20- 30	801.5	1986	16.8,16.8
40	219.9	162.3	108.4	47.00	11.60	46.88	108.2	162.2	30- 40	261.2	2248	19,19
50	0.8433	0.6317	0.6181	0.8773	1.185	1.335	1.350	1.180	40- 50	17.26	2265	19.1,19.1
60	0.2320	0.0796	0.1285	0.4706	0.8304	0.9327	0.8678	0.6340	50- 60	0.6200	2265	19.1,19.1
70	0.1311	0	0.0515	0.4462	0.8419	0.8958	0.7709	0.5221	60- 70	0.4668	2266	19.1,19.1
80	0.2745	0.0192	0.0515	0.5150	0.9797	0.9622	0.7672	0.5559	70- 80	0.5046	2266	19.1,19.1
90	2.491	0.7721	0.0515	0.7292	1.607	1.175	6.924	1.307	80- 90	0.8062	2267	19.1,19.1
100	218.3	232.4	237.4	227.4	219.7	239.8	257.3	247.3	90-100	76.68	2344	19.8,19.8
110	827.6	835.8	844.1	850.1	860.8	894.0	914.3	888.5	100-110	562.0	2906	24.5,24.5
120	1498	1490	1494	1512	1536	1566	1580	1554	110-120	1191	4097	34.6,34.6
130	2074	2051	2050	2080	2117	2141	2148	2124	120-130	1631	5728	48.4,48.4
140	2526	2502	2501	2533	2570	2591	2595	2572	130-140	1802	7530	63.6,63.6
150	2865	2844	2843	2870	2903	2920	2923	2904	140-150	1707	9238	78,78
160	3109	3090	3087	3106	3131	3143	3146	3134	150-160	1390	10628	89.7,89.7
170	3251	3241	3239	3250	3263	3271	3274	3267	160-170	903.8	11531	97.4,97.4
180	3302	3302	3302	3302	3302	3302	3302	3302	170-180	313.1	11845	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	341	19
80	50	9
75	19	6
70	12	5
65	10	4
60	15	8
55	24	16
50	41	30
45	1070	260

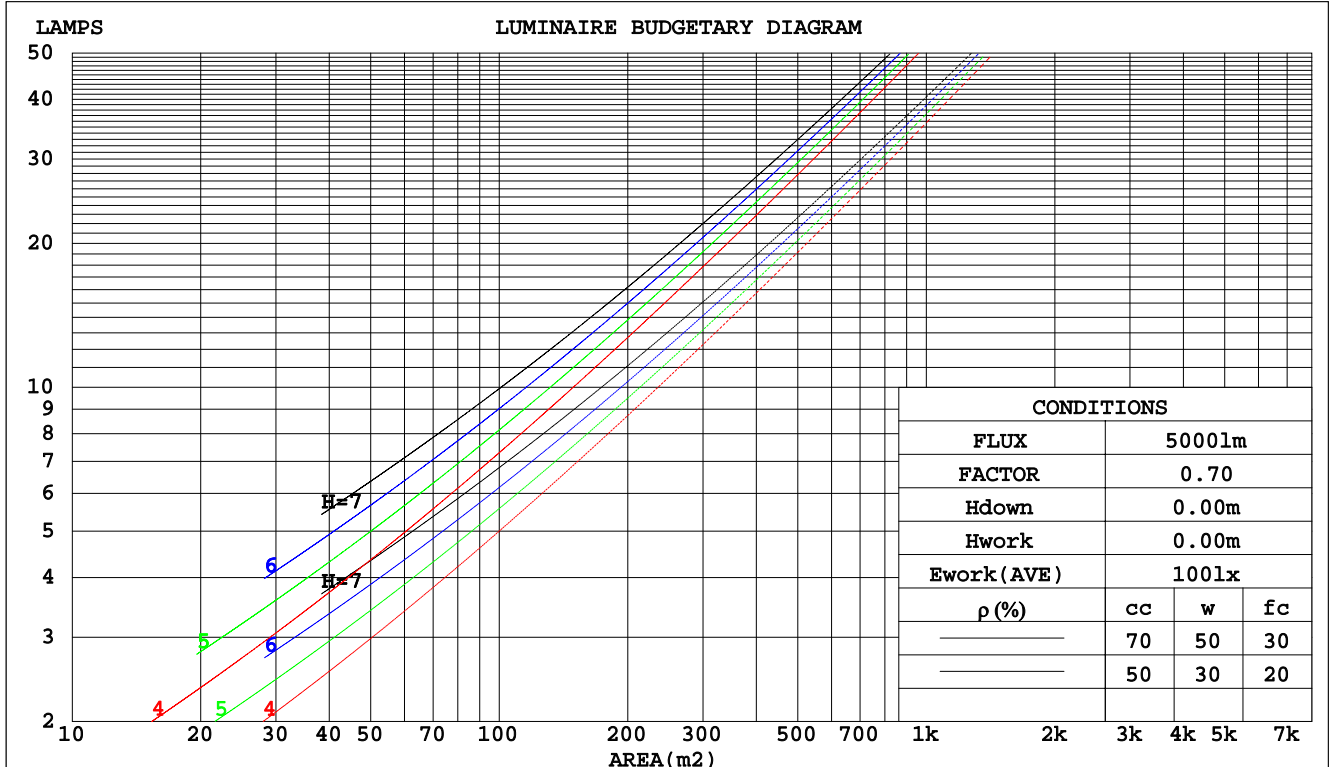
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.00	.00	.00	.88	.88	.88	.66	.66	.66	.46	.46	.46	.28	.28	.28	.19
1.0	.88	.85	.82	.78	.75	.73	.59	.58	.56	.42	.41	.40	.26	.26	.25	.18
2.0	.78	.73	.69	.70	.65	.62	.53	.51	.48	.38	.37	.36	.24	.24	.23	.17
3.0	.70	.64	.59	.62	.57	.53	.48	.45	.42	.35	.33	.32	.23	.22	.21	.16
4.0	.63	.56	.51	.56	.51	.46	.44	.40	.37	.32	.30	.28	.22	.21	.20	.15
5.0	.57	.50	.45	.51	.45	.41	.40	.36	.33	.30	.28	.26	.20	.19	.18	.15
6.0	.52	.45	.40	.46	.41	.36	.37	.33	.30	.28	.25	.23	.19	.18	.17	.14
7.0	.47	.40	.35	.43	.37	.33	.34	.30	.27	.26	.23	.21	.18	.17	.16	.13
8.0	.43	.36	.32	.39	.33	.29	.31	.27	.25	.24	.22	.20	.17	.16	.15	.13
9.0	.40	.33	.29	.36	.31	.27	.29	.25	.22	.23	.20	.18	.16	.15	.14	.12
10.0	.37	.30	.26	.33	.28	.24	.27	.23	.21	.21	.19	.17	.15	.14	.13	.11



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

WEC AND CCEC

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 1056*64*35			SERIAL No.:		
MFR.:			SUR.:0.635*0.05			Shielding Angle:		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.239	.136	.043	.207	.118	.038	.149	.085	.027	.095	.055	.018	.045	.026	.008		
2.0	.220	.121	.037	.192	.106	.033	.138	.077	.024	.089	.050	.016	.043	.024	.008		
3.0	.204	.109	.033	.178	.095	.029	.129	.070	.021	.083	.046	.014	.041	.023	.007		
4.0	.190	.099	.029	.166	.087	.026	.120	.064	.019	.078	.042	.013	.039	.021	.006		
5.0	.177	.090	.026	.155	.079	.023	.113	.059	.017	.074	.039	.012	.037	.020	.006		
6.0	.165	.083	.024	.145	.073	.021	.106	.054	.016	.070	.036	.011	.036	.019	.006		
7.0	.155	.077	.022	.136	.068	.019	.100	.051	.015	.066	.034	.010	.034	.018	.005		
8.0	.146	.071	.020	.128	.063	.018	.094	.047	.013	.063	.032	.009	.033	.017	.005		
9.0	.138	.067	.019	.121	.059	.017	.089	.044	.013	.060	.030	.009	.032	.016	.005		
10.0	.130	.062	.017	.115	.055	.015	.085	.042	.012	.057	.028	.008	.030	.015	.004		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.807	.807	.807	.689	.689	.689	.470	.470	.470	.270	.270	.270	.086	.086	.086		
1.0	.797	.778	.761	.682	.668	.655	.466	.459	.453	.268	.266	.263	.086	.086	.085		
2.0	.788	.758	.732	.675	.652	.633	.463	.451	.441	.267	.262	.259	.086	.085	.084		
3.0	.780	.743	.712	.669	.641	.618	.459	.445	.433	.265	.260	.255	.085	.084	.084		
4.0	.774	.731	.699	.664	.632	.607	.456	.440	.427	.264	.258	.253	.085	.084	.083		
5.0	.767	.722	.689	.659	.625	.599	.454	.436	.423	.263	.256	.251	.085	.084	.083		
6.0	.761	.715	.682	.654	.619	.594	.452	.433	.420	.262	.255	.250	.085	.083	.082		
7.0	.756	.709	.676	.650	.615	.589	.449	.431	.418	.261	.254	.249	.084	.083	.082		
8.0	.751	.704	.672	.646	.611	.586	.447	.429	.416	.260	.253	.248	.084	.083	.082		
9.0	.746	.700	.669	.643	.608	.584	.445	.427	.414	.259	.252	.247	.084	.083	.082		
10.0	.742	.697	.666	.639	.605	.582	.444	.426	.413	.259	.252	.247	.084	.083	.082		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm											
NAME:			TYPE:			WEIGHT:					
SPEC.:			DIM.: 1056*64*35			SERIAL No.:					
MFR.:			SUR.:0.635*0.05			Shielding Angle:					
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise				Viewed endwise					
x = 2H y = 2H	2H	4.1	4.7	5.2	5.8	7.3	3.4	4.1	4.5	5.1	6.7
	3H	3.7	4.3	4.8	5.4	6.9	3.0	3.6	4.2	4.7	6.3
	4H	3.5	4.0	4.6	5.1	6.7	2.8	3.4	4.0	4.5	6.1
	6H	3.3	3.8	4.5	4.9	6.5	2.6	3.1	3.8	4.3	5.8
	8H	3.2	3.6	4.4	4.8	6.4	2.5	3.0	3.7	4.1	5.7
	12H	3.1	3.5	4.3	4.7	6.3	2.4	2.9	3.6	4.0	5.6
4H	2H	3.5	4.0	4.6	5.1	6.7	2.8	3.4	4.0	4.5	6.1
	3H	3.1	3.5	4.3	4.7	6.3	2.4	2.9	3.6	4.0	5.6
	4H	2.9	3.3	4.1	4.4	6.0	2.2	2.6	3.4	3.8	5.4
	6H	2.6	3.0	3.9	4.2	5.8	2.0	2.3	3.2	3.5	5.2
	8H	2.5	2.9	3.7	4.0	5.7	1.9	2.2	3.1	3.4	5.0
	12H	2.4	2.7	3.6	3.9	5.6	1.8	2.1	3.0	3.2	4.9
8H	4H	2.5	2.9	3.7	4.0	5.7	1.9	2.2	3.1	3.4	5.0
	6H	2.3	2.6	3.5	3.8	5.4	1.7	1.9	2.9	3.1	4.8
	8H	2.2	2.4	3.4	3.6	5.3	1.6	1.8	2.8	3.0	4.7
	12H	2.1	2.3	3.3	3.5	5.2	1.4	1.6	2.7	2.8	4.5
12H	4H	2.4	2.7	3.6	3.9	5.6	1.8	2.1	3.0	3.2	4.9
	6H	2.2	2.4	3.4	3.6	5.3	1.6	1.8	2.8	3.0	4.7
	8H	2.1	2.3	3.3	3.5	5.2	1.4	1.6	2.7	2.8	4.5
Variations with the observer position at spacings:											
S = 1.0H		+ 4.2 / -26.8				+ 3.9 / -35.2					
1.5H		+ 7.0 / -27.1				+ 6.7 / -33.5					
2.0H		+10.4 / - 8.8				+ 8.9 / -11.6					

CIE Pub.117, 11845 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 8.6$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:

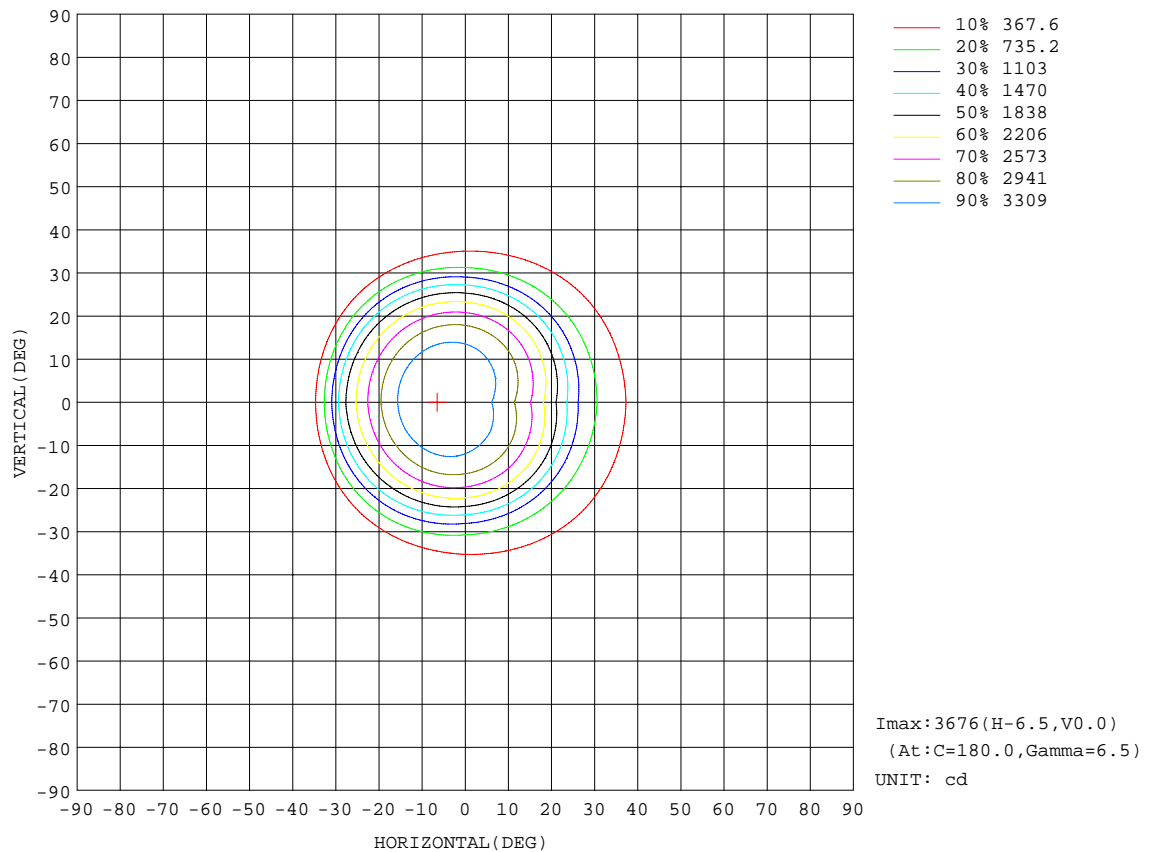
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	42	32	27	38	30	26	32	26	23	15
0.80	51	40	34	46	37	32	37	31	28	16
1.00	57	46	40	51	43	37	41	35	31	17
1.25	63	53	46	57	48	43	45	39	35	18
1.50	68	58	51	61	53	47	48	42	39	18
2.00	74	66	59	66	59	54	51	47	43	18
2.50	79	71	64	70	63	58	54	50	46	19
3.00	82	75	69	73	67	62	56	52	49	19
4.00	86	80	75	76	71	67	58	55	52	19
5.00	89	83	79	78	74	71	60	57	55	19
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:

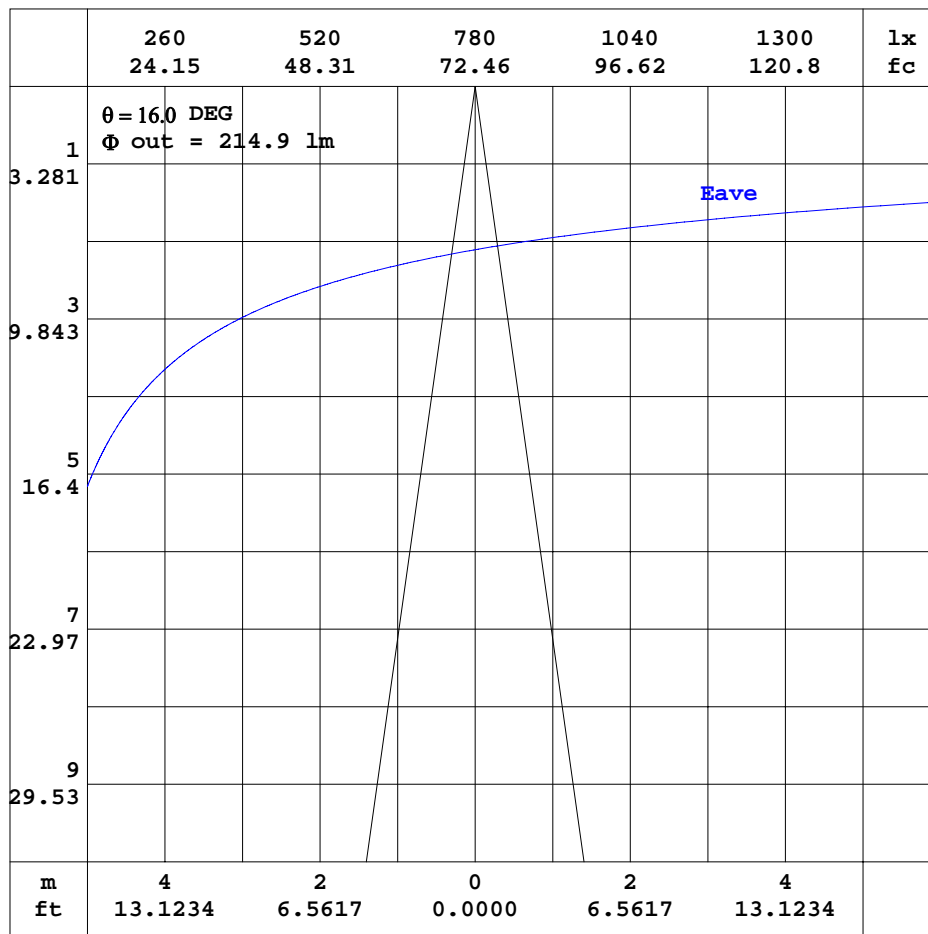


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

AAI CURVES

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:



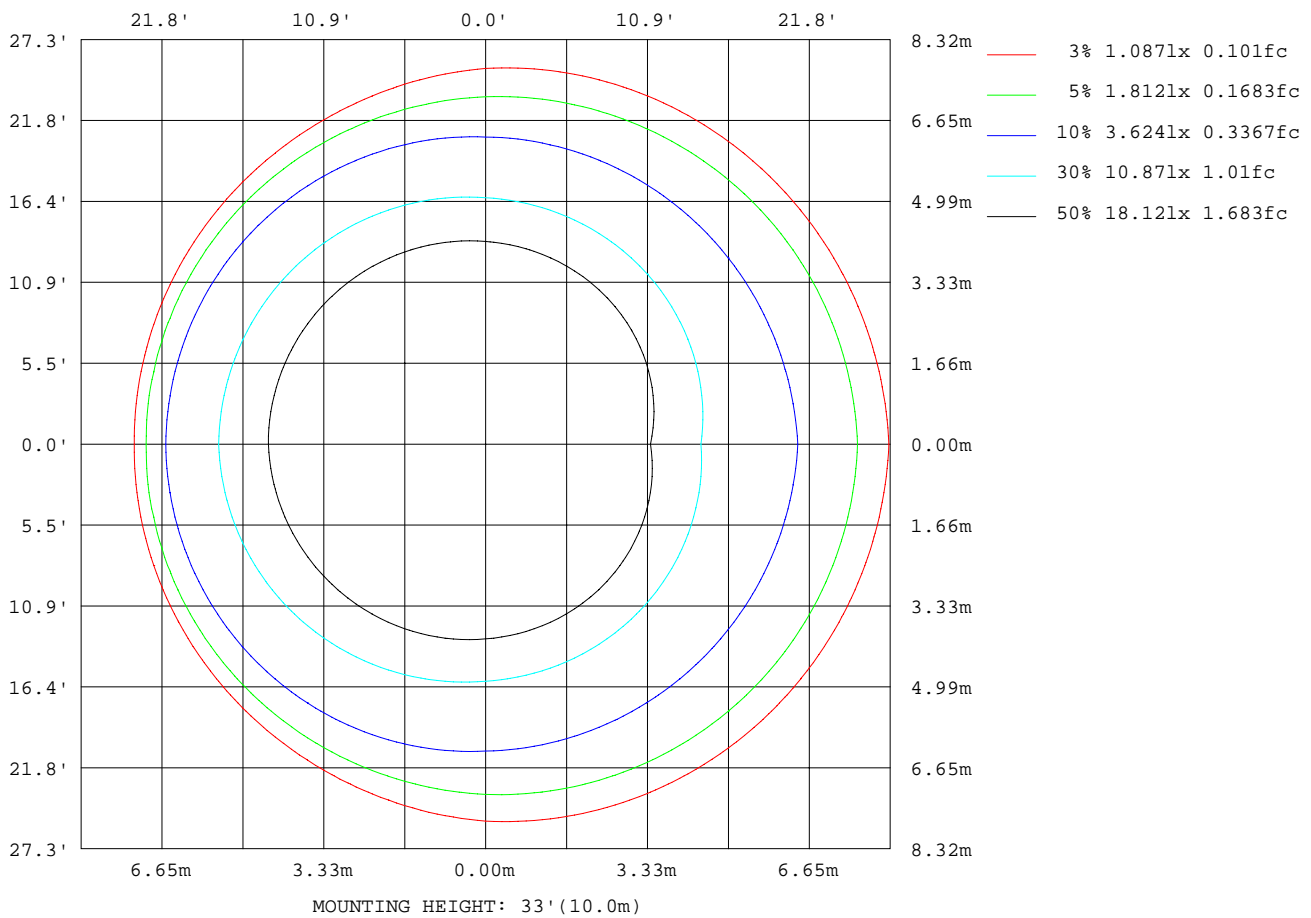
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

ISOLUX DIAGRAM

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LED Avg.L Report

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:

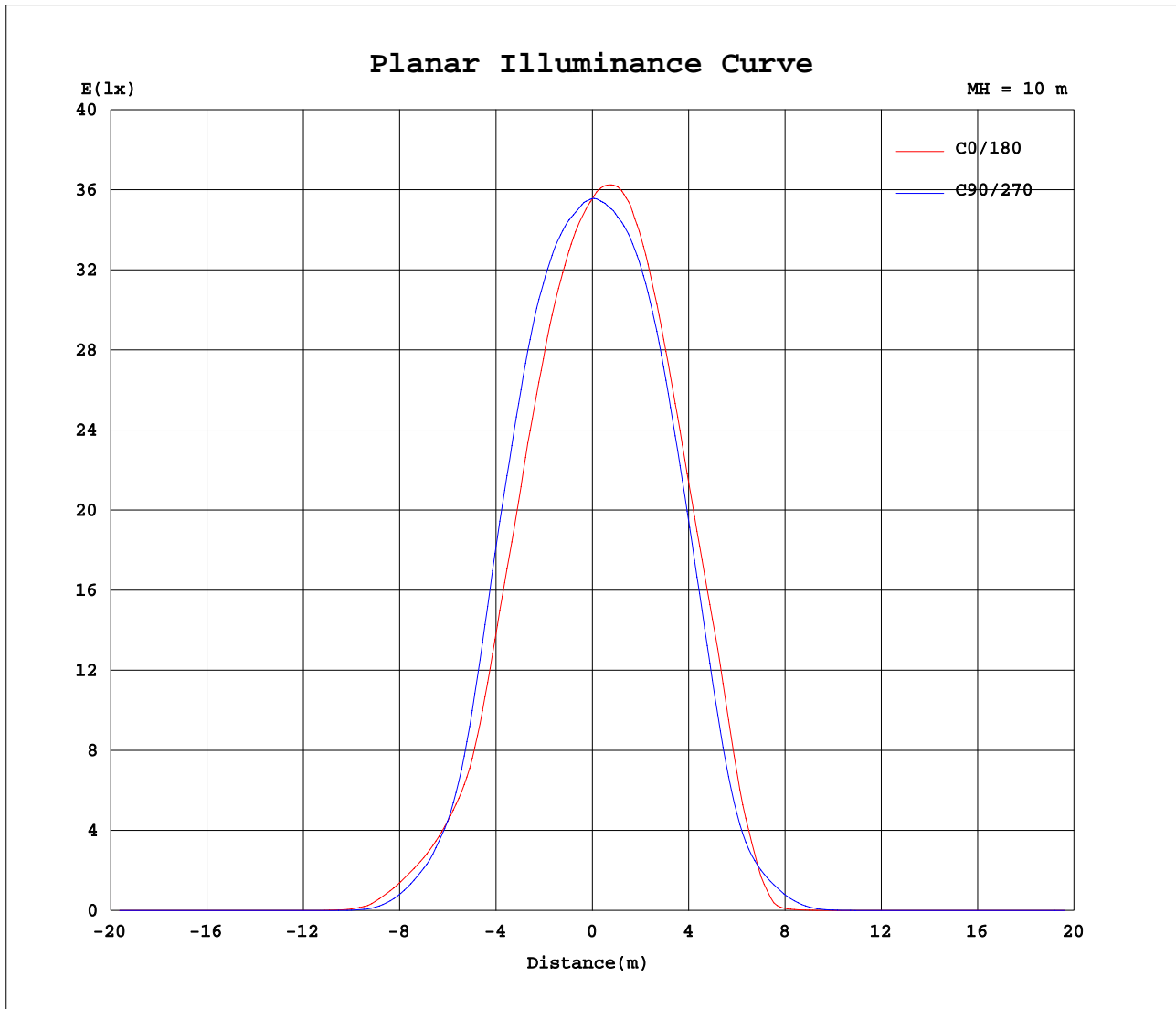
AvgL	cd/m2
L_0~180(65)av	36
L_0~180(75)av	64
L_0~180(85)av	381
L_90~270(65)av	31
L_90~270(75)av	50
L_90~270(85)av	148
L_45(65)av	35
L_45(75)av	58
L_45(85)av	238

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-07-18

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.:	SUR.:0.635*0.05	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3554	3554	3554	3555	3555	3555	3555	3556	3556	3556	3556	3556	3556	3556	3557	3557	3557	3557	3557
5	3368	3374	3381	3388	3395	3402	3410	3417	3424	3432	3439	3447	3455	3462	3470	3478	3486	3494	3503
10	3060	3081	3102	3122	3142	3162	3182	3201	3219	3238	3256	3274	3292	3309	3326	3342	3359	3375	3390
15	2589	2624	2659	2692	2725	2757	2788	2819	2848	2877	2905	2932	2959	2985	3010	3034	3057	3080	3102
20	1973	2009	2045	2079	2114	2147	2180	2213	2244	2276	2306	2336	2366	2394	2422	2450	2477	2503	2529
25	1255	1275	1295	1316	1338	1359	1382	1405	1428	1451	1475	1500	1525	1550	1576	1602	1629	1656	1683
30	773	764	757	751	747	744	742	742	743	745	749	754	760	768	778	788	800	814	828
35	481	475	469	463	457	452	446	441	435	430	424	419	414	409	404	399	394	389	385
40	220	213	207	200	194	187	181	175	169	162	156	150	144	138	132	126	120	114	108
45	24.0	22.6	21.2	19.9	18.7	17.5	16.3	15.2	14.1	13.1	12.1	11.2	10.3	9.42	8.61	7.85	7.13	6.46	5.83
50	0.84	0.81	0.78	0.75	0.72	0.70	0.68	0.66	0.65	0.63	0.62	0.61	0.61	0.60	0.60	0.60	0.60	0.61	0.62
55	0.43	0.40	0.38	0.36	0.34	0.32	0.30	0.29	0.28	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.28	0.29
60	0.23	0.21	0.18	0.16	0.14	0.12	0.11	0.10	0.09	0.08	0.08	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13
65	0.14	0.11	0.09	0.06	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.05
70	0.13	0.10	0.08	0.06	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.05
75	0.16	0.13	0.10	0.07	0.05	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.05
80	0.27	0.23	0.19	0.16	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.05
85	0.94	0.84	0.75	0.66	0.57	0.49	0.42	0.36	0.30	0.25	0.20	0.16	0.13	0.10	0.08	0.06	0.05	0.05	0.05
90	2.49	2.25	2.02	1.81	1.60	1.41	1.23	1.07	0.91	0.77	0.64	0.53	0.42	0.33	0.25	0.18	0.13	0.08	0.05
95	28.8	32.3	35.6	38.7	41.6	44.2	46.6	48.8	50.7	52.5	53.9	55.2	56.2	57.0	57.6	58.0	58.1	58.0	57.7
100	218	220	222	224	226	227	229	230	231	232	233	234	235	236	237	237	237	237	237
105	499	499	500	500	501	501	502	502	503	503	504	504	505	506	506	507	508	508	509
110	828	829	829	830	831	832	833	834	835	836	837	838	839	840	840	841	842	843	844
115	1169	1170	1170	1170	1171	1171	1172	1172	1173	1174	1174	1175	1176	1177	1177	1178	1179	1180	1181
120	1498	1496	1495	1494	1493	1492	1491	1491	1490	1490	1490	1490	1490	1490	1491	1491	1492	1493	1494
125	1805	1802	1799	1796	1794	1792	1790	1789	1787	1786	1785	1784	1784	1784	1784	1784	1784	1785	1786
130	2074	2070	2067	2064	2061	2058	2056	2054	2052	2051	2050	2049	2048	2048	2048	2048	2048	2049	2050
135	2315	2311	2308	2305	2302	2299	2297	2295	2293	2291	2290	2289	2289	2288	2288	2288	2289	2290	2291
140	2526	2522	2518	2515	2512	2510	2507	2505	2503	2502	2501	2500	2499	2499	2499	2499	2499	2500	2501
145	2711	2707	2704	2701	2698	2695	2693	2691	2689	2688	2687	2686	2685	2685	2685	2685	2685	2686	2687
150	2865	2862	2859	2856	2853	2851	2849	2847	2845	2844	2843	2842	2841	2841	2841	2841	2841	2842	2843
155	2999	2996	2993	2990	2987	2985	2983	2981	2979	2978	2977	2976	2975	2974	2974	2974	2975	2975	2976
160	3109	3106	3103	3101	3098	3096	3094	3092	3091	3090	3088	3087	3087	3086	3086	3086	3086	3086	3087
165	3190	3188	3186	3184	3183	3181	3180	3179	3178	3177	3176	3176	3175	3175	3175	3175	3175	3176	3176
170	3251	3250	3248	3247	3246	3245	3244	3243	3242	3241	3240	3240	3240	3239	3239	3239	3239	3239	3239
175	3291	3289	3288	3286	3285	3284	3283	3282	3281	3280	3280	3279	3279	3278	3278	3278	3278	3278	3278
180	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1056*64*35					SERIAL No.:				
MFR.:									SUR.:0.635*0.05					Shielding Angle:				

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3557	3556	3556	3556	3556	3556	3556	3555	3555	3555	3555	3555	3554	3554	3554	3554	3554	3554	3554
5	3514	3525	3536	3548	3559	3569	3580	3590	3600	3610	3619	3627	3635	3643	3649	3655	3661	3665	3663
10	3408	3426	3443	3460	3476	3492	3507	3521	3535	3548	3560	3571	3582	3591	3599	3607	3613	3618	3618
15	3124	3146	3167	3187	3206	3224	3241	3257	3273	3287	3300	3312	3323	3333	3342	3349	3356	3361	3364
20	2558	2586	2613	2639	2665	2689	2713	2735	2757	2777	2796	2814	2830	2845	2858	2870	2880	2889	2892
25	1721	1759	1797	1835	1873	1910	1947	1983	2018	2051	2083	2114	2142	2169	2194	2216	2236	2253	2252
30	857	887	917	948	980	1012	1044	1076	1107	1137	1167	1195	1222	1248	1271	1293	1312	1328	1319
35	379	374	368	363	358	353	348	343	339	335	331	327	324	321	318	316	314	312	312
40	101	93.7	86.4	79.3	72.4	65.7	59.2	52.9	47.0	41.4	36.1	31.2	26.7	22.7	19.1	16.1	13.6	11.6	13.5
45	5.31	4.83	4.39	4.00	3.64	3.33	3.05	2.81	2.61	2.44	2.30	2.20	2.13	2.10	2.09	2.11	2.16	2.23	2.24
50	0.64	0.66	0.69	0.72	0.75	0.78	0.81	0.84	0.88	0.91	0.95	0.98	1.02	1.05	1.09	1.12	1.15	1.19	1.21
55	0.32	0.34	0.37	0.40	0.44	0.47	0.50	0.54	0.58	0.61	0.65	0.68	0.72	0.76	0.79	0.83	0.86	0.89	0.91
60	0.16	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.83	0.85
65	0.09	0.13	0.17	0.21	0.25	0.30	0.34	0.39	0.44	0.48	0.53	0.58	0.62	0.67	0.71	0.75	0.79	0.83	0.84
70	0.09	0.13	0.17	0.21	0.26	0.30	0.35	0.40	0.45	0.49	0.54	0.59	0.63	0.68	0.72	0.76	0.80	0.84	0.86
75	0.09	0.13	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.58	0.63	0.67	0.72	0.77	0.81	0.85	0.89	0.91
80	0.09	0.14	0.19	0.24	0.29	0.35	0.40	0.46	0.51	0.57	0.63	0.68	0.74	0.79	0.84	0.89	0.94	0.98	0.99
85	0.09	0.14	0.19	0.25	0.31	0.37	0.44	0.51	0.57	0.64	0.71	0.78	0.85	0.92	0.98	1.05	1.11	1.16	1.16
90	0.09	0.14	0.21	0.28	0.36	0.44	0.53	0.63	0.73	0.83	0.94	1.04	1.14	1.24	1.34	1.44	1.52	1.61	1.58
95	55.5	53.2	50.7	48.0	45.3	42.4	39.5	36.6	33.7	30.8	28.0	25.3	22.7	20.3	18.0	16.0	14.2	12.6	14.7
100	237	236	235	233	232	231	230	229	227	226	225	224	223	222	221	221	220	220	222
105	510	510	511	512	513	513	514	515	516	517	518	519	520	521	522	523	524	526	528
110	845	845	846	846	847	848	849	849	850	851	852	853	854	855	856	858	859	861	864
115	1182	1183	1184	1185	1186	1187	1188	1190	1191	1192	1194	1195	1197	1199	1200	1202	1204	1206	1210
120	1495	1497	1499	1501	1503	1505	1507	1510	1512	1515	1517	1520	1522	1525	1528	1531	1533	1536	1540
125	1788	1790	1793	1795	1798	1801	1804	1807	1811	1814	1817	1821	1824	1828	1832	1835	1839	1842	1845
130	2053	2055	2058	2062	2065	2068	2072	2076	2080	2084	2088	2092	2096	2100	2105	2109	2113	2117	2120
135	2293	2296	2299	2302	2305	2309	2313	2316	2320	2324	2328	2333	2337	2341	2345	2349	2353	2357	2360
140	2504	2507	2510	2513	2517	2521	2525	2529	2533	2537	2541	2546	2550	2554	2558	2562	2566	2570	2573
145	2689	2692	2694	2698	2701	2704	2708	2711	2715	2719	2723	2726	2730	2734	2738	2742	2745	2749	2752
150	2845	2848	2850	2853	2856	2860	2863	2867	2870	2874	2878	2881	2885	2889	2893	2896	2900	2903	2906
155	2978	2980	2983	2985	2988	2991	2994	2997	3001	3004	3007	3011	3014	3018	3021	3024	3027	3031	3033
160	3088	3090	3092	3094	3096	3098	3101	3103	3106	3109	3112	3114	3117	3120	3123	3125	3128	3131	3132
165	3177	3179	3181	3182	3184	3186	3188	3190	3192	3194	3197	3199	3201	3203	3205	3207	3210	3211	3213
170	3240	3241	3242	3243	3244	3246	3247	3248	3250	3251	3253	3254	3256	3257	3259	3260	3261	3263	3264
175	3279	3279	3280	3281	3282	3283	3284	3285	3286	3288	3289	3290	3291	3292	3293	3295	3296	3297	3297
180	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1056*64*35					SERIAL No.:				
MFR.:									SUR.:0.635*0.05					Shielding Angle:				

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3554	3554	3554	3554	3555	3555	3555	3555	3555	3556	3556	3556	3556	3556	3556	3557	3557	3557	3557
5	3660	3657	3652	3647	3642	3635	3628	3621	3613	3604	3595	3586	3576	3567	3556	3546	3535	3527	3519
10	3617	3614	3610	3606	3600	3593	3585	3577	3567	3556	3545	3532	3519	3504	3489	3474	3457	3441	3425
15	3365	3366	3365	3362	3359	3354	3348	3340	3331	3321	3309	3296	3282	3266	3249	3230	3210	3188	3164
20	2892	2892	2889	2885	2879	2871	2862	2851	2838	2824	2808	2790	2771	2751	2728	2705	2679	2653	2625
25	2248	2241	2231	2220	2205	2189	2171	2150	2128	2104	2078	2051	2022	1993	1961	1929	1896	1868	1839
30	1307	1293	1277	1258	1238	1216	1193	1169	1143	1117	1090	1063	1035	1008	981	954	927	912	898
35	313	314	316	318	320	323	326	329	332	336	340	344	349	353	358	363	369	373	378
40	16.0	19.1	22.6	26.7	31.1	36.0	41.3	46.9	52.8	59.0	65.5	72.2	79.2	86.2	93.5	101	108	114	120
45	2.27	2.33	2.41	2.53	2.67	2.85	3.05	3.29	3.56	3.86	4.19	4.56	4.96	5.40	5.87	6.38	6.93	7.55	8.21
50	1.23	1.25	1.27	1.28	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.36	1.36	1.36	1.36	1.36	1.35	1.34	1.33
55	0.94	0.95	0.97	0.99	1.00	1.01	1.02	1.03	1.04	1.04	1.05	1.05	1.05	1.04	1.04	1.03	1.02	1.01	0.99
60	0.87	0.88	0.90	0.91	0.92	0.92	0.93	0.93	0.93	0.93	0.93	0.92	0.92	0.91	0.90	0.88	0.87	0.85	0.83
65	0.86	0.87	0.88	0.89	0.89	0.90	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.80	0.78	0.76	0.74
70	0.87	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.81	0.79	0.77	0.75	0.73
75	0.92	0.93	0.93	0.94	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.87	0.86	0.84	0.82	0.79	0.77	0.75	0.73
80	1.00	1.00	1.00	1.00	0.99	0.99	0.97	0.96	0.95	0.93	0.91	0.89	0.87	0.85	0.82	0.79	0.77	0.75	0.73
85	1.15	1.14	1.13	1.11	1.09	1.07	1.05	1.02	0.99	0.96	0.94	0.91	0.88	0.85	0.82	0.79	0.77	0.76	0.76
90	1.54	1.50	1.45	1.40	1.35	1.29	1.23	1.17	1.12	1.06	1.01	0.95	0.90	0.86	0.82	0.79	6.92	0.79	0.83
95	17.0	19.6	22.3	25.3	28.3	31.5	34.8	38.1	41.4	44.7	48.0	51.2	54.2	57.1	59.9	62.4	64.7	65.0	65.1
100	224	226	228	230	233	235	237	240	242	245	247	249	251	253	254	256	257	257	257
105	530	533	535	537	540	542	544	546	548	550	552	553	554	556	556	557	557	557	555
110	868	872	876	880	883	887	891	894	897	900	903	906	908	910	912	913	914	913	912
115	1214	1218	1223	1227	1231	1235	1238	1242	1245	1249	1252	1254	1257	1259	1261	1262	1263	1262	1260
120	1543	1547	1550	1554	1557	1560	1563	1566	1568	1571	1573	1575	1576	1578	1579	1579	1580	1578	1577
125	1849	1852	1855	1858	1861	1864	1866	1869	1871	1873	1874	1876	1877	1878	1878	1879	1879	1878	1876
130	2123	2126	2129	2132	2134	2137	2139	2141	2143	2144	2146	2147	2148	2148	2149	2148	2148	2147	2145
135	2363	2366	2369	2372	2375	2377	2379	2381	2383	2385	2386	2387	2388	2388	2389	2389	2388	2387	2385
140	2576	2579	2581	2584	2586	2588	2590	2591	2593	2594	2595	2596	2596	2596	2596	2596	2595	2594	2592
145	2754	2757	2759	2761	2763	2765	2766	2768	2769	2770	2771	2772	2772	2772	2772	2772	2771	2770	2769
150	2908	2910	2912	2914	2916	2918	2919	2920	2921	2922	2923	2923	2924	2924	2924	2923	2923	2922	2920
155	3035	3037	3039	3040	3042	3043	3044	3045	3046	3047	3048	3048	3048	3049	3048	3048	3048	3047	3045
160	3134	3136	3137	3139	3140	3141	3142	3143	3144	3145	3146	3146	3147	3147	3147	3147	3146	3146	3145
165	3214	3215	3216	3217	3218	3219	3220	3220	3221	3221	3222	3222	3222	3222	3222	3221	3221	3220	3220
170	3265	3266	3267	3268	3269	3270	3271	3271	3272	3273	3273	3273	3274	3274	3274	3274	3274	3274	3273
175	3297	3298	3298	3298	3299	3299	3299	3299	3299	3299	3299	3299	3299	3299	3299	3298	3298	3298	3298
180	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.64V I:0.3614A P:81.143W PF:0.9778 Freq:49.99Hz Lamp Flux:11844.5x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1056*64*35						SERIAL No.:		
MFR.:									SUR.:0.635*0.05						Shielding Angle:		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3557	3557	3556	3556	3556	3556	3556	3556	3556	3555	3555	3555	3555	3554	3554				
5	3510	3501	3493	3484	3475	3466	3456	3447	3437	3428	3418	3408	3398	3388	3378				
10	3407	3389	3371	3351	3331	3310	3288	3266	3243	3219	3194	3169	3143	3116	3088				
15	3139	3113	3085	3055	3024	2992	2958	2923	2887	2848	2809	2768	2725	2682	2636				
20	2596	2565	2533	2499	2464	2427	2388	2348	2307	2264	2219	2173	2125	2076	2026				
25	1809	1778	1746	1714	1680	1646	1611	1575	1538	1500	1461	1422	1381	1340	1298				
30	884	872	860	848	838	828	819	811	804	797	791	786	781	778	775				
35	383	389	394	400	406	412	418	424	431	437	444	451	458	465	473				
40	126	132	138	144	150	156	162	168	175	181	187	194	200	207	213				
45	8.91	9.65	10.4	11.2	12.1	13.0	13.9	14.9	15.9	16.9	18.0	19.1	20.3	21.5	22.7				
50	1.31	1.30	1.28	1.26	1.23	1.21	1.18	1.15	1.12	1.09	1.05	1.01	0.97	0.93	0.89				
55	0.97	0.95	0.93	0.91	0.88	0.85	0.82	0.78	0.75	0.71	0.67	0.62	0.58	0.53	0.48				
60	0.81	0.78	0.76	0.73	0.70	0.67	0.63	0.60	0.56	0.52	0.48	0.43	0.38	0.34	0.29				
65	0.72	0.69	0.66	0.63	0.60	0.57	0.53	0.50	0.46	0.42	0.38	0.33	0.29	0.24	0.19				
70	0.70	0.68	0.65	0.62	0.59	0.56	0.52	0.49	0.45	0.41	0.37	0.32	0.28	0.23	0.18				
75	0.70	0.68	0.65	0.62	0.59	0.56	0.52	0.49	0.45	0.41	0.38	0.33	0.29	0.25	0.20				
80	0.70	0.68	0.66	0.63	0.61	0.58	0.56	0.53	0.50	0.47	0.44	0.41	0.38	0.34	0.31				
85	0.76	0.76	0.76	0.76	0.77	0.77	0.78	0.79	0.81	0.82	0.84	0.85	0.87	0.90	0.92				
90	0.87	0.93	0.99	1.05	1.13	1.21	1.31	1.41	1.51	1.63	1.75	1.89	2.03	2.17	2.33				
95	64.8	64.3	63.6	62.5	61.2	59.6	57.7	55.6	53.2	50.5	47.6	44.4	40.9	37.1	33.1				
100	256	255	254	253	251	249	247	245	243	240	237	234	230	226	222				
105	554	552	550	548	545	543	540	536	532	529	524	520	515	510	505				
110	910	907	904	901	897	893	888	883	878	872	866	859	852	844	836				
115	1258	1255	1252	1248	1244	1240	1235	1229	1223	1217	1210	1203	1195	1187	1178				
120	1575	1572	1569	1566	1563	1559	1554	1549	1544	1539	1533	1527	1520	1513	1505				
125	1874	1872	1869	1866	1863	1860	1856	1851	1847	1842	1836	1831	1825	1818	1812				
130	2143	2141	2138	2135	2132	2128	2124	2120	2115	2110	2105	2100	2094	2088	2081				
135	2383	2381	2378	2375	2372	2368	2365	2360	2356	2351	2346	2340	2334	2328	2322				
140	2590	2588	2585	2582	2579	2576	2572	2568	2564	2559	2554	2549	2544	2538	2532				
145	2767	2765	2763	2760	2758	2755	2751	2748	2744	2740	2736	2731	2727	2722	2716				
150	2919	2917	2915	2912	2910	2907	2904	2900	2897	2893	2889	2885	2880	2876	2871				
155	3044	3042	3041	3039	3036	3034	3032	3029	3026	3023	3019	3016	3012	3008	3004				
160	3144	3143	3141	3140	3138	3136	3134	3132	3130	3127	3125	3122	3119	3116	3113				
165	3219	3218	3216	3215	3214	3212	3211	3209	3207	3205	3203	3201	3198	3196	3193				
170	3273	3272	3271	3270	3269	3268	3267	3266	3264	3263	3261	3259	3258	3256	3254				
175	3298	3297	3297	3297	3296	3296	3295	3295	3295	3294	3294	3293	3292	3292	3291				
180	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302	3302				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-18

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks: