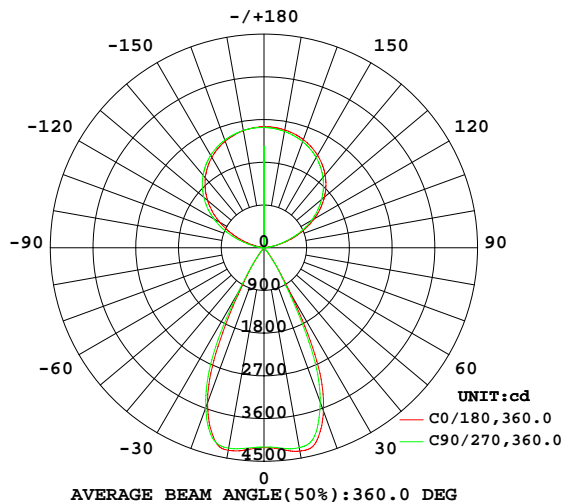


LUMINAIRE PHOTOMETRIC TEST REPORT

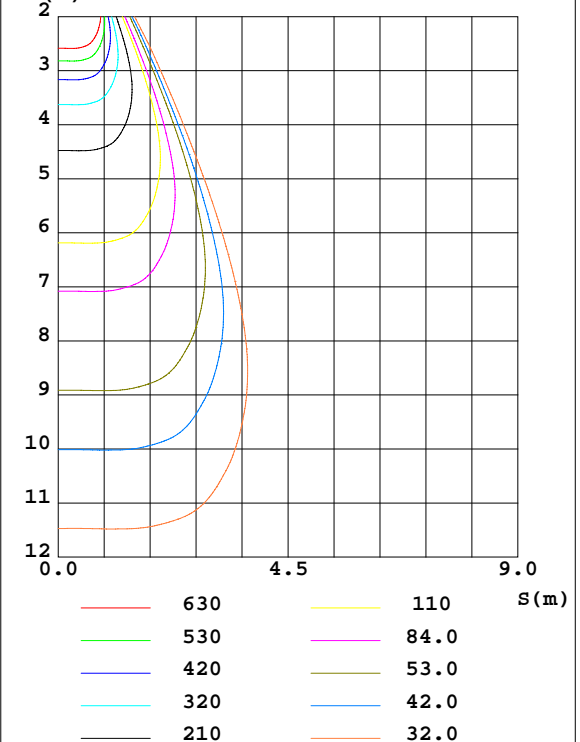
Test:U:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.62 lm/W			
MODEL		Imax(cd)	4352	S/MH(C0/180)	0.77
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	0.75
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	10165	η UP,DN(C0-180)	35.5,14.0
NOMINAL FLUX(lm)	10165.3	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	36.2,14.4
LAMPS INSIDE	1	η up(%)	71.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230.0	η down(%)	28.3	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:2022-11-14

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:

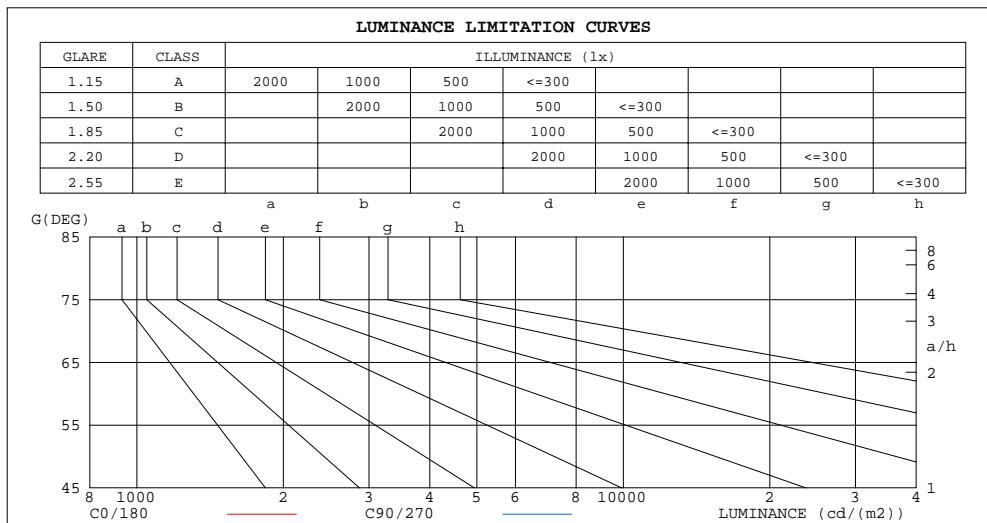
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4349	4314	4276	4292	4332	4310	4289	4309	0- 10	407.9	407.9	4.01,4.01
20	3661	3564	3461	3421	3476	3530	3591	3659	10- 20	1143	1551	15.3,15.3
30	1158	1053	957.2	902.4	917.7	991.0	1095	1189	20- 30	1070	2621	25.8,25.8
40	67.23	70.93	53.57	56.83	46.44	62.40	63.13	77.13	30- 40	244.9	2866	28.2,28.2
50	0.7077	1.092	0.5216	0.8094	0.5914	1.132	0.7410	1.549	40- 50	11.36	2878	28.3,28.3
60	0.2496	0.2283	0.1289	0.2238	0.2299	0.2881	0.2664	0.3056	50- 60	0.3919	2878	28.3,28.3
70	0.1996	0.1552	0.1291	0.1452	0.2265	0.2214	0.1632	0.2192	60- 70	0.1984	2878	28.3,28.3
80	0.2252	0.1444	0.1189	0.1452	0.3181	0.2208	0.1498	0.3242	70- 80	0.2000	2879	28.3,28.3
90	0.4381	0.2695	0.1203	0.3882	0.5498	0.7974	3.906	1.379	80- 90	0.3603	2879	28.3,28.3
100	121.7	194.7	185.0	101.9	60.36	101.7	199.1	203.4	90-100	43.99	2923	28.8,28.8
110	704.7	675.3	646.5	574.6	545.2	586.6	692.2	712.5	100-110	404.0	3327	32.7,32.7
120	1219	1175	1156	1092	1075	1114	1220	1230	110-120	893.0	4220	41.5,41.5
130	1662	1613	1587	1548	1552	1577	1656	1670	120-130	1243	5463	53.7,53.7
140	2005	1959	1934	1912	1925	1941	1997	2012	130-140	1383	6846	67.3,67.3
150	2256	2216	2199	2187	2199	2208	2249	2262	140-150	1314	8161	80.3,80.3
160	2425	2391	2382	2377	2390	2387	2415	2426	150-160	1070	9230	90.8,90.8
170	2523	2493	2491	2493	2506	2494	2510	2519	160-170	694.6	9925	97.6,97.6
180	2550	2550	2550	2550	2550	2550	2550	2550	170-180	240.6	10165	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:2022-11-14

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:

LUMINANCE LIMITATION CURVES

Test:U:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	86	41
80	41	22
75	26	15
70	18	12
65	15	10
60	16	8
55	23	15
50	35	26
45	238	161

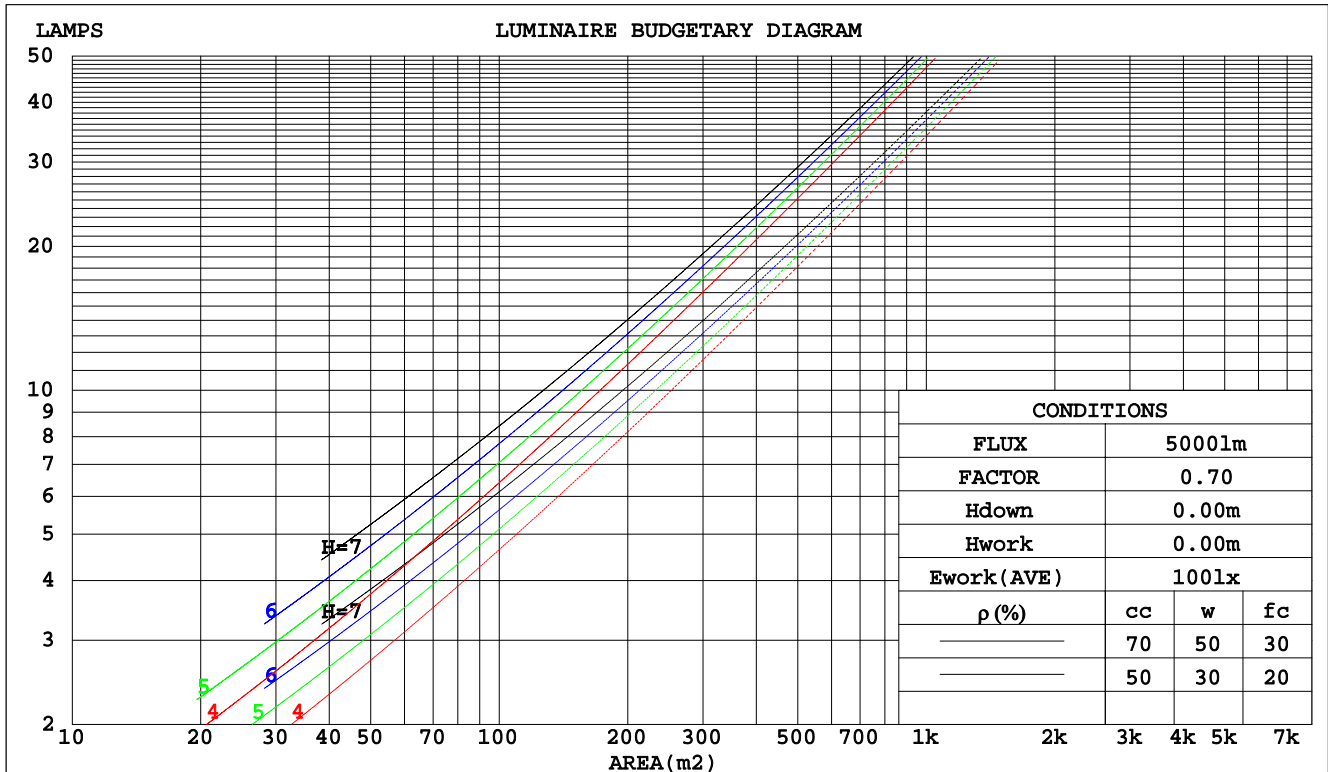
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	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	1.02	1.02	1.02	.91	.91	.91	.71	.71	.71	.53	.53	.53	.36	.36	.36	.28
1.0	.91	.88	.85	.82	.79	.77	.65	.63	.61	.49	.48	.47	.34	.34	.33	.27
2.0	.81	.76	.72	.74	.69	.66	.59	.56	.54	.45	.44	.42	.32	.32	.31	.26
3.0	.73	.67	.63	.67	.62	.58	.54	.50	.48	.42	.40	.38	.31	.30	.29	.24
4.0	.67	.60	.55	.61	.55	.51	.49	.46	.43	.39	.37	.35	.29	.28	.27	.23
5.0	.61	.54	.49	.55	.50	.45	.45	.42	.39	.36	.34	.32	.28	.26	.25	.22
6.0	.55	.49	.44	.51	.45	.41	.42	.38	.35	.34	.31	.29	.26	.25	.24	.21
7.0	.51	.44	.40	.47	.41	.37	.39	.35	.32	.32	.29	.27	.25	.23	.22	.20
8.0	.47	.41	.36	.43	.38	.34	.36	.32	.30	.30	.27	.25	.24	.22	.21	.19
9.0	.44	.37	.33	.40	.35	.31	.34	.30	.27	.28	.26	.24	.23	.21	.20	.18
10.0	.41	.35	.30	.38	.32	.29	.32	.28	.25	.27	.24	.22	.22	.20	.19	.17



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 1056*64*35			SERIAL No.:		
MFR.: A2882310-04			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	.229	.130	.041	.201	.114	.036	.147	.084	.027	.098	.057	.018	.053	.031	.010		
2.0	.212	.116	.036	.186	.102	.032	.137	.076	.024	.092	.052	.016	.051	.029	.009		
3.0	.196	.105	.031	.173	.093	.028	.128	.069	.021	.087	.048	.015	.049	.027	.008		
4.0	.183	.095	.028	.161	.084	.025	.120	.064	.019	.082	.044	.013	.047	.025	.008		
5.0	.171	.087	.025	.151	.077	.023	.113	.059	.017	.078	.041	.012	.045	.024	.007		
6.0	.160	.080	.023	.142	.072	.021	.107	.055	.016	.074	.038	.011	.043	.023	.007		
7.0	.150	.074	.021	.133	.066	.019	.101	.051	.015	.070	.036	.010	.041	.022	.006		
8.0	.142	.069	.019	.126	.062	.018	.095	.048	.014	.067	.034	.010	.040	.020	.006		
9.0	.134	.065	.018	.119	.058	.016	.091	.045	.013	.064	.032	.009	.038	.019	.006		
10.0	.127	.061	.017	.113	.055	.015	.086	.042	.012	.061	.030	.009	.037	.019	.005		

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	.737	.737	.737	.630	.630	.630	.430	.430	.430	.247	.247	.247	.079	.079	.079		
1.0	.725	.708	.691	.621	.607	.595	.425	.418	.412	.244	.242	.239	.078	.078	.077		
2.0	.716	.687	.662	.613	.591	.572	.420	.409	.399	.242	.238	.234	.078	.077	.076		
3.0	.708	.671	.642	.607	.579	.557	.416	.402	.390	.241	.235	.230	.077	.076	.075		
4.0	.700	.659	.628	.601	.570	.546	.413	.397	.384	.239	.233	.227	.077	.076	.075		
5.0	.694	.650	.618	.596	.562	.537	.410	.393	.379	.238	.231	.225	.077	.075	.074		
6.0	.688	.643	.610	.591	.556	.531	.408	.390	.376	.237	.229	.223	.076	.075	.074		
7.0	.682	.636	.605	.587	.552	.527	.405	.387	.373	.235	.228	.222	.076	.075	.073		
8.0	.677	.631	.600	.583	.548	.523	.403	.385	.371	.235	.227	.221	.076	.074	.073		
9.0	.672	.627	.597	.579	.544	.521	.401	.383	.370	.234	.226	.220	.076	.074	.073		
10.0	.668	.623	.594	.575	.541	.518	.399	.381	.368	.233	.225	.220	.076	.074	.073		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm												
NAME:					TYPE:			WEIGHT:				
SPEC.:					DIM.: 1056*64*35			SERIAL No.:				
MFR.: A2882310-04					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	4.4	5.1	5.5	6.1	7.4	3.8	4.5	4.9	5.5	6.9		
	3H	4.1	4.6	5.1	5.7	7.1	3.5	4.1	4.6	5.1	6.5	
	4H	3.9	4.4	5.0	5.5	6.9	3.3	3.8	4.4	4.9	6.3	
	6H	3.7	4.2	4.8	5.2	6.7	3.1	3.6	4.2	4.7	6.1	
	8H	3.6	4.1	4.7	5.1	6.6	3.0	3.5	4.1	4.5	6.0	
	12H	3.5	3.9	4.6	5.0	6.5	2.9	3.4	4.0	4.4	5.9	
	4H	2H	3.9	4.4	5.0	5.5	6.9	3.3	3.8	4.4	4.9	6.3
		3H	3.5	3.9	4.6	5.0	6.5	2.9	3.4	4.0	4.4	5.9
		4H	3.3	3.7	4.4	4.8	6.3	2.7	3.1	3.8	4.2	5.7
		6H	3.1	3.4	4.2	4.5	6.1	2.5	2.8	3.6	3.9	5.5
		8H	3.0	3.3	4.1	4.4	5.9	2.4	2.7	3.5	3.8	5.4
		12H	2.9	3.2	4.0	4.3	5.8	2.3	2.6	3.4	3.7	5.2
8H	4H	3.0	3.3	4.1	4.4	5.9	2.4	2.7	3.5	3.8	5.4	
	6H	2.8	3.0	3.9	4.2	5.7	2.2	2.4	3.3	3.6	5.1	
	8H	2.6	2.9	3.8	4.0	5.6	2.1	2.3	3.2	3.4	5.0	
	12H	2.5	2.7	3.7	3.9	5.5	1.9	2.1	3.1	3.3	4.9	
12H	4H	2.9	3.2	4.0	4.3	5.8	2.3	2.6	3.4	3.7	5.2	
	6H	2.6	2.9	3.8	4.0	5.6	2.1	2.3	3.2	3.4	5.0	
	8H	2.5	2.7	3.7	3.9	5.5	1.9	2.1	3.1	3.3	4.9	
Variations with the observer position at spacings:												
S = 1.0H	+ 5.1 / -23.3					+ 4.9 / -24.3						
1.5H	+ 7.9 / -23.1					+ 7.7 / -24.0						
2.0H	+ 6.5 / - 3.7					+ 6.0 / - 3.4						

CIE Pub.117, 10165 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.1)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:

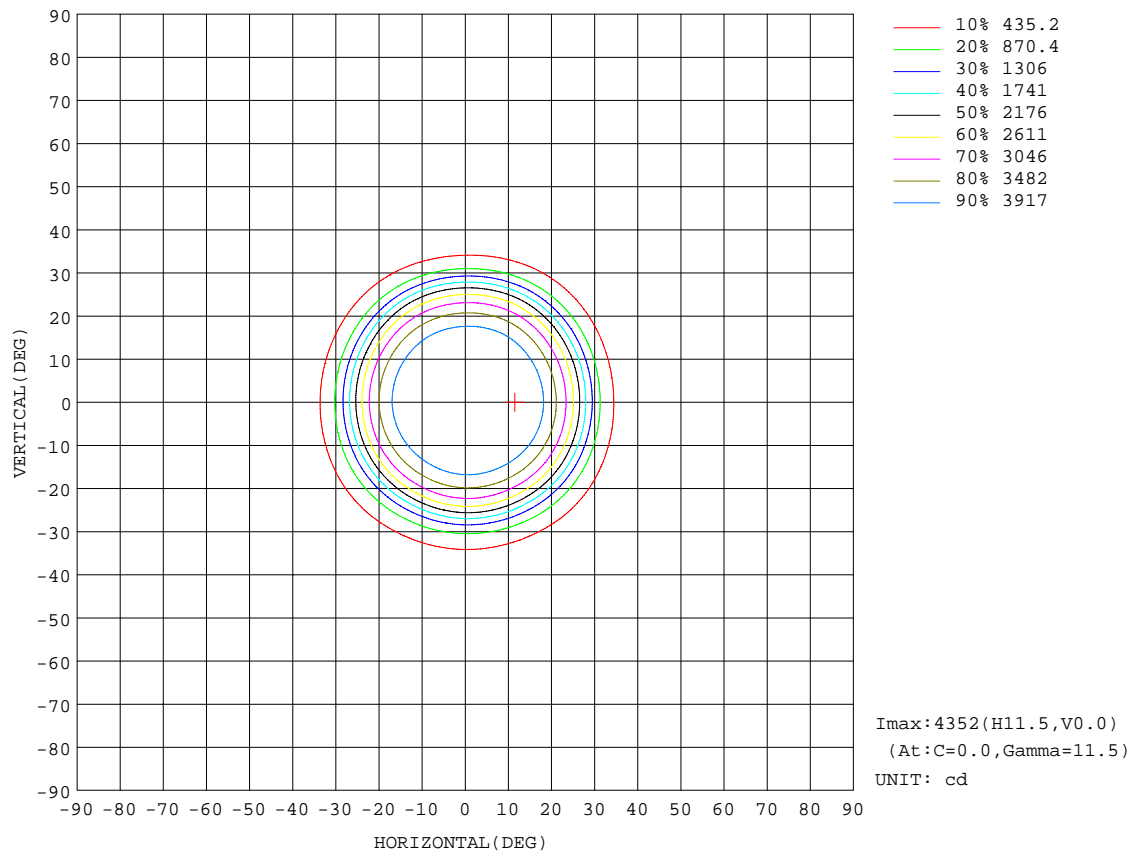
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	39	34	44	37	32	39	33	30	22
0.80	56	46	41	52	44	39	44	38	35	24
1.00	62	52	46	57	49	44	48	42	38	25
1.25	68	59	52	62	54	49	51	46	42	26
1.50	73	63	57	66	58	53	54	49	45	27
2.00	78	70	64	71	64	59	58	53	50	27
2.50	82	75	69	74	68	64	60	56	53	27
3.00	85	79	73	77	71	67	62	58	55	28
4.00	89	84	79	80	76	72	64	61	59	28
5.00	92	87	83	82	79	75	65	63	61	28
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:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:

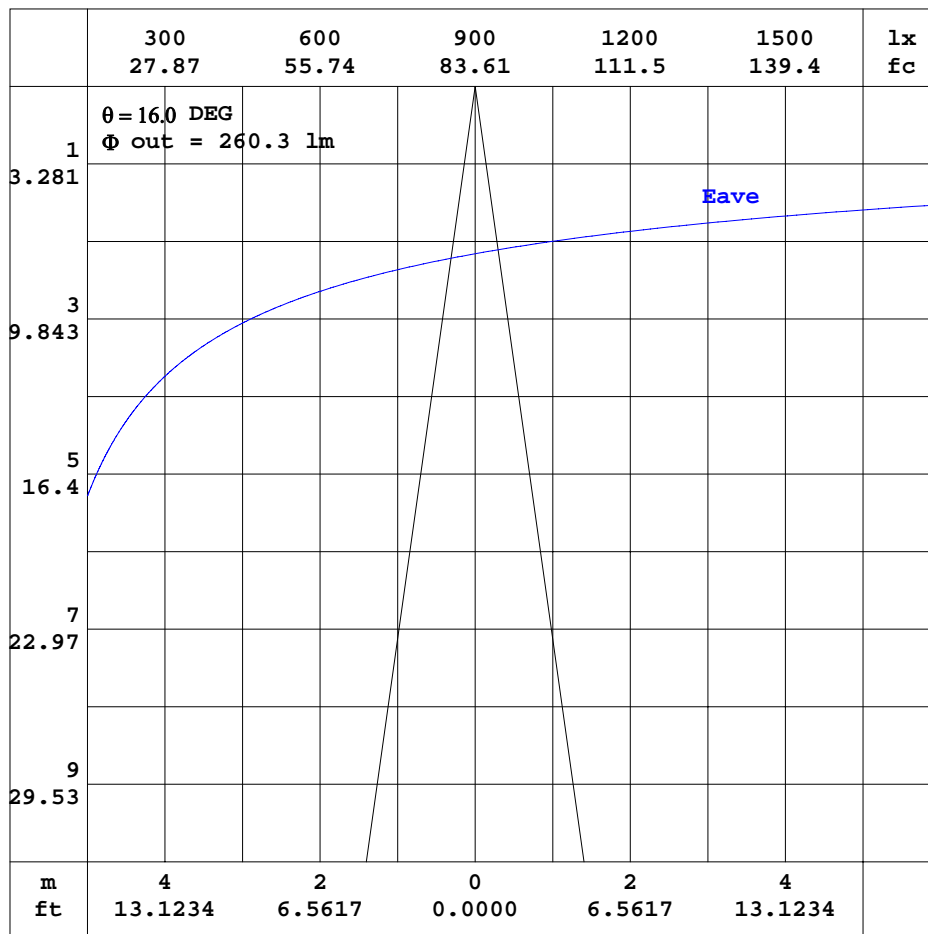


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:



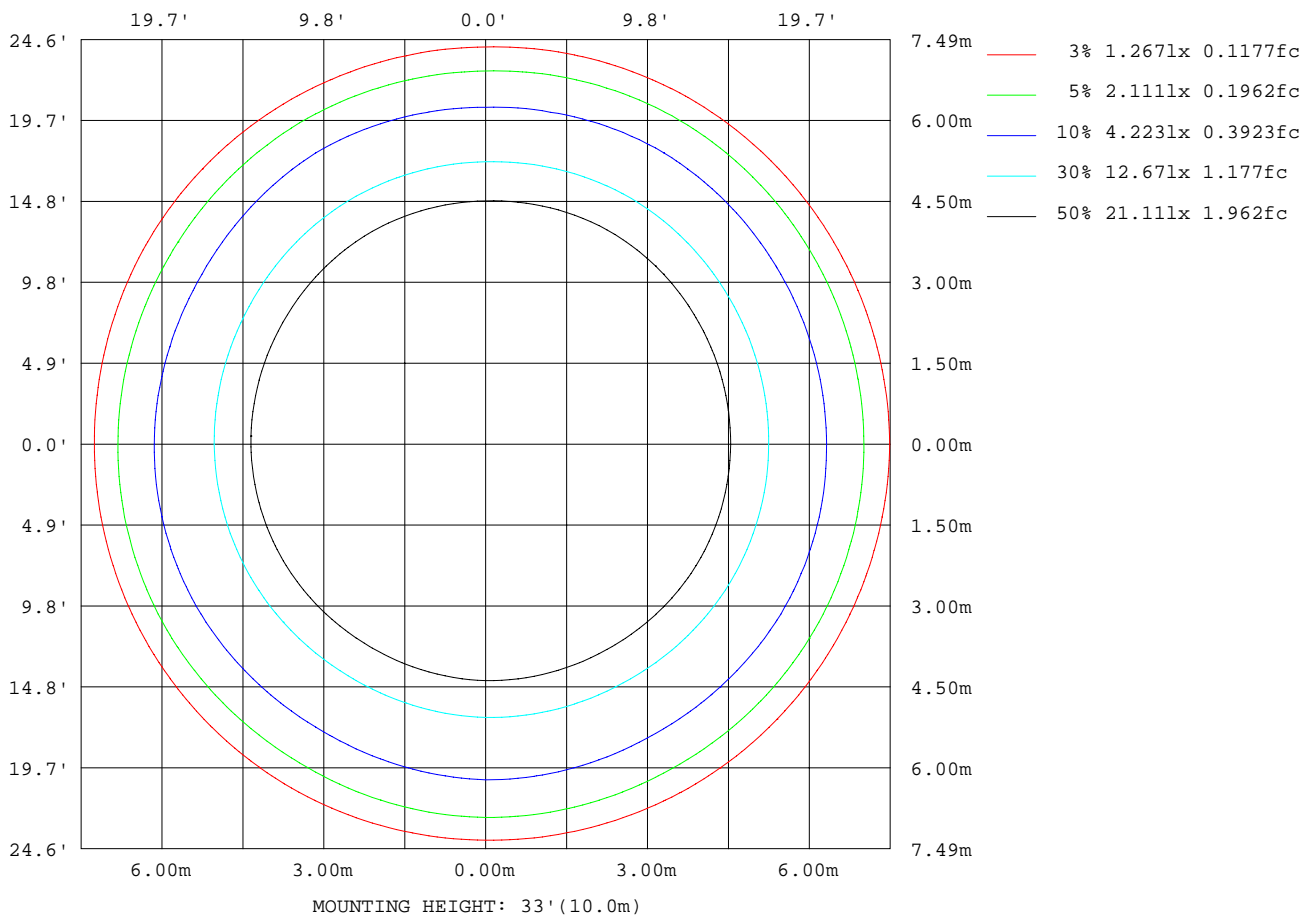
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: A2882310-04	SUR.:0.635*0.05	Shielding Angle:

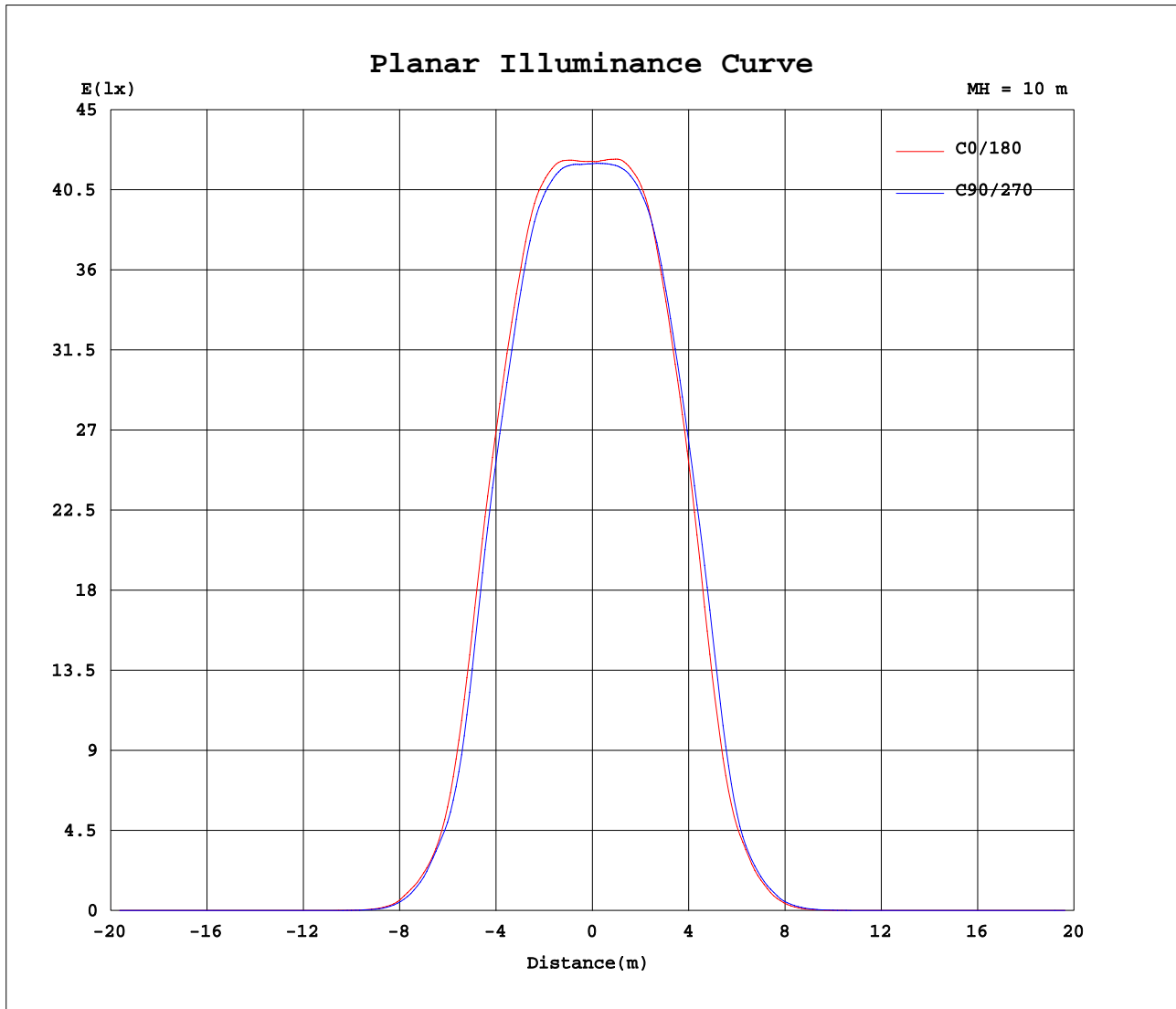
AvgL	cd/m2
L_0~180(65)av	16
L_0~180(75)av	28
L_0~180(85)av	116
L_90~270(65)av	12
L_90~270(75)av	17
L_90~270(85)av	47
L_45(65)av	15
L_45(75)av	23
L_45(85)av	123

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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: 2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1056*64*35					SERIAL No.:				
MFR.: A2882310-04									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	4211	4210	4209	4208	4207	4207	4206	4205	4204	4203	4203	4202	4201	4201	4200	4199	4198	4198	4197
5	4266	4263	4261	4259	4257	4255	4254	4252	4251	4249	4248	4247	4246	4244	4242	4241	4240	4238	4238
10	4349	4347	4344	4342	4338	4335	4331	4325	4320	4314	4309	4303	4298	4293	4288	4284	4281	4278	4276
15	4240	4236	4231	4226	4219	4212	4204	4194	4183	4172	4161	4150	4140	4133	4127	4122	4117	4112	4108
20	3661	3657	3652	3645	3637	3627	3615	3599	3582	3564	3546	3529	3512	3501	3492	3483	3475	3468	3461
25	2639	2633	2626	2617	2605	2592	2577	2556	2533	2510	2487	2464	2442	2429	2416	2405	2393	2382	2370
30	1158	1152	1145	1137	1127	1116	1104	1087	1070	1053	1035	1018	1003	993	985	977	970	964	957
35	386	386	385	384	383	381	379	375	372	368	364	360	356	354	352	350	347	345	343
40	67.2	69.4	71.2	72.5	73.4	73.9	74.0	73.3	72.3	70.9	69.3	67.5	65.6	63.3	61.0	58.9	56.8	55.0	53.6
45	5.34	7.06	8.51	9.69	10.6	11.2	11.6	11.5	11.2	10.6	9.94	9.14	8.27	7.33	6.40	5.52	4.73	4.08	3.60
50	0.71	0.83	0.93	1.01	1.07	1.12	1.15	1.14	1.13	1.09	1.05	0.99	0.93	0.85	0.77	0.69	0.62	0.57	0.52
55	0.41	0.40	0.39	0.39	0.38	0.38	0.38	0.38	0.39	0.40	0.41	0.41	0.41	0.39	0.36	0.33	0.31	0.28	0.27
60	0.25	0.23	0.21	0.20	0.19	0.19	0.19	0.20	0.21	0.23	0.24	0.25	0.26	0.24	0.22	0.19	0.17	0.14	0.13
65	0.20	0.20	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.15	0.14	0.14	0.13
70	0.20	0.20	0.19	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13
75	0.21	0.20	0.19	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13	0.12	0.12	0.12
80	0.23	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.15	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12
85	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.15	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.11	0.11
90	0.44	0.44	0.44	0.43	0.42	0.41	0.39	0.35	0.31	0.27	0.23	0.19	0.15	0.14	0.13	0.12	0.12	0.12	0.12
95	8.54	11.5	14.2	16.7	19.1	21.2	23.1	24.6	25.9	27.1	28.3	29.4	30.6	33.2	35.6	37.8	39.5	40.7	41.0
100	122	134	145	156	165	173	180	186	191	195	198	199	200	200	199	196	193	190	185
105	438	435	433	430	428	426	424	423	422	421	420	418	416	414	411	407	403	398	393
110	705	699	694	690	686	682	679	678	676	675	674	673	671	668	665	661	657	652	646
115	965	959	954	949	944	940	937	934	932	929	928	926	924	923	921	919	917	914	911
120	1219	1213	1208	1202	1197	1192	1188	1183	1179	1175	1172	1169	1166	1164	1163	1161	1160	1158	1156
125	1453	1448	1442	1437	1432	1427	1421	1416	1410	1405	1400	1395	1391	1389	1388	1386	1385	1383	1381
130	1662	1657	1652	1646	1641	1635	1630	1624	1618	1613	1608	1603	1598	1596	1594	1592	1590	1588	1587
135	1846	1840	1834	1828	1823	1817	1812	1807	1802	1798	1793	1789	1785	1782	1780	1777	1775	1772	1770
140	2005	1998	1992	1986	1980	1975	1970	1966	1963	1959	1956	1953	1950	1947	1944	1942	1939	1937	1934
145	2141	2134	2127	2121	2116	2111	2107	2104	2101	2099	2097	2095	2093	2090	2087	2085	2082	2079	2077
150	2256	2248	2242	2236	2230	2226	2222	2219	2218	2216	2215	2214	2213	2211	2208	2206	2204	2201	2199
155	2350	2343	2336	2330	2325	2321	2318	2316	2314	2313	2312	2312	2311	2310	2308	2306	2304	2302	2300
160	2425	2418	2412	2406	2402	2398	2394	2393	2392	2391	2390	2390	2390	2389	2387	2386	2384	2383	2382
165	2483	2476	2470	2465	2461	2457	2454	2452	2451	2450	2450	2450	2450	2449	2448	2447	2446	2445	2444
170	2523	2516	2511	2506	2502	2499	2496	2495	2494	2493	2493	2494	2494	2493	2493	2492	2492	2491	2491
175	2546	2540	2534	2530	2526	2523	2521	2520	2519	2519	2520	2520	2521	2521	2521	2521	2521	2521	2521
180	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1056*64*35					SERIAL No.:				
MFR.: A2882310-04									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	4196	4195	4194	4193	4192	4191	4190	4189	4188	4188	4188	4189	4192	4196	4200	4204	4207	4211	4211
5	4238	4239	4240	4241	4242	4244	4244	4244	4244	4245	4245	4247	4251	4255	4259	4263	4267	4270	4270
10	4276	4277	4278	4280	4283	4285	4287	4289	4292	4294	4298	4301	4307	4313	4318	4324	4328	4332	4332
15	4102	4097	4092	4087	4083	4081	4080	4081	4083	4086	4089	4093	4098	4104	4110	4116	4122	4127	4129
20	3451	3442	3433	3426	3420	3415	3415	3417	3421	3425	3431	3437	3443	3450	3456	3463	3470	3476	3480
25	2349	2328	2308	2289	2271	2256	2251	2249	2249	2251	2255	2260	2263	2267	2271	2277	2284	2292	2301
30	946	935	924	914	906	899	899	900	902	906	910	914	914	915	915	916	917	918	919
35	339	334	330	325	322	318	317	317	317	318	318	319	318	317	315	314	313	312	311
40	53.5	53.8	54.3	54.9	55.7	56.4	56.7	56.8	56.8	56.7	56.3	55.8	54.0	52.2	50.4	48.8	47.4	46.4	47.3
45	3.89	4.36	4.94	5.60	6.28	6.93	7.26	7.51	7.66	7.71	7.65	7.48	6.75	5.95	5.16	4.44	3.84	3.45	4.02
50	0.55	0.59	0.64	0.69	0.75	0.80	0.81	0.81	0.81	0.80	0.78	0.76	0.72	0.69	0.65	0.62	0.60	0.59	0.64
55	0.28	0.30	0.33	0.36	0.38	0.41	0.40	0.39	0.38	0.37	0.36	0.34	0.33	0.32	0.32	0.32	0.32	0.33	0.36
60	0.14	0.17	0.19	0.21	0.24	0.26	0.25	0.24	0.22	0.21	0.19	0.18	0.18	0.19	0.19	0.20	0.22	0.23	0.25
65	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.20	0.21	0.22	0.23
70	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.23	0.23
75	0.12	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.16	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26
80	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.17	0.20	0.23	0.25	0.28	0.30	0.32	0.32
85	0.11	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.17	0.18	0.20	0.22	0.25	0.28	0.32	0.35	0.38	0.40	0.43
90	0.12	0.12	0.13	0.15	0.17	0.20	0.26	0.32	0.39	0.45	0.51	0.57	0.56	0.55	0.54	0.53	0.53	0.55	0.68
95	37.9	34.0	29.7	25.1	20.5	16.1	13.7	11.7	10.1	8.88	7.94	7.28	6.92	6.76	6.74	6.83	6.97	7.12	6.64
100	180	175	169	162	154	145	131	116	102	87.9	74.9	63.6	59.6	57.4	56.7	57.2	58.5	60.4	58.4
105	386	379	372	364	355	347	337	328	318	310	301	294	290	287	284	283	283	283	285
110	641	636	630	623	616	608	597	586	575	564	554	546	543	541	540	541	543	545	547
115	907	901	896	889	882	874	862	849	837	825	814	805	803	802	803	804	807	811	813
120	1152	1148	1143	1137	1131	1124	1113	1103	1092	1082	1073	1065	1063	1063	1065	1067	1071	1075	1077
125	1378	1374	1370	1365	1360	1354	1346	1338	1331	1324	1317	1312	1312	1313	1315	1318	1321	1325	1328
130	1583	1579	1575	1571	1567	1563	1558	1553	1548	1544	1541	1538	1539	1540	1543	1545	1548	1552	1554
135	1767	1764	1760	1757	1754	1751	1747	1744	1742	1739	1738	1737	1738	1740	1743	1745	1748	1751	1753
140	1931	1928	1926	1923	1921	1918	1916	1914	1912	1911	1910	1910	1912	1914	1916	1919	1922	1925	1926
145	2075	2072	2070	2069	2067	2065	2063	2062	2060	2059	2059	2058	2060	2063	2065	2068	2071	2073	2074
150	2198	2196	2195	2193	2192	2191	2189	2188	2187	2186	2185	2185	2187	2189	2192	2194	2197	2199	2199
155	2299	2298	2297	2297	2296	2295	2294	2293	2292	2292	2291	2291	2293	2295	2298	2300	2302	2304	2304
160	2381	2380	2380	2379	2379	2379	2378	2378	2377	2377	2377	2378	2380	2382	2384	2387	2389	2390	2389
165	2444	2444	2444	2444	2444	2444	2444	2444	2444	2444	2444	2445	2447	2449	2452	2454	2455	2456	2455
170	2491	2491	2491	2491	2492	2492	2492	2493	2493	2493	2494	2495	2497	2499	2502	2503	2505	2506	2504
175	2521	2522	2522	2523	2523	2524	2524	2525	2526	2527	2527	2528	2530	2532	2534	2536	2537	2537	2535
180	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1056*64*35					SERIAL No.:				
MFR.: A2882310-04									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	4211	4210	4209	4207	4206	4205	4204	4203	4203	4202	4201	4201	4200	4199	4198	4198	4197	4196	4195
5	4270	4269	4267	4265	4263	4261	4258	4255	4253	4250	4247	4245	4244	4242	4240	4239	4238	4237	4237
10	4331	4330	4327	4324	4321	4317	4313	4310	4306	4302	4299	4296	4294	4292	4290	4289	4289	4289	4290
15	4130	4130	4131	4132	4133	4136	4140	4143	4147	4151	4155	4156	4157	4158	4160	4161	4164	4169	4174
20	3484	3487	3491	3496	3501	3510	3520	3530	3541	3551	3560	3566	3570	3575	3580	3585	3591	3602	3613
25	2312	2324	2338	2354	2373	2398	2426	2454	2482	2509	2534	2549	2563	2575	2586	2596	2606	2623	2640
30	921	924	928	934	942	957	974	991	1009	1026	1043	1053	1061	1070	1078	1086	1095	1112	1130
35	310	309	309	310	311	315	319	323	328	333	337	339	341	342	344	345	348	352	357
40	48.6	50.3	52.2	54.3	56.5	58.6	60.6	62.4	64.1	65.5	66.6	66.1	65.4	64.6	63.9	63.3	63.1	65.1	67.5
45	4.79	5.72	6.73	7.78	8.81	9.56	10.2	10.7	11.1	11.3	11.3	10.4	9.36	8.28	7.28	6.45	5.88	6.85	8.08
50	0.69	0.76	0.83	0.90	0.98	1.04	1.09	1.13	1.16	1.18	1.19	1.11	1.02	0.93	0.84	0.78	0.74	0.85	0.98
55	0.39	0.43	0.46	0.49	0.52	0.51	0.49	0.47	0.45	0.43	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.41	0.41
60	0.28	0.30	0.32	0.33	0.34	0.33	0.31	0.29	0.26	0.24	0.22	0.22	0.23	0.24	0.25	0.26	0.27	0.26	0.26
65	0.23	0.24	0.24	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.21	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.18
70	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.22	0.21	0.20	0.19	0.19	0.18	0.17	0.17	0.17	0.16	0.16	0.16
75	0.26	0.26	0.26	0.26	0.26	0.25	0.23	0.22	0.21	0.19	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.15
80	0.31	0.30	0.29	0.27	0.26	0.25	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.15	0.14
85	0.44	0.46	0.46	0.46	0.46	0.42	0.38	0.33	0.29	0.24	0.20	0.18	0.16	0.15	0.15	0.15	0.15	0.13	0.13
90	0.82	0.96	1.09	1.19	1.25	1.13	0.98	0.80	0.61	0.42	0.24	0.18	0.14	0.12	0.12	0.13	3.91	0.11	0.08
95	6.18	5.79	5.55	5.50	5.70	6.37	7.37	8.75	10.5	12.7	15.4	20.2	25.3	30.3	35.1	39.3	42.8	42.6	41.7
100	56.9	56.2	56.8	58.9	63.0	74.3	87.4	102	117	132	147	158	168	178	186	193	199	203	206
105	287	290	293	298	303	309	316	323	332	341	350	362	373	385	397	408	418	425	430
110	549	553	556	561	566	572	579	587	595	604	614	628	641	655	668	681	692	699	705
115	815	818	821	825	830	837	845	853	862	872	883	898	913	928	942	956	968	974	979
120	1080	1083	1086	1090	1095	1101	1107	1114	1122	1131	1140	1154	1168	1182	1196	1209	1220	1225	1229
125	1330	1333	1336	1340	1344	1347	1352	1356	1362	1368	1376	1388	1401	1414	1427	1439	1450	1454	1457
130	1556	1559	1562	1565	1568	1570	1573	1577	1581	1586	1592	1602	1613	1625	1636	1646	1656	1659	1661
135	1755	1757	1759	1761	1763	1766	1768	1771	1775	1780	1785	1793	1803	1812	1821	1830	1838	1841	1843
140	1927	1928	1929	1931	1932	1935	1938	1941	1945	1949	1954	1961	1969	1976	1984	1991	1997	2000	2002
145	2074	2075	2075	2076	2077	2079	2082	2086	2090	2094	2099	2105	2111	2117	2123	2129	2134	2136	2138
150	2199	2198	2198	2198	2199	2201	2204	2208	2212	2216	2220	2225	2230	2235	2240	2244	2249	2251	2253
155	2303	2302	2301	2300	2300	2302	2305	2308	2311	2315	2319	2323	2327	2331	2335	2339	2342	2344	2346
160	2387	2386	2384	2383	2382	2383	2385	2387	2390	2393	2397	2400	2403	2406	2409	2412	2415	2416	2418
165	2453	2451	2448	2446	2445	2446	2447	2449	2451	2454	2457	2459	2461	2464	2466	2469	2471	2472	2474
170	2501	2498	2495	2493	2491	2491	2492	2494	2496	2498	2500	2502	2503	2505	2507	2509	2510	2511	2513
175	2531	2528	2525	2522	2519	2519	2519	2520	2522	2523	2525	2526	2527	2528	2529	2530	2532	2532	2533
180	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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:229.70V I:0.3362A P:75.510W PF:0.9778 Freq:49.99Hz Lamp Flux:10165.3x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1056*64*35						SERIAL No.:		
MFR.: A2882310-04									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	4194	4193	4192	4191	4190	4189	4188	4188	4188	4189	4191	4193	4197	4201	4205				
5	4236	4236	4236	4236	4236	4236	4237	4237	4239	4240	4243	4246	4250	4255	4260				
10	4292	4294	4297	4300	4303	4306	4309	4313	4317	4321	4325	4330	4334	4339	4344				
15	4180	4187	4193	4199	4202	4206	4209	4211	4214	4217	4220	4224	4228	4232	4236				
20	3625	3636	3646	3655	3658	3659	3659	3658	3656	3655	3655	3656	3657	3658	3659				
25	2656	2670	2682	2692	2691	2687	2682	2675	2667	2658	2654	2650	2647	2644	2641				
30	1147	1163	1178	1190	1192	1191	1189	1184	1179	1173	1171	1168	1166	1163	1161				
35	363	368	373	377	379	380	381	382	382	382	383	383	384	385	385				
40	70.0	72.5	74.9	77.0	77.4	77.4	77.1	76.5	75.7	74.6	73.8	72.7	71.6	70.3	68.8				
45	9.48	10.9	12.3	13.6	14.0	14.1	14.0	13.7	13.2	12.5	11.7	10.8	9.68	8.40	6.95				
50	1.13	1.28	1.42	1.55	1.57	1.57	1.55	1.51	1.44	1.37	1.29	1.20	1.10	0.98	0.85				
55	0.40	0.40	0.39	0.40	0.41	0.43	0.46	0.48	0.49	0.51	0.51	0.50	0.49	0.47	0.44				
60	0.25	0.25	0.25	0.25	0.27	0.29	0.31	0.32	0.34	0.35	0.35	0.34	0.33	0.31	0.28				
65	0.18	0.18	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.25	0.25	0.24	0.23	0.22				
70	0.16	0.17	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.25	0.25	0.24	0.23	0.22				
75	0.16	0.16	0.17	0.18	0.19	0.21	0.23	0.25	0.26	0.27	0.27	0.27	0.26	0.25	0.23				
80	0.15	0.15	0.16	0.18	0.23	0.28	0.32	0.37	0.41	0.44	0.43	0.42	0.39	0.35	0.29				
85	0.13	0.14	0.17	0.22	0.38	0.55	0.71	0.87	1.00	1.09	1.07	1.00	0.88	0.71	0.50				
90	0.08	0.11	0.17	0.27	0.63	1.00	1.38	1.73	2.02	2.24	2.20	2.06	1.81	1.46	1.00				
95	40.0	37.9	35.4	32.8	31.5	30.3	28.9	27.6	26.0	24.4	22.2	19.9	17.4	14.6	11.7				
100	208	209	209	208	206	203	200	195	189	181	172	161	149	136					
105	435	439	441	443	444	444	443	442	441	440	439	439	439	439	438				
110	710	713	715	716	715	714	713	710	708	706	705	705	704	704	704				
115	982	984	985	984	983	981	978	975	972	969	968	967	966	965	965				
120	1231	1232	1232	1232	1231	1231	1230	1229	1227	1226	1225	1224	1223	1222	1220				
125	1458	1459	1459	1458	1460	1461	1462	1463	1464	1464	1463	1462	1461	1459	1456				
130	1662	1662	1662	1662	1665	1667	1670	1672	1674	1676	1675	1674	1672	1670	1666				
135	1844	1844	1844	1845	1848	1851	1854	1856	1858	1860	1859	1858	1856	1854	1850				
140	2003	2004	2005	2005	2008	2010	2012	2014	2016	2017	2017	2016	2014	2012	2009				
145	2140	2141	2142	2143	2145	2146	2148	2149	2150	2151	2150	2149	2148	2146	2144				
150	2254	2256	2257	2258	2259	2261	2262	2263	2263	2264	2263	2263	2262	2260	2258				
155	2347	2348	2349	2350	2351	2352	2353	2354	2355	2355	2355	2355	2355	2354	2351				
160	2419	2421	2422	2423	2424	2425	2426	2427	2428	2428	2428	2428	2428	2427	2426				
165	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2484	2484	2484	2484	2483				
170	2514	2515	2516	2517	2518	2519	2519	2520	2521	2522	2522	2522	2523	2523	2523				
175	2534	2535	2536	2537	2538	2539	2539	2540	2541	2542	2543	2543	2544	2545	2545				
180	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-11-14

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: