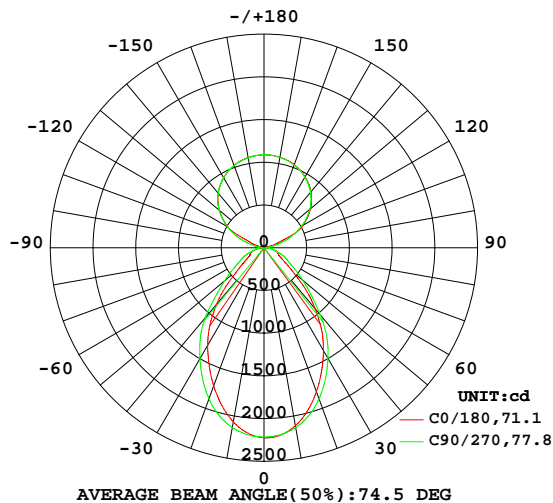


LUMINAIRE PHOTOMETRIC TEST REPORT

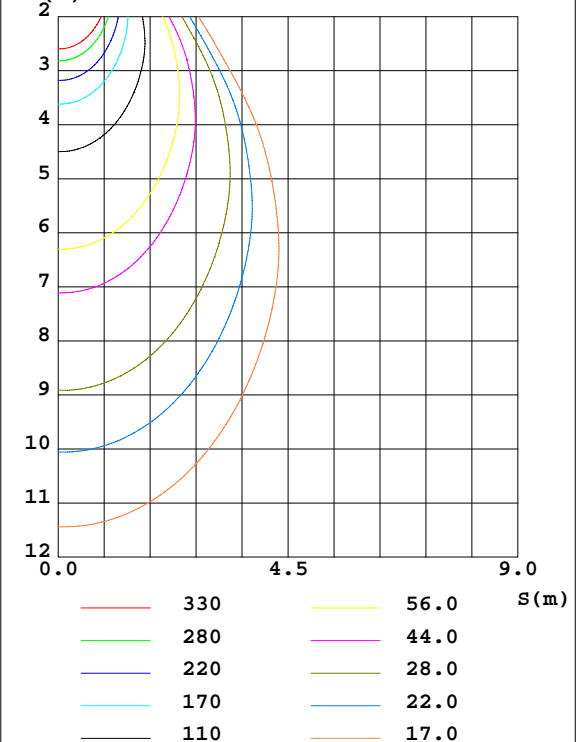
Test:U:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.24 lm/W			
MODEL		Imax(cd)	2225	S/MH(C0/180)	0.95
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.05
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	6669.6	η UP,DN(C0-180)	23.2,26.9
NOMINAL FLUX(lm)	6669.55	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.0,26.8
LAMPS INSIDE	1	η up(%)	46.2	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230.0	η down(%)	53.8	CIBSE SHR MAX	1.15

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:2023-09-27

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:

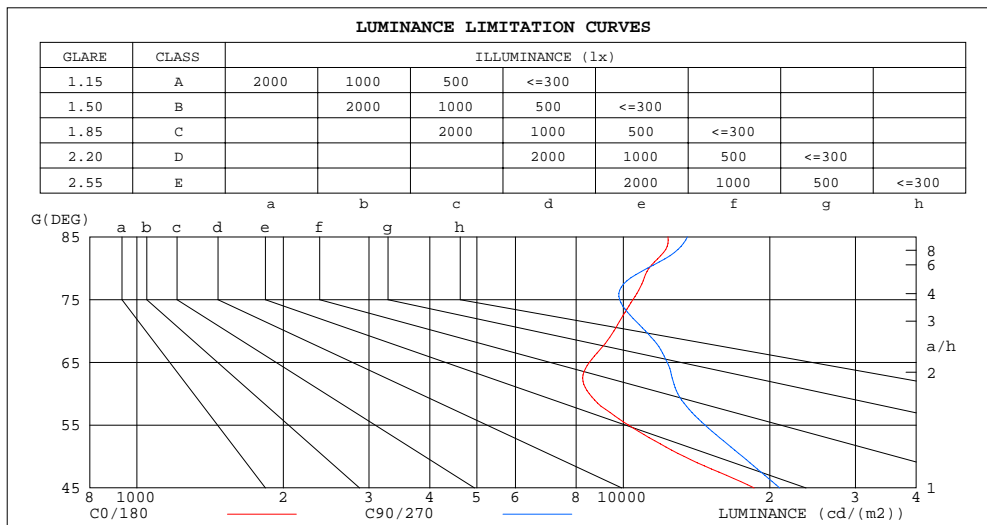
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2115	2128	2136	2098	2070	2095	2136	2121	0- 10	206.6	206.6	3.1,3.1
20	1793	1844	1884	1794	1722	1786	1882	1833	10- 20	555.9	762.5	11.4,11.4
30	1392	1450	1498	1398	1319	1392	1500	1444	20- 30	745.8	1508	22.6,22.6
40	933.3	969.3	1027	929.6	862.4	949.8	1072	1015	30- 40	753.9	2262	33.9,33.9
50	450.0	515.9	593.1	492.0	391.5	479.4	602.7	531.1	40- 50	551.1	2813	42.2,42.2
60	223.4	296.1	339.7	288.1	200.9	280.9	335.7	302.9	50- 60	331.6	3145	47.2,47.2
70	171.8	206.1	199.4	194.9	158.3	189.9	200.7	200.7	60- 70	229.7	3375	50.6,50.6
80	102.9	110.9	102.2	99.38	88.12	100.1	104.8	110.0	70- 80	154.0	3529	52.9,52.9
90	5.679	4.553	3.179	1.572	2.526	2.569	3.505	4.338	80- 90	57.29	3586	53.8,53.8
100	28.05	28.36	81.08	19.98	22.95	19.64	75.87	28.65	90-100	20.00	3606	54.1,54.1
110	178.6	297.7	284.5	255.5	151.3	260.9	276.5	286.7	100-110	130.9	3737	56,56
120	523.4	523.0	507.0	487.2	485.3	490.6	496.0	504.8	110-120	372.0	4109	61.6,61.6
130	710.4	709.5	699.3	684.0	681.8	685.2	685.4	697.1	120-130	538.1	4647	69.7,69.7
140	853.1	854.8	847.7	838.2	832.8	834.1	834.8	845.5	130-140	596.2	5243	78.6,78.6
150	961.8	964.7	956.3	952.2	945.6	948.8	946.8	957.4	140-150	565.1	5808	87.1,87.1
160	1036	1037	1032	1029	1026	1027	1024	1031	150-160	459.7	6268	94,94
170	1075	1077	1076	1074	1072	1074	1068	1074	160-170	298.4	6566	98.5,98.5
180	1087	1087	1087	1087	1087	1087	1087	1087	170-180	103.3	6670	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:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	12357	13542
80	11291	11207
75	10465	9828
70	9566	11105
65	8514	12304
60	8510	12939
55	10246	14721
50	13336	17576
45	18571	20965

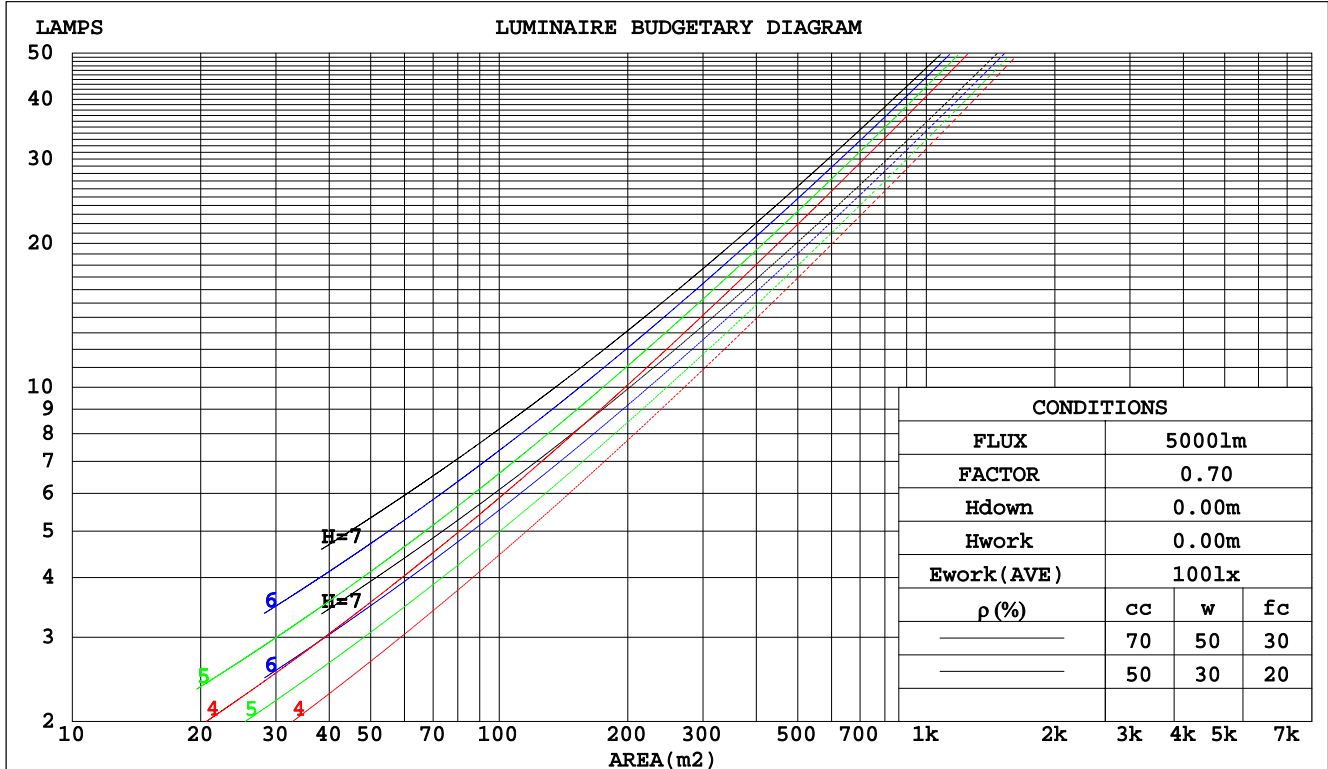
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	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	1.08	1.08	1.08	1.00	1.00	1.00	.85	.85	.85	.72	.72	.72	.60	.60	.60	.54
1.0	.95	.92	.89	.89	.86	.83	.76	.74	.72	.65	.63	.62	.54	.53	.52	.47
2.0	.85	.79	.74	.79	.74	.70	.68	.64	.61	.58	.55	.53	.49	.47	.45	.41
3.0	.75	.69	.63	.70	.64	.60	.61	.56	.53	.52	.49	.46	.44	.42	.40	.36
4.0	.68	.60	.54	.63	.57	.52	.55	.50	.46	.47	.44	.41	.40	.38	.35	.32
5.0	.61	.53	.48	.57	.50	.45	.50	.45	.41	.43	.39	.36	.37	.34	.32	.29
6.0	.55	.48	.42	.52	.45	.40	.46	.40	.36	.40	.36	.32	.34	.31	.29	.26
7.0	.50	.43	.37	.47	.41	.36	.42	.36	.32	.36	.32	.29	.32	.28	.26	.24
8.0	.46	.39	.34	.43	.37	.32	.38	.33	.29	.34	.30	.27	.29	.26	.24	.21
9.0	.42	.35	.30	.40	.34	.29	.36	.30	.27	.31	.27	.24	.27	.24	.22	.20
10.0	.39	.32	.28	.37	.31	.27	.33	.28	.24	.29	.25	.22	.26	.22	.20	.18



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:		DIM.: 1506*44*756		SERIAL No.:	
MFR.: A4673444-01		SUR.:1.5*0.035		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	.259	.148	.047	.239	.136	.043	.199	.114	.037	.163	.094	.030	.130	.075	.024	
2.0	.241	.132	.041	.222	.122	.038	.187	.104	.032	.154	.086	.027	.124	.070	.022	
3.0	.224	.119	.036	.207	.111	.033	.174	.094	.029	.144	.079	.024	.116	.064	.020	
4.0	.208	.108	.032	.192	.101	.030	.163	.086	.026	.135	.073	.022	.109	.059	.018	
5.0	.194	.099	.029	.179	.092	.027	.152	.079	.023	.127	.067	.020	.103	.055	.017	
6.0	.181	.091	.026	.168	.085	.024	.143	.073	.021	.119	.062	.018	.097	.051	.015	
7.0	.170	.084	.024	.158	.078	.022	.134	.068	.020	.112	.058	.017	.092	.048	.014	
8.0	.160	.078	.022	.148	.073	.021	.127	.063	.018	.106	.054	.016	.087	.045	.013	
9.0	.150	.073	.020	.140	.068	.019	.120	.059	.017	.100	.050	.014	.082	.042	.012	
10.0	.142	.068	.019	.132	.064	.018	.113	.056	.016	.095	.047	.013	.078	.039	.011	

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	.543	.543	.543	.464	.464	.464	.317	.317	.317	.182	.182	.182	.058	.058	.058	
1.0	.532	.512	.494	.455	.439	.425	.311	.302	.294	.179	.175	.171	.057	.056	.055	
2.0	.523	.490	.462	.448	.422	.399	.307	.292	.278	.177	.170	.163	.057	.055	.053	
3.0	.515	.473	.440	.442	.408	.382	.303	.284	.268	.175	.166	.158	.056	.054	.052	
4.0	.508	.461	.426	.436	.398	.370	.300	.278	.260	.173	.163	.154	.056	.053	.051	
5.0	.501	.451	.415	.430	.391	.361	.296	.273	.255	.172	.160	.151	.055	.052	.050	
6.0	.495	.444	.407	.425	.384	.355	.293	.269	.251	.170	.158	.149	.055	.052	.049	
7.0	.489	.437	.401	.420	.379	.350	.290	.266	.248	.169	.157	.148	.055	.051	.049	
8.0	.483	.432	.397	.416	.375	.346	.288	.263	.246	.167	.155	.146	.054	.051	.048	
9.0	.478	.428	.394	.412	.371	.343	.285	.261	.244	.166	.154	.145	.054	.051	.048	
10.0	.473	.424	.391	.408	.368	.341	.283	.259	.242	.165	.153	.145	.054	.050	.048	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 1506*44*756			SERIAL No.:			
MFR.: A4673444-01					SUR.:1.5*0.035			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	17.9	18.7	18.7	19.6	20.5	17.9	18.8	18.7	19.6	20.6
	3H	18.8	19.6	19.7	20.5	21.5	19.0	19.8	19.8	20.6	21.7
	4H	19.4	20.1	20.2	21.0	22.0	19.5	20.2	20.3	21.1	22.1
	6H	19.8	20.5	20.7	21.4	22.5	19.9	20.6	20.8	21.5	22.5
	8H	20.0	20.7	20.9	21.6	22.7	20.1	20.8	21.0	21.6	22.8
	12H	20.2	20.8	21.1	21.7	22.8	20.3	20.9	21.2	21.8	22.9
4H	2H	18.0	18.8	18.9	19.6	20.7	18.0	18.8	18.9	19.6	20.7
	3H	19.2	19.9	20.1	20.8	21.9	19.3	20.0	20.2	20.8	22.0
	4H	19.9	20.5	20.8	21.4	22.5	20.0	20.6	20.9	21.5	22.6
	6H	20.6	21.1	21.5	22.0	23.2	20.6	21.1	21.6	22.0	23.2
	8H	20.8	21.3	21.8	22.2	23.4	20.9	21.4	21.9	22.3	23.5
	12H	21.1	21.5	22.0	22.4	23.6	21.2	21.6	22.1	22.5	23.8
8H	4H	20.1	20.5	21.0	21.5	22.7	20.2	20.6	21.1	21.6	22.8
	6H	21.0	21.3	21.9	22.3	23.5	21.0	21.3	22.0	22.3	23.6
	8H	21.3	21.7	22.3	22.7	23.9	21.4	21.7	22.4	22.7	23.9
	12H	21.7	21.9	22.7	22.9	24.2	21.8	22.0	22.8	23.0	24.3
12H	4H	20.1	20.5	21.0	21.4	22.7	20.2	20.6	21.1	21.5	22.8
	6H	21.0	21.3	22.0	22.3	23.6	21.0	21.4	22.0	22.3	23.6
	8H	21.5	21.7	22.5	22.7	24.0	21.5	21.8	22.5	22.8	24.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					
1.5H	+ 0.2 / - 0.6					+ 0.3 / - 0.4					
2.0H	+ 0.4 / - 0.9					+ 0.7 / - 0.6					

CIE Pub.117, 6670 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.6$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-27

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:

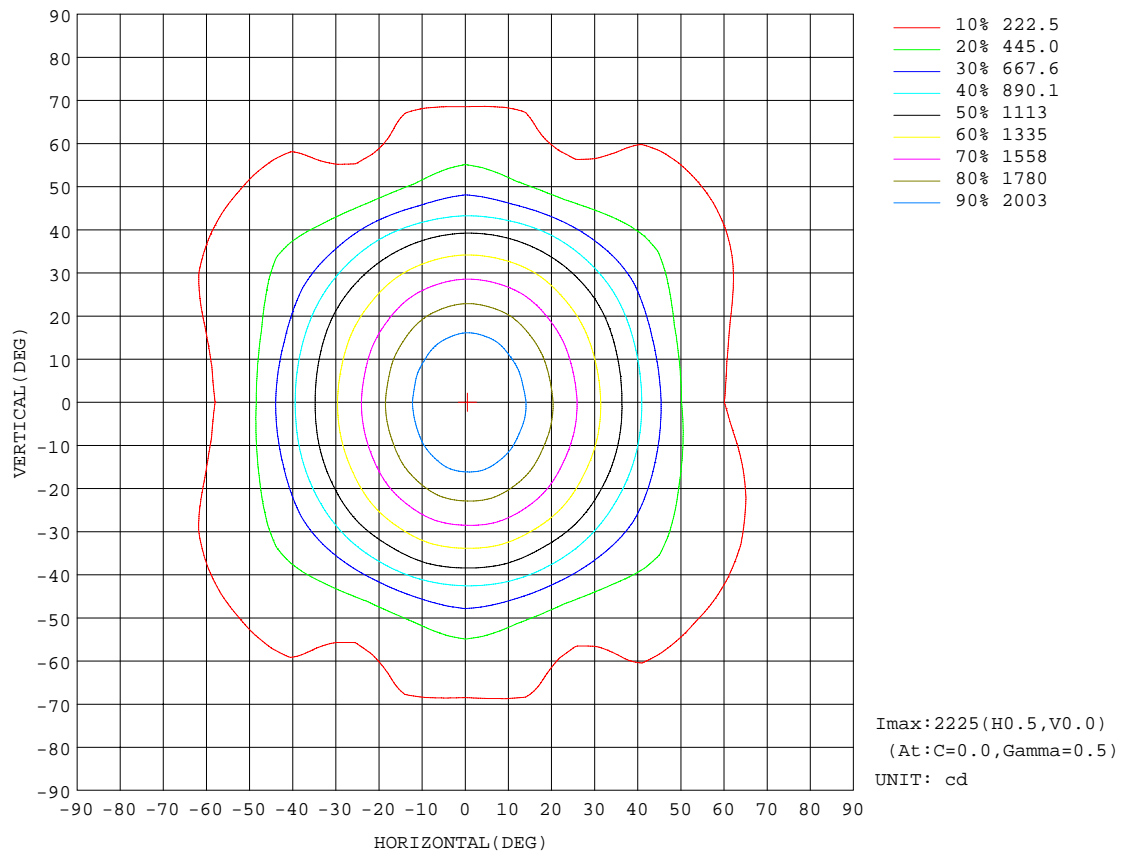
```

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	Shielding Angle:

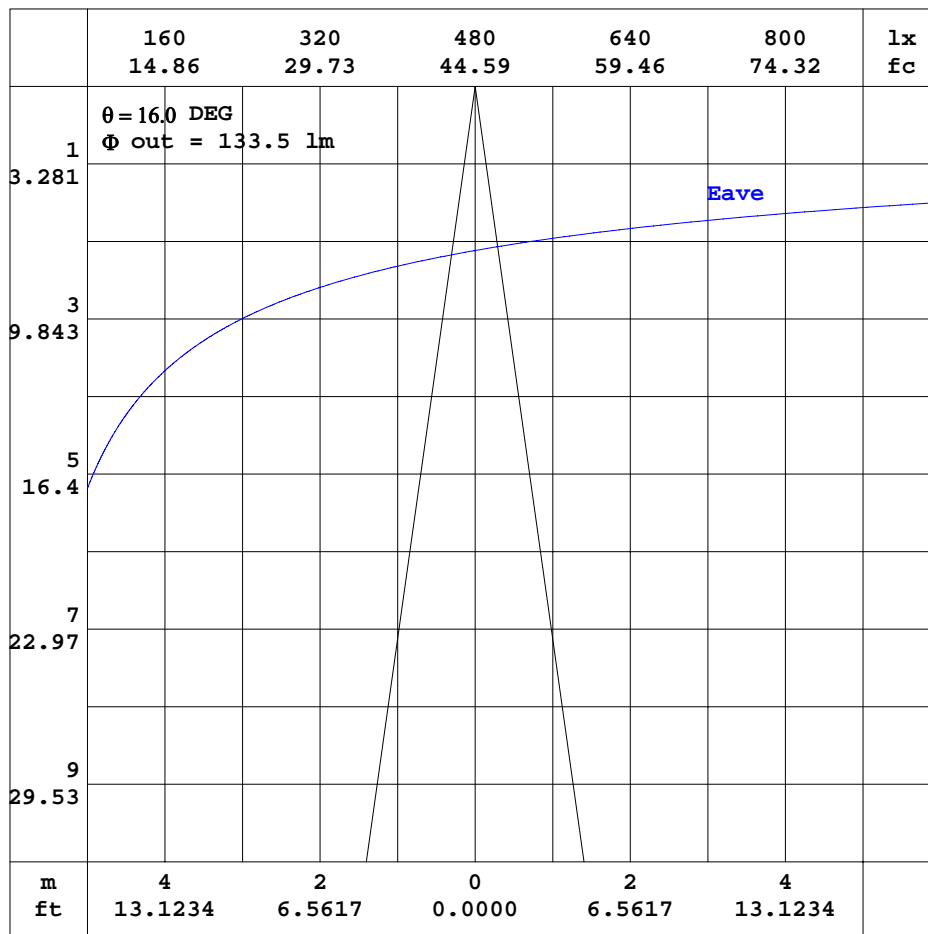


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	Shielding Angle:



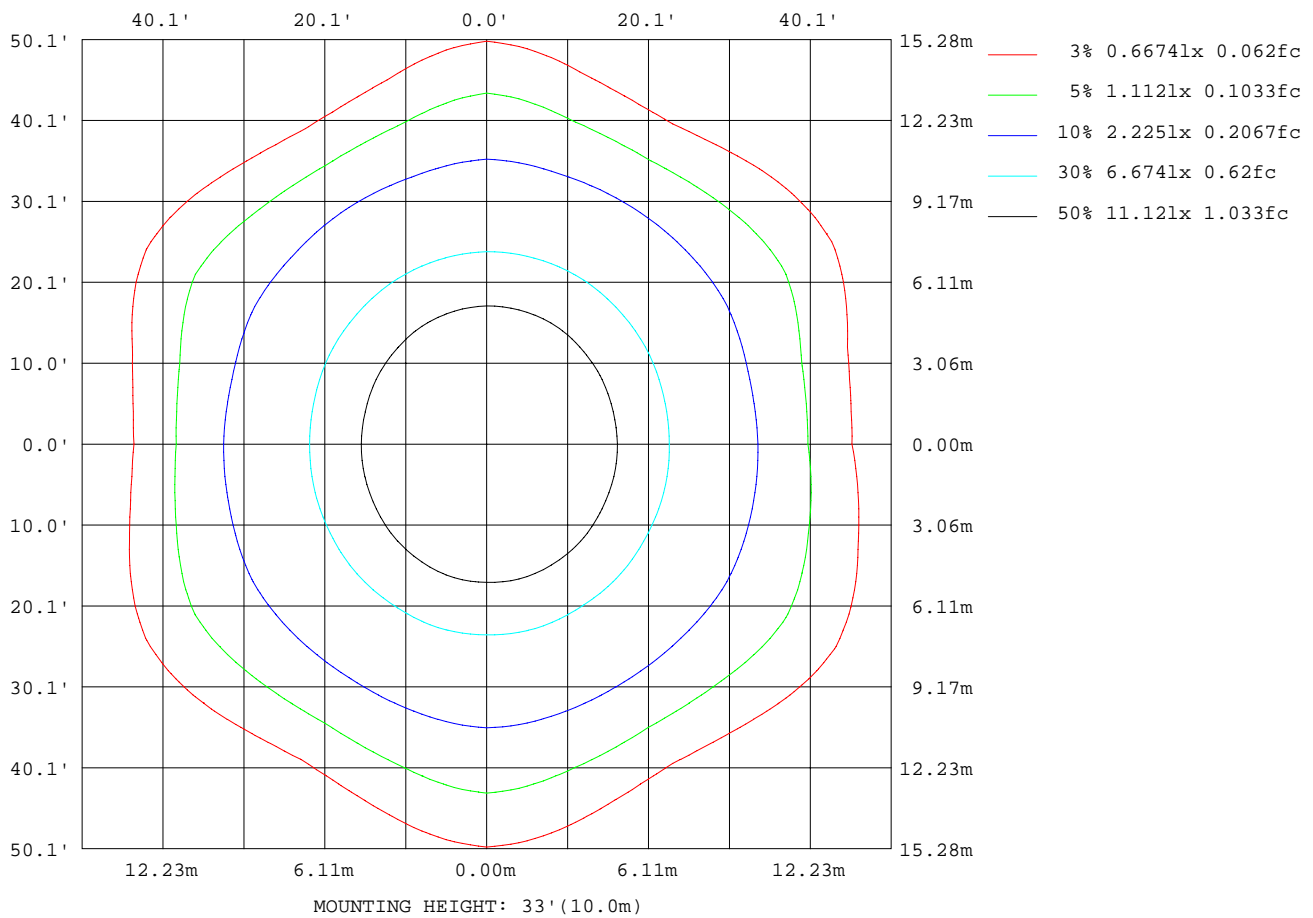
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1506*44*756	SERIAL No.:
MFR.: A4673444-01	SUR.:1.5*0.035	Shielding Angle:

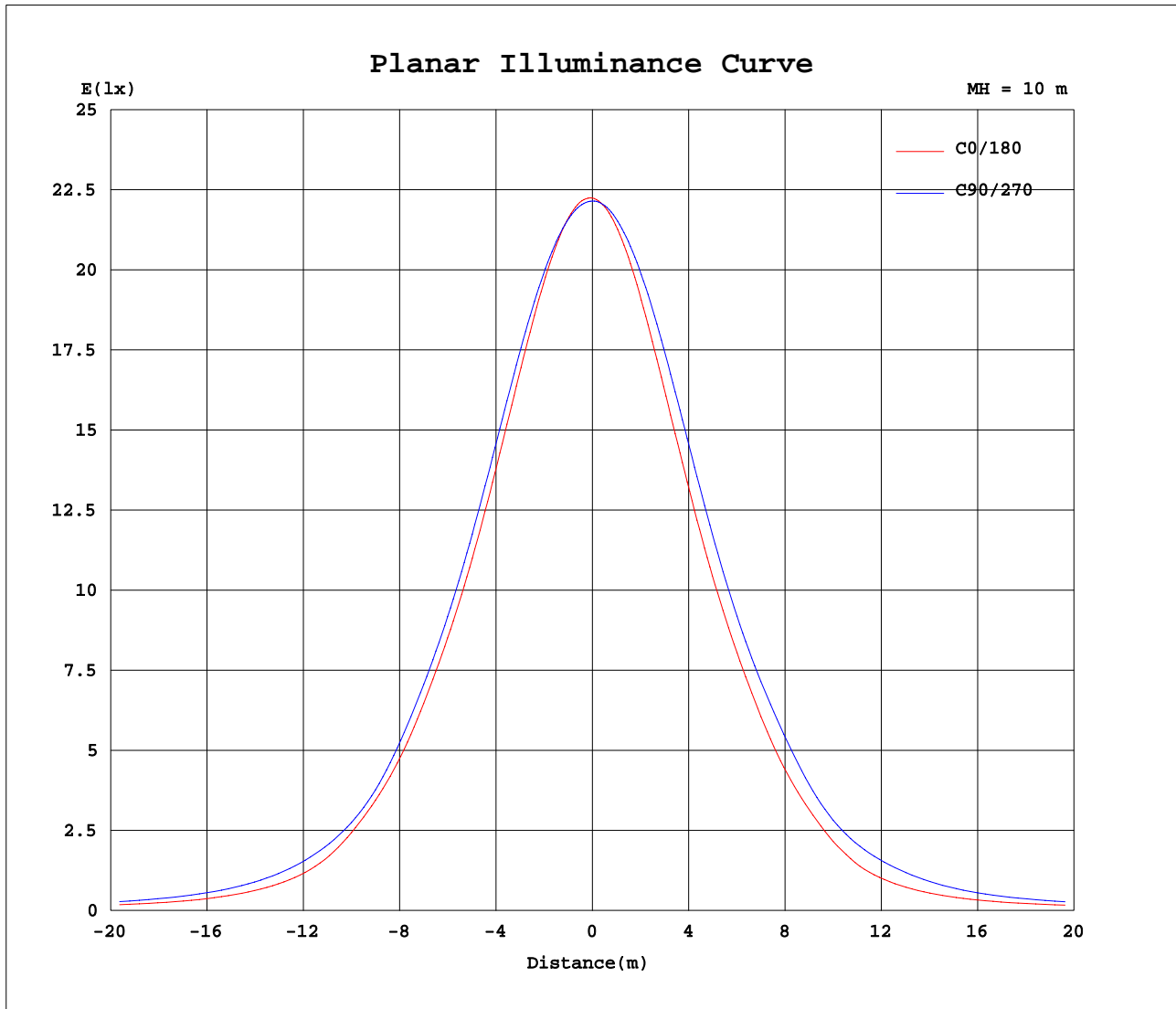
AvgL	cd/m2
L_0~180(65)av	8256
L_0~180(75)av	9896
L_0~180(85)av	10505
L_90~270(65)av	12250
L_90~270(75)av	9768
L_90~270(85)av	13492
L_45(65)av	10903
L_45(75)av	11024
L_45(85)av	11063

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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: 2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1506*44*756					SERIAL No.:				
MFR.: A4673444-01									SUR.:1.5*0.035					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	2225	2223	2221	2220	2220	2220	2220	2219	2219	2218	2218	2217	2217	2216	2216	2216	2215	2215	2215
5	2202	2202	2202	2202	2201	2199	2198	2199	2199	2200	2199	2199	2198	2198	2198	2199	2198	2197	2196
10	2115	2116	2117	2118	2118	2118	2119	2122	2125	2128	2130	2131	2133	2136	2138	2140	2140	2138	2136
15	1973	1975	1976	1978	1980	1982	1985	1992	1999	2007	2012	2017	2021	2027	2032	2036	2036	2035	2033
20	1793	1795	1798	1801	1803	1807	1813	1822	1833	1844	1853	1860	1867	1876	1883	1889	1889	1887	1884
25	1595	1597	1599	1602	1606	1610	1616	1628	1641	1654	1663	1672	1681	1691	1699	1705	1706	1703	1700
30	1392	1394	1397	1400	1403	1407	1413	1424	1437	1450	1459	1469	1477	1488	1497	1503	1504	1502	1498
35	1177	1182	1186	1191	1194	1197	1202	1211	1221	1231	1237	1243	1250	1262	1275	1286	1288	1287	1284
40	933	938	941	943	942	942	944	951	960	969	976	983	992	1005	1018	1029	1031	1030	1027
45	689	692	696	700	707	714	718	716	713	710	712	716	722	733	745	757	768	776	778
50	450	473	494	514	536	554	563	553	536	516	498	485	478	491	510	533	560	581	593
55	309	331	353	375	404	427	441	427	403	376	351	332	321	333	353	379	407	430	443
60	223	252	278	300	322	338	347	337	319	296	267	241	225	242	268	297	318	333	340
65	189	215	236	252	263	268	269	266	259	247	223	200	186	202	225	250	263	270	273
70	172	189	201	207	204	198	192	197	203	206	195	184	176	188	202	215	212	206	199
75	142	151	157	158	153	146	141	145	152	158	156	153	150	156	161	164	154	143	134
80	103	105	106	108	110	111	112	112	112	111	109	107	106	107	108	109	107	104	102
85	56.5	55.8	55.6	55.9	57.1	58.5	59.4	58.5	57.2	56.2	56.9	58.0	59.0	58.8	58.5	58.4	59.9	61.3	62.0
90	5.68	5.57	5.45	5.33	5.18	5.03	4.88	4.75	4.64	4.55	4.47	4.43	4.42	4.62	4.77	4.80	4.34	3.76	3.18
95	19.9	20.0	19.9	19.7	19.3	18.8	18.2	17.5	16.7	15.9	14.7	13.7	13.2	14.2	15.7	17.4	19.1	20.4	21.0
100	28.1	28.1	27.9	27.7	27.0	26.4	26.0	25.3	25.9	28.4	35.8	45.1	55.3	65.7	75.1	82.3	83.8	83.1	81.1
105	67.6	69.2	72.9	78.6	88.5	98.9	108	109	111	116	137	160	180	183	181	177	175	174	173
110	179	174	175	181	192	207	226	252	277	298	299	294	287	287	287	287	287	286	284
115	400	403	405	407	407	406	406	409	411	413	410	406	402	402	403	404	403	401	399
120	523	523	522	521	519	517	516	519	521	523	519	514	509	512	514	517	514	511	507
125	621	620	619	619	619	620	620	622	623	623	619	616	613	614	616	617	615	611	608
130	710	710	710	710	710	710	710	710	710	710	708	706	704	704	705	705	704	702	699
135	786	787	787	787	787	787	787	787	787	787	786	785	784	784	783	783	782	781	780
140	853	854	855	856	856	857	857	856	855	855	855	856	856	854	853	851	850	849	848
145	912	913	913	914	915	916	916	916	916	916	915	914	913	912	910	909	908	907	906
150	962	962	963	964	965	966	966	966	966	965	965	965	964	964	963	962	960	959	956
155	1003	1004	1005	1006	1007	1007	1007	1006	1005	1004	1004	1003	1003	1003	1003	1002	1001	1000	999
160	1036	1037	1038	1038	1039	1039	1039	1039	1038	1037	1037	1037	1037	1036	1035	1034	1033	1033	1032
165	1059	1061	1063	1063	1063	1063	1063	1062	1062	1062	1062	1062	1062	1061	1060	1059	1059	1059	1059
170	1075	1077	1078	1078	1079	1079	1079	1078	1078	1077	1077	1077	1077	1077	1076	1075	1075	1076	1076
175	1086	1087	1088	1088	1088	1088	1088	1088	1088	1089	1089	1088	1088	1087	1086	1086	1086	1086	1086
180	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1506*44*756					SERIAL No.:				
MFR.: A4673444-01									SUR.:1.5*0.035					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	2215	2215	2215	2215	2215	2214	2214	2214	2214	2215	2215	2216	2215	2216	2216	2219	2222	2225	2224
5	2196	2195	2194	2192	2189	2187	2185	2183	2181	2179	2178	2176	2175	2174	2174	2175	2177	2179	2178
10	2135	2133	2130	2126	2120	2114	2109	2104	2098	2091	2085	2078	2074	2071	2069	2069	2069	2070	2068
15	2031	2028	2023	2014	2004	1993	1984	1975	1966	1954	1943	1932	1924	1918	1914	1912	1910	1910	1909
20	1881	1877	1871	1859	1846	1832	1819	1807	1794	1779	1764	1751	1742	1734	1728	1725	1723	1722	1721
25	1697	1692	1686	1673	1658	1642	1628	1614	1599	1583	1567	1553	1543	1535	1529	1524	1521	1520	1519
30	1495	1491	1484	1472	1457	1441	1427	1413	1398	1382	1366	1351	1342	1335	1329	1324	1321	1319	1318
35	1283	1279	1273	1257	1240	1223	1211	1200	1189	1174	1159	1145	1135	1127	1120	1112	1106	1102	1105
40	1025	1020	1013	998	981	964	951	940	930	917	905	894	886	879	874	869	865	862	863
45	769	754	737	720	703	688	682	678	677	677	677	674	661	646	632	622	615	611	607
50	576	548	517	491	470	456	462	475	492	508	520	524	504	476	447	422	403	391	396
55	426	400	369	342	321	308	319	339	361	381	396	402	384	357	327	302	281	269	277
60	330	313	291	260	232	215	232	259	288	305	317	320	307	288	265	238	215	201	214
65	269	260	246	218	192	175	191	215	240	249	253	251	247	239	228	208	189	177	190
70	204	209	211	196	180	167	174	185	195	191	184	178	182	187	190	179	167	158	167
75	141	150	159	154	148	141	142	143	143	138	132	127	131	137	141	136	131	127	130
80	104	105	106	103	100	97.2	97.5	98.4	99.4	99.1	98.3	97.1	95.2	93.1	91.1	89.6	88.6	88.1	88.7
85	59.9	57.3	54.6	53.6	52.8	51.9	50.1	48.2	46.5	45.8	45.2	44.6	43.4	42.0	40.8	40.2	39.8	39.6	39.4
90	2.89	2.66	2.47	2.16	1.88	1.65	1.57	1.55	1.57	1.59	1.64	1.69	1.74	1.82	1.92	2.13	2.34	2.53	2.57
95	19.3	17.1	14.6	13.1	12.0	11.5	11.8	12.6	13.5	14.1	14.5	15.0	15.3	15.6	15.7	15.8	15.9	15.9	15.9
100	81.0	79.7	76.3	67.7	57.3	46.2	35.9	26.8	20.0	18.9	19.8	21.7	22.0	22.3	22.5	22.7	22.9	23.0	23.0
105	172	171	169	171	169	163	142	118	93.7	81.0	71.3	62.9	51.2	40.6	32.2	30.0	30.1	31.5	30.7
110	282	279	277	276	274	272	271	266	255	226	194	165	155	153	153	152	151	151	152
115	396	393	390	390	391	390	386	381	377	380	382	379	361	339	317	298	285	279	288
120	505	504	503	503	503	502	497	492	487	487	487	488	488	488	488	487	486	485	486
125	606	605	604	605	606	606	601	596	592	591	592	593	591	590	589	589	589	590	591
130	697	695	694	694	695	695	691	687	684	684	685	686	685	683	682	682	682	682	682
135	778	776	775	775	775	775	772	770	767	766	766	766	765	764	763	763	763	763	763
140	847	846	845	845	845	845	843	840	838	838	837	837	836	834	833	833	833	833	833
145	905	905	905	905	905	905	903	901	899	899	898	898	897	896	895	894	894	894	895
150	956	956	956	955	955	955	954	953	952	952	951	951	949	948	946	946	945	946	946
155	999	999	998	999	999	999	998	996	995	995	995	995	994	993	992	991	990	990	991
160	1032	1031	1031	1031	1031	1030	1030	1030	1029	1029	1029	1029	1029	1029	1028	1028	1027	1026	1027
165	1058	1058	1057	1057	1056	1056	1056	1056	1056	1056	1055	1055	1054	1054	1054	1054	1054	1054	1055
170	1075	1075	1074	1074	1075	1075	1075	1074	1074	1074	1074	1074	1074	1073	1072	1072	1072	1072	1073
175	1086	1086	1086	1085	1085	1084	1085	1085	1085	1085	1085	1085	1085	1085	1084	1084	1083	1083	1085
180	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm																			
NAME:										TYPE:					WEIGHT:				
SPEC.:										DIM.: 1506*44*756					SERIAL No.:				
MFR.: A4673444-01										SUR.:1.5*0.035					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	2222	2220	2220	2220	2220	2219	2219	2218	2218	2217	2217	2216	2216	2216	2215	2215	2215	2215	2215
5	2177	2176	2177	2179	2180	2181	2182	2183	2185	2187	2189	2190	2191	2193	2194	2196	2197	2197	2196
10	2067	2068	2072	2077	2083	2087	2091	2095	2101	2108	2114	2119	2123	2126	2130	2134	2136	2137	2137
15	1909	1911	1917	1925	1934	1942	1949	1958	1969	1982	1993	2001	2008	2015	2022	2028	2032	2032	2031
20	1721	1724	1732	1742	1753	1763	1774	1786	1801	1817	1832	1843	1852	1860	1869	1877	1882	1883	1881
25	1520	1523	1532	1543	1556	1567	1579	1592	1609	1626	1643	1655	1666	1675	1685	1693	1699	1699	1697
30	1320	1325	1334	1345	1357	1368	1379	1392	1409	1427	1443	1456	1467	1476	1486	1494	1500	1500	1499
35	1111	1120	1131	1145	1158	1169	1181	1193	1208	1224	1240	1254	1266	1277	1287	1295	1301	1302	1300
40	866	872	883	895	909	922	936	950	966	982	999	1014	1029	1043	1055	1065	1072	1073	1071
45	608	613	629	647	665	670	673	677	689	704	719	730	740	752	770	786	798	793	784
50	408	429	462	494	518	512	498	479	467	458	455	465	483	506	544	579	603	586	558
55	295	319	351	380	401	393	374	351	329	311	300	309	328	353	391	425	448	430	401
60	236	262	284	302	314	310	298	281	252	226	209	223	247	276	302	323	336	325	306
65	208	228	236	241	242	243	241	233	210	187	172	188	212	239	255	266	271	266	255
70	178	189	186	180	175	180	186	190	181	173	167	179	193	207	207	204	201	205	209
75	135	139	136	132	129	134	140	145	143	140	138	144	150	155	147	138	132	140	151
80	90.0	91.8	94.6	97.3	99.7	100	101	100	98.3	96.7	95.8	98.1	101	104	105	105	105	106	107
85	39.5	40.0	41.7	43.5	45.0	44.5	43.9	43.8	46.4	49.4	52.2	52.9	53.3	53.9	56.6	59.4	61.5	60.7	59.3
90	2.57	2.55	2.55	2.55	2.54	2.56	2.57	2.57	2.52	2.48	2.45	2.45	2.50	2.61	2.85	3.16	3.51	3.94	4.33
95	16.0	15.9	15.6	15.2	14.7	14.2	13.5	12.9	12.0	11.3	10.8	11.3	12.2	13.3	14.7	15.9	16.8	16.7	16.1
100	23.0	22.8	22.4	21.9	21.3	19.5	18.6	19.6	26.2	34.7	44.5	54.6	63.9	71.7	74.6	75.7	75.9	78.2	79.4
105	31.0	33.0	39.1	47.2	57.1	66.7	78.3	92.6	116	139	159	164	165	163	165	166	168	169	170
110	153	154	150	150	158	191	228	261	268	268	264	266	268	270	273	275	277	277	277
115	303	322	340	358	372	377	379	379	378	378	377	378	380	382	385	388	390	390	388
120	487	487	485	483	482	484	488	491	488	486	483	485	488	492	494	495	496	496	496
125	591	591	589	586	585	588	592	595	592	588	584	588	593	597	597	596	595	595	597
130	682	682	681	680	680	682	684	685	682	678	676	679	684	688	688	687	685	686	687
135	763	763	763	761	761	761	762	763	762	761	761	762	764	765	765	765	765	766	767
140	834	834	834	834	833	834	834	834	834	834	833	834	834	834	834	834	835	836	837
145	895	896	895	894	893	895	896	898	897	896	895	896	896	897	896	896	896	896	897
150	947	948	948	947	947	947	948	949	949	949	948	948	948	948	947	947	947	948	949
155	992	993	994	994	994	995	994	994	993	991	990	989	989	989	990	990	990	991	992
160	1028	1029	1029	1028	1027	1027	1027	1027	1026	1026	1025	1026	1026	1027	1026	1025	1024	1025	1026
165	1055	1056	1055	1055	1055	1055	1055	1055	1054	1053	1053	1052	1052	1051	1051	1051	1051	1052	1053
170	1074	1075	1075	1074	1074	1074	1074	1074	1074	1073	1072	1072	1071	1071	1070	1069	1068	1069	1069
175	1086	1087	1087	1087	1086	1085	1085	1084	1084	1084	1084	1084	1084	1084	1084	1084	1083	1084	1084
180	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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:229.77V I:0.2708A P:61.056W PF:0.9814 Freq:49.99Hz Lamp Flux:6669.55x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1506*44*756						SERIAL No.:		
MFR.: A4673444-01									SUR.:1.5*0.035						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	2215	2215	2215	2214	2214	2214	2214	2215	2215	2216	2215	2216	2216	2218	2221				
5	2196	2196	2196	2197	2196	2196	2195	2195	2195	2195	2194	2194	2194	2196	2199				
10	2135	2135	2134	2132	2128	2125	2121	2119	2117	2116	2112	2109	2106	2107	2110				
15	2029	2027	2024	2020	2013	2005	1997	1992	1988	1983	1977	1971	1967	1967	1969				
20	1878	1875	1870	1864	1854	1844	1833	1825	1818	1811	1803	1796	1790	1789	1790				
25	1694	1692	1688	1682	1670	1657	1643	1634	1625	1617	1607	1599	1593	1591	1591				
30	1496	1493	1489	1483	1471	1457	1444	1434	1426	1418	1408	1400	1393	1390	1390				
35	1297	1293	1288	1281	1271	1259	1247	1238	1229	1220	1209	1198	1188	1182	1178				
40	1067	1061	1053	1044	1034	1025	1015	1006	997	987	973	959	947	939	935				
45	773	769	766	762	755	748	741	739	736	731	715	699	684	680	682				
50	526	509	498	494	503	516	531	547	557	559	534	504	474	459	451				
55	367	345	329	323	339	362	387	409	425	430	404	371	337	321	311				
60	282	256	234	222	243	272	303	321	332	334	314	288	261	245	232				
65	239	213	189	174	192	219	247	260	266	267	258	244	228	215	202				
70	209	194	178	165	174	187	201	203	202	200	202	203	201	195	185				
75	160	157	151	146	148	151	153	150	147	144	148	153	157	155	150				
80	108	106	104	103	105	108	110	111	111	110	109	107	105	104	103				
85	57.9	58.3	58.9	59.3	58.2	56.9	56.0	56.9	58.1	58.9	57.6	56.0	54.7	54.6	55.2				
90	4.61	4.55	4.39	4.21	4.21	4.26	4.34	4.43	4.54	4.66	4.81	4.97	5.14	5.31	5.49				
95	15.2	14.1	13.0	12.4	13.0	14.1	15.4	16.2	17.0	17.7	18.3	18.8	19.3	19.6	19.8				
100	78.3	71.2	62.0	52.0	43.0	35.0	28.7	26.3	25.6	25.9	26.3	26.9	27.5	27.8	28.0				
105	171	174	175	172	154	134	116	112	111	111	103	93.1	83.7	77.2	71.8				
110	277	278	280	282	286	289	287	272	254	233	215	198	185	178	176				
115	388	391	395	398	397	396	396	400	404	409	411	411	410	408	405				
120	497	499	502	505	505	505	505	507	510	514	517	520	523	524	524				
125	598	601	603	605	606	606	607	608	610	613	616	619	621	622	622				
130	688	690	692	694	695	696	697	698	699	701	704	707	709	711	711				
135	768	770	772	774	775	776	776	777	778	779	781	784	785	786	787				
140	838	840	842	843	844	845	845	846	847	848	849	851	852	853	853				
145	899	900	901	902	904	905	906	907	907	908	909	910	911	912	912				
150	950	951	951	952	954	956	957	958	958	958	959	959	960	961	961				
155	993	994	994	995	996	997	999	999	1000	1000	1001	1002	1003	1003	1003				
160	1028	1028	1029	1029	1030	1030	1031	1031	1032	1033	1034	1035	1036	1036	1036				
165	1053	1053	1053	1053	1054	1055	1056	1056	1057	1057	1058	1059	1060	1060	1060				
170	1070	1070	1070	1071	1071	1073	1074	1074	1074	1075	1075	1076	1077	1077	1076				
175	1085	1085	1086	1086	1086	1085	1085	1085	1085	1085	1085	1085	1085	1085	1085				
180	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087	1087				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2023-09-27

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: