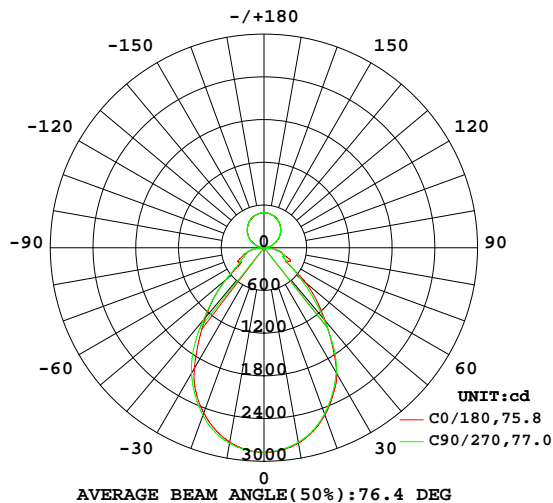


LUMINAIRE PHOTOMETRIC TEST REPORT

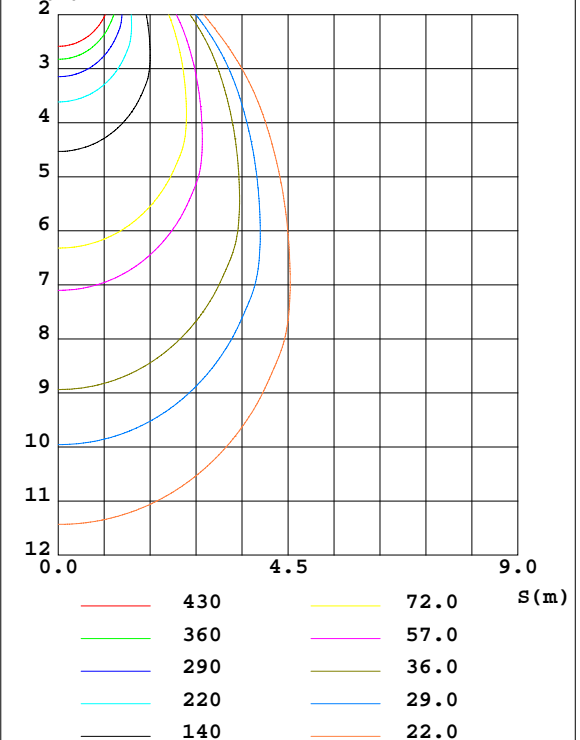
Test:U:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.51 lm/W			
MODEL		Imax(cd)	2874	S/MH(C0/180)	1.09
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	6410.3	η UP,DN(C0-180)	11.0,38.7
NOMINAL FLUX(lm)	6410.33	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	11.2,39.1
LAMPS INSIDE	1	η up(%)	22.2	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230.0	η down(%)	77.8	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:2022-12-28

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:

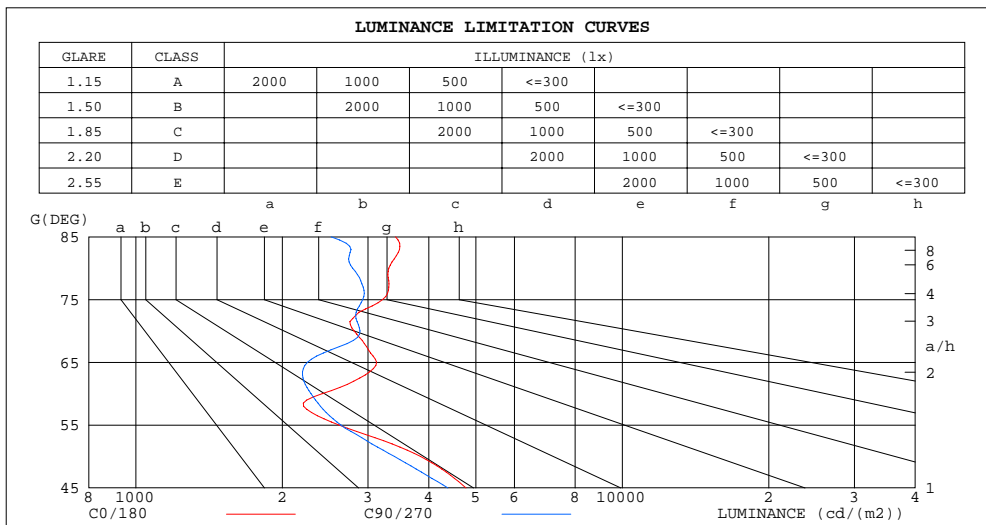
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	2785	2779	2775	2765	2772	2776	2788	2789	0- 10	269.6	269.6	4.21,4.21
20	2502	2488	2484	2457	2472	2479	2505	2501	10- 20	746.5	1016	15.9,15.9
30	2043	2006	2027	1966	1958	1997	2036	2013	20- 30	1038	2054	32,32
40	1338	1370	1310	1304	1278	1330	1327	1375	30- 40	1045	3099	48.3,48.3
50	764.2	849.8	675.5	800.0	689.0	818.9	701.2	820.1	40- 50	798.3	3897	60.8,60.8
60	373.2	431.4	354.0	377.5	399.7	427.8	385.4	410.5	50- 60	500.9	4398	68.6,68.6
70	297.0	191.6	305.4	183.7	300.7	199.5	310.8	184.6	60- 70	313.2	4712	73.5,73.5
80	177.7	114.3	149.8	135.7	171.8	135.1	165.4	117.7	70- 80	194.0	4906	76.5,76.5
90	2.320	2.089	1.993	1.952	2.723	2.530	2.655	2.746	80- 90	81.89	4988	77.8,77.8
100	59.09	54.84	50.89	52.71	56.73	54.66	54.05	56.91	90-100	25.34	5013	78.2,78.2
110	139.5	136.7	132.3	134.4	136.7	137.2	137.1	139.9	100-110	100.1	5113	79.8,79.8
120	223.2	220.9	218.4	218.8	220.8	222.1	224.4	224.6	110-120	177.7	5291	82.5,82.5
130	299.5	297.4	295.6	295.6	297.3	298.9	301.6	301.4	120-130	233.3	5524	86.2,86.2
140	365.6	363.5	362.1	362.1	363.8	365.3	367.8	367.6	130-140	256.7	5781	90.2,90.2
150	419.8	417.7	416.6	416.7	418.1	419.4	421.6	421.4	140-150	246.1	6027	94,94
160	460.1	458.2	457.4	457.7	458.9	459.5	461.2	461.1	150-160	203.2	6230	97.2,97.2
170	484.9	483.5	483.2	483.5	484.3	484.2	485.2	485.3	160-170	133.7	6364	99.3,99.3
180	493.2	493.2	493.2	493.2	493.2	493.2	493.2	493.2	170-180	46.63	6410	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:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3418	2520
80	3311	2790
75	3215	2926
70	2809	2889
65	3126	2252
60	2415	2291
55	2617	2639
50	3846	3400
45	4771	4378

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:

```

WEC AND CCEC

Test:U:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	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	.260	.148	.047	.247	.141	.045	.221	.127	.041	.198	.114	.037	.176	.102	.033	
2.0	.244	.134	.041	.232	.128	.039	.209	.116	.036	.187	.105	.033	.168	.095	.030	
3.0	.227	.121	.036	.216	.116	.035	.195	.106	.032	.176	.097	.030	.158	.088	.027	
4.0	.211	.110	.032	.202	.105	.031	.183	.097	.029	.165	.089	.027	.149	.081	.025	
5.0	.197	.101	.029	.188	.097	.028	.171	.089	.026	.155	.082	.024	.140	.075	.023	
6.0	.185	.093	.027	.177	.089	.026	.161	.082	.024	.146	.076	.022	.133	.070	.021	
7.0	.173	.086	.024	.166	.083	.024	.152	.077	.022	.138	.071	.021	.125	.065	.019	
8.0	.163	.080	.022	.156	.077	.022	.143	.071	.020	.131	.066	.019	.119	.061	.018	
9.0	.154	.075	.021	.148	.072	.020	.135	.067	.019	.124	.062	.018	.113	.057	.017	
10.0	.146	.070	.019	.140	.068	.019	.128	.063	.018	.118	.058	.017	.107	.054	.016	

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	.360	.360	.360	.307	.307	.307	.210	.210	.210	.120	.120	.120	.039	.039	.039	
1.0	.347	.327	.309	.297	.281	.266	.203	.193	.184	.117	.112	.107	.037	.036	.035	
2.0	.337	.304	.275	.289	.262	.238	.198	.181	.166	.114	.105	.097	.037	.034	.032	
3.0	.329	.287	.253	.282	.247	.219	.194	.172	.154	.112	.100	.091	.036	.033	.030	
4.0	.321	.273	.237	.275	.236	.206	.189	.165	.145	.110	.096	.086	.035	.031	.028	
5.0	.314	.263	.226	.269	.228	.197	.186	.159	.139	.107	.093	.082	.035	.030	.027	
6.0	.307	.255	.218	.264	.221	.190	.182	.155	.134	.106	.091	.080	.034	.030	.026	
7.0	.301	.248	.212	.259	.215	.184	.179	.151	.131	.104	.089	.078	.034	.029	.026	
8.0	.295	.243	.207	.254	.211	.180	.176	.148	.128	.102	.087	.076	.033	.029	.025	
9.0	.290	.238	.203	.249	.207	.177	.173	.145	.126	.101	.086	.075	.033	.028	.025	
10.0	.285	.234	.200	.245	.203	.175	.170	.143	.124	.099	.084	.074	.032	.028	.025	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 610*610*30			SERIAL No.:			
MFR.: AS42216155B-01					SUR.:0.556*0.556			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	14.9	16.0	15.4	16.5	17.1	14.5	15.6	15.0	16.1	16.7	
	3H	15.8	16.8	16.4	17.3	18.0	15.4	16.4	16.0	17.0	
	4H	16.3	17.2	16.9	17.8	18.5	16.1	17.0	16.7	17.6	
	6H	16.9	17.8	17.5	18.4	19.1	16.6	17.4	17.2	18.0	
	8H	17.2	18.0	17.8	18.6	19.3	16.8	17.6	17.4	18.2	
	12H	17.4	18.2	18.1	18.8	19.6	16.9	17.7	17.6	18.3	
4H	2H	15.0	15.9	15.6	16.5	17.2	14.7	15.6	15.3	16.2	
	3H	16.0	16.8	16.7	17.4	18.2	15.8	16.5	16.4	17.2	
	4H	16.6	17.3	17.3	18.0	18.7	16.5	17.2	17.2	17.9	
	6H	17.4	18.0	18.1	18.7	19.5	17.2	17.8	17.8	18.5	
	8H	17.8	18.4	18.5	19.1	19.9	17.4	18.0	18.1	18.7	
	12H	18.2	18.7	18.9	19.4	20.2	17.7	18.2	18.4	18.9	
8H	4H	16.6	17.2	17.3	17.9	18.7	16.5	17.1	17.2	17.8	
	6H	17.6	18.1	18.3	18.8	19.6	17.3	17.8	18.1	18.5	
	8H	18.2	18.6	18.9	19.3	20.2	17.7	18.1	18.5	18.9	
	12H	18.7	19.0	19.5	19.8	20.7	18.1	18.4	18.9	19.2	
12H	4H	16.6	17.1	17.3	17.8	18.7	16.5	17.0	17.2	17.8	
	6H	17.6	18.1	18.4	18.8	19.7	17.4	17.8	18.1	18.5	
	8H	18.3	18.7	19.1	19.4	20.3	17.9	18.2	18.6	19.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
1.5H	+ 0.3 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.6 / - 0.5					+ 0.8 / - 0.8					

CIE Pub.117, 6410 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.5$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:

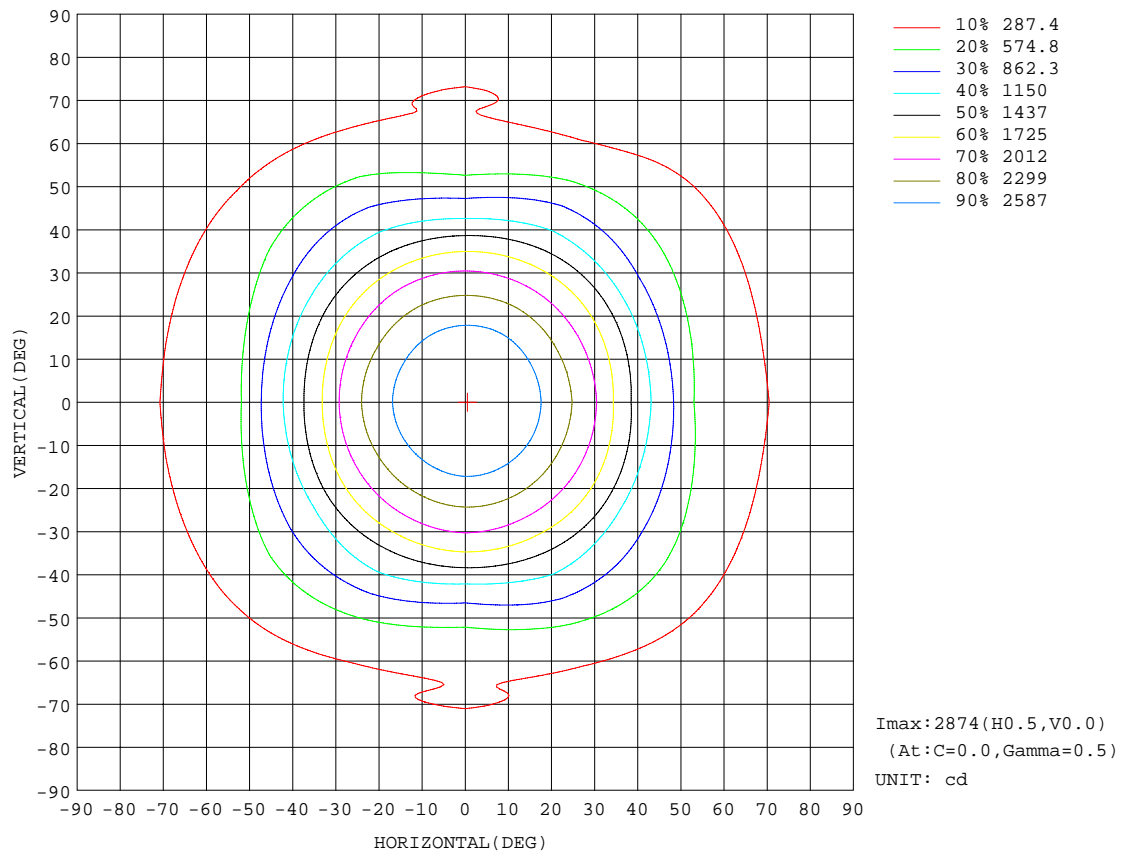
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	50	44	58	49	43	56	48	43	36
0.80	69	59	53	67	58	52	64	56	51	43
1.00	76	67	60	74	65	59	70	64	57	49
1.25	82	73	67	80	71	66	75	68	63	54
1.50	87	78	72	84	76	71	78	72	68	57
2.00	93	85	79	89	82	77	83	77	73	62
2.50	96	89	84	92	86	81	85	81	77	64
3.00	99	93	88	95	89	85	87	83	80	66
4.00	102	97	93	98	94	90	90	87	84	69
5.00	104	100	96	100	96	93	92	89	86	70
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:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:

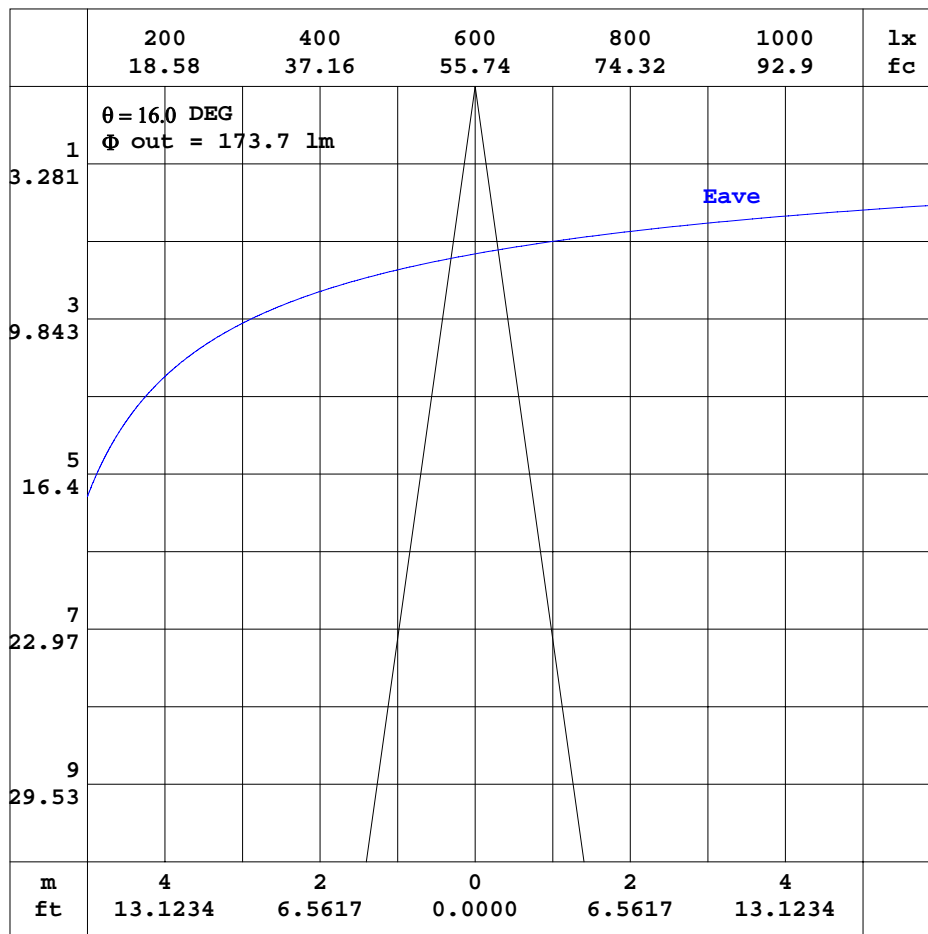


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:



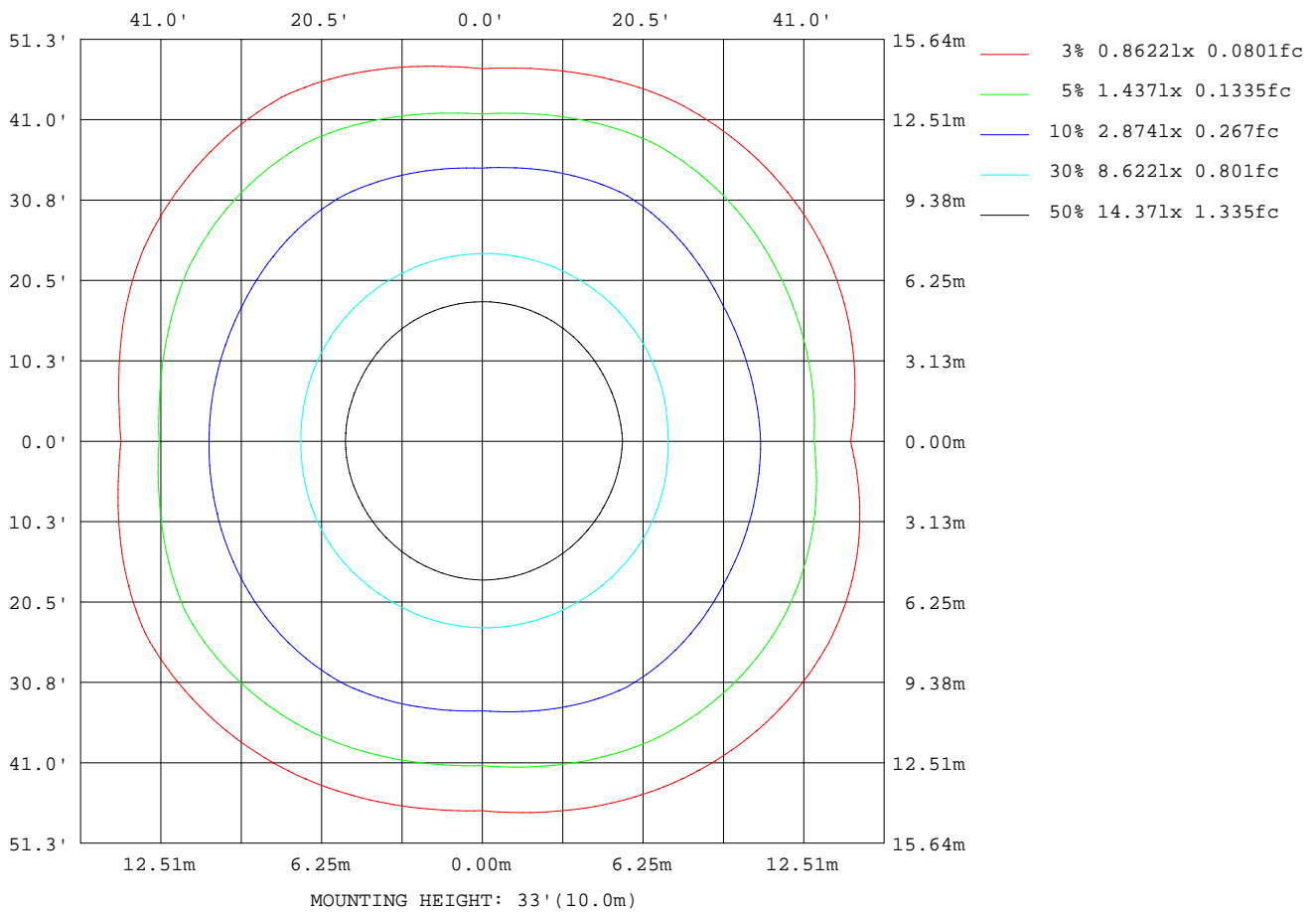
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*610*30	SERIAL No.:
MFR.: AS42216155B-01	SUR.:0.556*0.556	Shielding Angle:

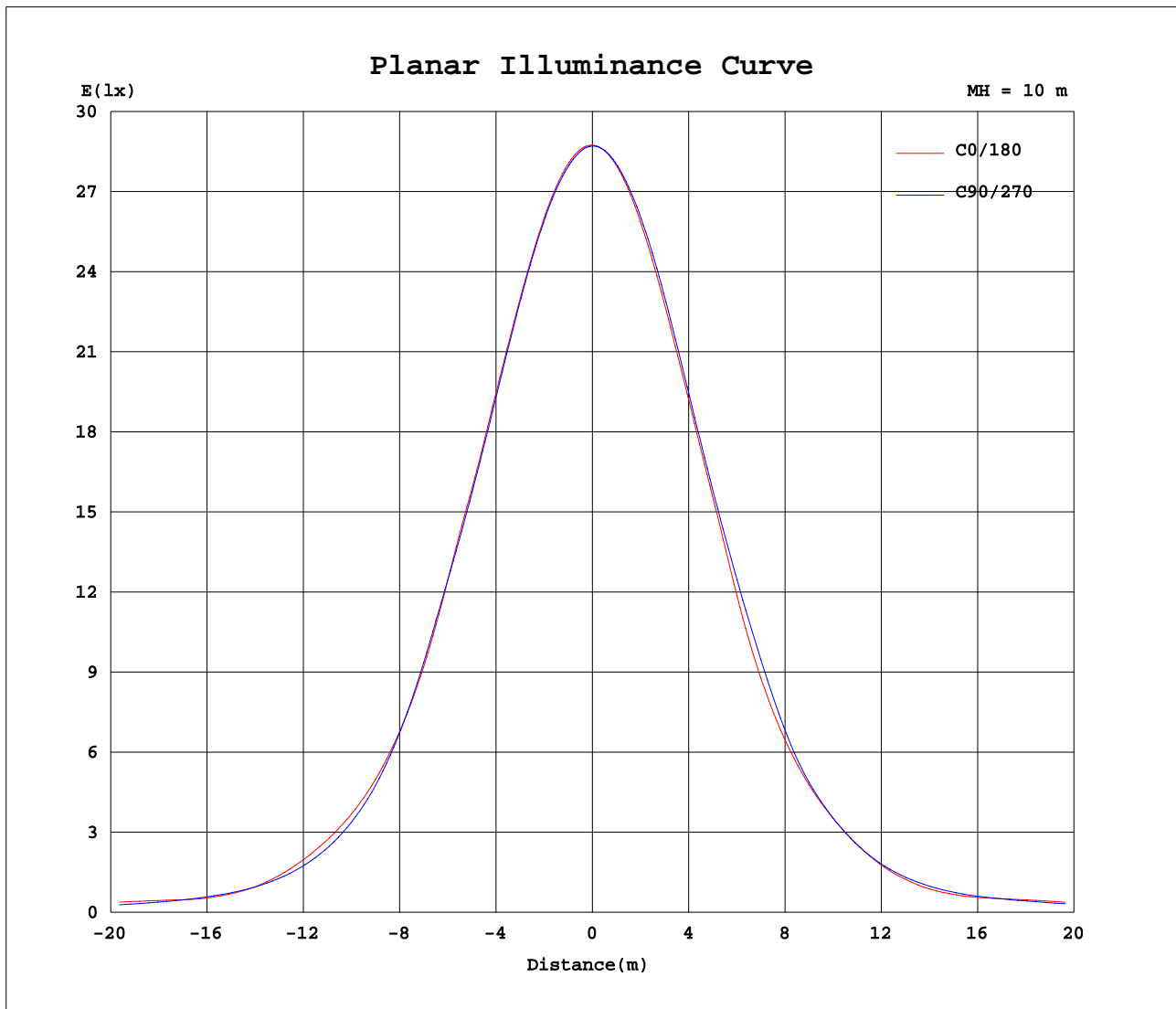
AvgL	cd/m2
L_0~180(65)av	3006
L_0~180(75)av	3113
L_0~180(85)av	3014
L_90~270(65)av	2324
L_90~270(75)av	3046
L_90~270(85)av	2776
L_45(65)av	2297
L_45(75)av	1816
L_45(85)av	3113

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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: 2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*610*30						SERIAL No.:		
MFR.: AS42216155B-01									SUR.:0.556*0.556						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	2874	2874	2873	2873	2873	2872	2872	2872	2872	2872	2872	2871	2871	2871	2871	2871	2871	2871	2871
5	2854	2853	2853	2852	2851	2851	2850	2849	2848	2847	2847	2846	2845	2845	2844	2844	2844	2844	2844
10	2785	2785	2784	2783	2783	2782	2781	2780	2779	2779	2778	2777	2776	2776	2776	2776	2776	2776	2775
15	2667	2667	2666	2665	2664	2664	2663	2662	2661	2660	2659	2658	2657	2658	2658	2658	2657	2657	2656
20	2502	2499	2497	2495	2494	2492	2491	2490	2489	2488	2487	2487	2486	2486	2486	2486	2486	2485	2484
25	2289	2283	2279	2275	2272	2269	2267	2267	2267	2267	2268	2268	2269	2270	2270	2271	2271	2270	2269
30	2043	2037	2031	2026	2022	2018	2014	2011	2008	2006	2005	2004	2004	2008	2013	2018	2022	2025	2027
35	1675	1685	1694	1702	1708	1712	1715	1715	1713	1711	1708	1705	1702	1703	1704	1704	1705	1704	1703
40	1338	1346	1353	1359	1364	1367	1370	1371	1371	1370	1368	1365	1360	1352	1342	1333	1324	1316	1310
45	1043	1035	1029	1026	1026	1027	1031	1046	1062	1077	1090	1100	1106	1083	1057	1029	1002	977	957
50	764	779	792	804	814	823	830	839	846	850	851	848	840	813	783	752	723	696	675
55	464	507	545	576	602	621	635	639	638	632	622	609	593	570	547	523	501	483	468
60	373	390	405	417	427	434	438	438	436	431	425	418	410	400	389	379	370	361	354
65	408	393	379	366	353	341	330	319	308	299	291	284	279	280	283	286	289	292	294
70	297	273	253	235	220	208	199	194	191	192	195	200	208	226	244	263	280	295	305
75	257	229	204	183	165	152	142	138	138	141	146	153	163	176	191	204	217	227	234
80	178	169	160	152	145	138	132	125	119	114	111	108	108	114	121	129	137	144	150
85	92.1	90.9	89.6	88.3	87.0	85.6	84.1	82.4	80.7	79.0	77.3	75.7	74.1	72.5	71.1	69.9	68.9	68.2	67.9
90	2.32	2.30	2.28	2.26	2.24	2.22	2.19	2.16	2.12	2.09	2.06	2.03	2.00	1.99	1.99	1.99	1.99	1.99	1.99
95	25.0	24.5	24.0	23.6	23.1	22.7	22.3	21.9	21.5	21.2	20.9	20.5	20.3	20.0	19.8	19.6	19.4	19.3	19.1
100	59.1	58.7	58.3	57.9	57.5	57.0	56.5	56.0	55.4	54.8	54.3	53.7	53.2	52.7	52.2	51.8	51.4	51.1	50.9
105	97.9	97.7	97.5	97.2	96.8	96.5	96.0	95.6	95.0	94.5	94.0	93.4	92.8	92.2	91.6	91.0	90.5	90.1	89.8
110	140	139	139	139	138	138	138	137	137	137	136	136	135	135	134	134	133	133	132
115	182	182	181	181	181	180	180	180	180	180	179	179	179	178	178	177	177	176	176
120	223	223	222	222	222	221	221	221	221	221	221	221	221	220	220	219	219	219	218
125	262	262	262	261	261	261	260	260	260	260	260	260	260	260	259	259	259	259	258
130	299	299	299	298	298	298	298	297	297	297	297	297	297	297	297	296	296	296	296
135	334	334	333	333	332	332	332	332	332	332	332	332	332	332	331	331	331	330	330
140	366	365	365	364	364	364	364	364	364	364	364	364	363	363	363	363	363	362	362
145	394	394	393	393	393	393	392	392	392	392	392	392	392	392	392	392	391	391	391
150	420	419	419	419	418	418	418	418	418	418	418	418	418	417	417	417	417	417	417
155	442	441	441	441	440	440	440	440	440	440	440	440	440	440	439	439	439	439	439
160	460	460	459	459	459	459	458	458	458	458	458	458	458	458	458	458	458	458	457
165	475	474	474	474	473	473	473	473	473	473	473	473	473	473	473	473	472	472	472
170	485	485	484	484	484	484	484	484	483	483	483	484	484	483	483	483	483	483	483
175	491	491	491	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490
180	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 610*610*30					SERIAL No.:				
MFR.: AS42216155B-01									SUR.:0.556*0.556					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	2871	2871	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2871	2872	2872	2873	2874	2874	2874
5	2843	2842	2841	2841	2840	2840	2840	2840	2840	2841	2841	2842	2843	2844	2845	2846	2847	2847	2847
10	2774	2772	2770	2769	2767	2766	2765	2765	2765	2765	2765	2766	2766	2766	2767	2769	2770	2771	2772
15	2654	2652	2649	2646	2643	2641	2640	2639	2638	2637	2637	2637	2639	2640	2641	2643	2644	2646	2646
20	2480	2477	2473	2469	2465	2461	2459	2458	2457	2456	2457	2457	2459	2462	2464	2467	2470	2472	2471
25	2265	2260	2256	2251	2246	2241	2238	2234	2232	2230	2229	2229	2232	2236	2241	2245	2249	2253	2252
30	2022	2015	2007	1999	1990	1982	1976	1971	1966	1962	1959	1957	1955	1954	1954	1955	1956	1958	1959
35	1696	1688	1680	1671	1662	1654	1650	1647	1645	1642	1639	1636	1628	1620	1612	1605	1600	1596	1599
40	1313	1317	1321	1326	1330	1332	1324	1314	1304	1293	1282	1273	1270	1269	1270	1271	1274	1278	1283
45	969	986	1006	1028	1049	1067	1063	1055	1044	1032	1019	1007	1003	999	997	996	996	996	994
50	683	696	714	734	755	775	786	794	800	803	802	798	780	760	739	720	702	689	697
55	472	481	494	508	524	540	553	565	574	580	582	580	555	526	497	470	446	429	444
60	354	355	358	361	365	370	372	375	377	380	382	385	388	390	393	395	398	400	400
65	289	283	277	271	266	263	267	273	280	288	298	309	322	336	348	360	370	377	374
70	297	285	270	253	235	218	204	193	184	178	175	176	196	219	243	266	286	301	288
75	226	215	201	186	172	158	150	145	141	140	142	146	162	180	198	215	230	241	232
80	147	143	138	133	129	125	128	131	136	141	146	152	157	161	165	168	171	172	170
85	68.5	69.4	70.7	72.2	73.9	75.9	78.6	81.3	83.9	86.0	87.7	88.6	85.9	82.6	79.1	75.7	72.7	70.3	72.5
90	1.99	2.00	2.00	2.00	2.00	2.00	1.98	1.96	1.95	1.95	1.96	1.99	2.11	2.24	2.37	2.50	2.62	2.72	2.73
95	19.0	19.0	18.9	18.9	18.9	19.0	19.2	19.3	19.6	19.8	20.1	20.5	21.0	21.5	22.0	22.4	22.8	23.1	23.0
100	50.8	50.9	51.0	51.1	51.4	51.7	52.0	52.3	52.7	53.1	53.6	54.0	54.5	55.1	55.6	56.0	56.4	56.7	56.8
105	89.8	89.9	90.1	90.4	90.8	91.1	91.5	91.9	92.2	92.6	93.0	93.4	93.8	94.1	94.5	94.8	95.1	95.4	95.6
110	132	133	133	133	133	134	134	134	134	135	135	135	135	136	136	136	136	137	137
115	176	176	176	177	177	177	177	177	177	177	177	178	178	178	178	179	179	179	179
120	218	218	219	219	219	219	219	219	219	219	219	219	219	219	220	220	220	221	221
125	258	258	258	258	259	259	259	258	258	258	258	258	258	259	259	259	260	260	260
130	296	296	296	296	296	296	296	296	296	295	295	295	296	296	296	297	297	297	297
135	330	330	330	330	331	331	330	330	330	330	330	330	330	330	331	331	332	332	332
140	362	362	362	362	362	362	362	362	362	362	362	362	362	362	363	363	363	364	364
145	391	391	391	391	391	391	391	391	391	391	391	391	391	391	392	392	392	393	393
150	417	417	417	417	417	417	417	417	417	417	417	417	417	417	417	418	418	418	418
155	439	439	439	439	439	439	439	439	439	439	439	439	439	439	440	440	440	440	440
160	457	458	458	458	458	458	458	458	458	458	458	458	458	458	458	459	459	459	459
165	472	472	472	472	473	473	473	473	473	473	473	473	473	473	473	473	473	474	474
170	483	483	483	483	483	483	483	483	483	483	483	484	484	484	484	484	484	484	484
175	490	490	490	490	490	490	490	490	490	490	490	490	490	491	491	491	491	491	491
180	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 610*610*30					SERIAL No.:				
MFR.: AS42216155B-01									SUR.:0.556*0.556					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	2874	2873	2873	2872	2872	2872	2872	2872	2872	2871	2871	2871	2871	2871	2871	2871	2871	2871	2871
5	2847	2847	2846	2846	2846	2846	2847	2847	2848	2849	2849	2850	2850	2851	2851	2851	2852	2852	2853
10	2772	2772	2772	2772	2772	2773	2775	2776	2778	2780	2781	2782	2784	2785	2786	2787	2788	2789	2790
15	2646	2646	2646	2646	2647	2649	2652	2654	2657	2660	2663	2666	2668	2671	2673	2675	2677	2678	2679
20	2470	2470	2469	2468	2469	2472	2475	2479	2484	2488	2492	2495	2497	2500	2502	2503	2505	2506	2508
25	2250	2248	2246	2245	2245	2248	2253	2259	2264	2270	2275	2279	2281	2284	2285	2287	2288	2289	2290
30	1962	1964	1968	1972	1976	1983	1990	1997	2004	2011	2017	2022	2026	2030	2033	2035	2036	2035	2033
35	1605	1612	1620	1629	1638	1646	1654	1662	1669	1677	1684	1692	1699	1706	1712	1717	1721	1724	1725
40	1288	1294	1300	1306	1313	1319	1325	1330	1335	1338	1341	1339	1337	1334	1331	1329	1327	1333	1340
45	992	992	992	995	999	1013	1027	1042	1056	1068	1076	1065	1051	1035	1020	1007	998	1012	1030
50	709	725	743	762	781	796	809	819	826	830	829	808	784	759	736	716	701	719	741
55	466	493	522	552	580	596	608	617	622	622	618	596	571	546	521	499	482	492	508
60	401	402	403	404	406	414	421	428	434	439	441	434	425	415	405	394	385	383	383
65	369	362	354	345	336	332	328	324	322	319	318	317	317	317	316	315	313	304	295
70	270	249	227	206	188	188	192	199	209	221	235	251	267	283	295	305	311	298	281
75	219	204	187	172	157	155	156	159	164	171	179	194	208	222	235	246	253	246	236
80	166	162	158	153	148	143	139	135	132	130	129	135	142	149	156	161	165	160	154
85	75.3	78.7	82.2	85.7	88.8	89.1	88.8	88.2	87.2	86.1	84.8	84.1	83.4	82.8	82.3	81.9	81.6	81.8	82.1
90	2.72	2.69	2.65	2.61	2.56	2.55	2.54	2.53	2.53	2.53	2.53	2.55	2.57	2.59	2.62	2.64	2.65	2.65	2.65
95	22.8	22.6	22.3	21.9	21.5	21.3	21.0	20.8	20.6	20.4	20.3	20.3	20.4	20.6	20.7	20.9	21.1	21.1	21.1
100	56.7	56.6	56.4	56.2	55.9	55.5	55.1	54.7	54.3	53.9	53.6	53.5	53.5	53.6	53.7	53.9	54.0	54.1	54.3
105	95.7	95.8	95.9	95.9	95.8	95.5	95.1	94.7	94.3	93.9	93.6	93.5	93.4	93.4	93.5	93.6	93.8	93.9	94.1
110	137	137	138	138	138	138	137	137	137	137	137	137	137	137	137	137	137	137	137
115	180	180	180	180	180	180	180	180	180	180	181	181	181	181	181	181	181	182	182
120	221	221	222	222	222	222	222	222	222	222	222	223	223	223	224	224	224	224	224
125	261	261	261	261	261	261	262	262	262	262	262	262	263	263	264	264	264	264	264
130	298	298	298	298	298	299	299	299	299	299	299	300	300	301	301	301	302	302	302
135	332	333	333	333	333	333	333	334	334	334	334	335	335	335	336	336	336	336	336
140	364	364	364	365	365	365	365	365	365	366	366	366	367	367	367	368	368	368	368
145	393	393	393	393	393	394	394	394	394	394	395	395	395	396	396	396	396	396	396
150	418	418	419	419	419	419	419	419	420	420	420	420	421	421	421	421	422	422	422
155	441	441	441	441	441	441	441	441	441	442	442	442	442	443	443	443	443	443	443
160	459	459	459	459	459	459	459	460	460	460	460	460	460	461	461	461	461	461	461
165	474	474	474	474	474	474	474	474	474	474	474	474	475	475	475	475	475	475	475
170	484	484	484	484	484	484	484	484	484	484	485	485	485	485	485	485	485	485	485
175	491	491	490	490	490	490	490	490	490	490	491	491	491	491	491	491	491	491	491
180	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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:229.73V I:0.2714A P:60.756W PF:0.9746 Freq:49.99Hz Lamp Flux:6410.33x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*610*30						SERIAL No.:		
MFR.: AS42216155B-01									SUR.:0.556*0.556						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	2870	2870	2870	2870	2870	2870	2870	2870	2870	2870	2871	2871	2872	2872	2873				
5	2853	2853	2854	2854	2854	2853	2853	2853	2852	2852	2852	2852	2852	2853	2853				
10	2791	2791	2792	2792	2791	2790	2789	2788	2787	2786	2785	2785	2785	2785	2785				
15	2680	2680	2680	2680	2678	2676	2674	2671	2669	2667	2666	2666	2666	2666	2666				
20	2508	2509	2509	2509	2506	2504	2501	2498	2496	2494	2494	2494	2495	2497	2499				
25	2290	2290	2290	2288	2285	2281	2277	2273	2270	2267	2268	2270	2273	2277	2282				
30	2031	2028	2025	2021	2018	2015	2013	2011	2011	2011	2013	2017	2021	2027	2034				
35	1726	1726	1725	1724	1724	1724	1723	1721	1719	1716	1711	1706	1699	1692	1684				
40	1347	1355	1362	1369	1372	1375	1375	1375	1374	1372	1369	1365	1360	1354	1346				
45	1050	1069	1086	1100	1091	1077	1061	1043	1027	1012	1009	1009	1012	1019	1029				
50	767	794	819	841	838	831	820	807	793	779	774	769	766	764	763				
55	527	547	568	587	594	598	599	596	591	582	570	555	537	516	492				
60	383	385	388	392	398	405	410	416	420	422	419	414	407	398	387				
65	286	278	272	269	276	285	297	311	325	340	351	363	374	386	397				
70	261	241	220	201	193	187	185	185	188	195	204	217	232	251	272				
75	223	209	193	178	164	151	141	133	129	129	138	152	171	195	223				
80	146	138	130	123	120	118	118	119	121	125	130	137	145	154	165				
85	82.5	83.0	83.4	83.9	84.1	84.3	84.4	84.7	85.0	85.5	86.2	87.1	88.1	89.3	90.6				
90	2.65	2.64	2.64	2.64	2.68	2.71	2.75	2.77	2.79	2.79	2.76	2.70	2.63	2.55	2.44				
95	21.2	21.2	21.3	21.4	21.8	22.1	22.5	22.9	23.3	23.7	24.0	24.2	24.4	24.7	24.8				
100	54.4	54.6	54.9	55.2	55.7	56.3	56.9	57.5	58.1	58.6	58.9	59.1	59.2	59.2	59.2				
105	94.3	94.6	94.9	95.3	95.9	96.6	97.2	97.8	98.4	98.9	99.0	99.0	99.0	98.7	98.4				
110	138	138	138	139	139	139	140	140	141	141	141	141	141	140	140				
115	182	182	182	182	183	183	183	183	184	184	184	183	183	183	182				
120	224	224	224	224	224	225	225	225	225	225	225	225	224	224	224				
125	264	264	264	264	264	264	264	264	264	264	264	264	264	263	263				
130	302	301	301	301	301	301	301	301	301	301	301	301	301	300	300				
135	336	336	336	336	336	336	336	336	336	336	336	336	335	335	334				
140	368	368	368	368	368	368	368	368	368	367	367	367	367	366	366				
145	396	396	396	396	396	396	396	396	396	396	396	396	395	395	395				
150	422	422	421	421	421	421	421	421	421	421	421	421	421	420	420				
155	443	443	443	443	443	443	443	443	443	443	443	443	442	442	442				
160	461	461	461	461	461	461	461	461	461	461	461	461	461	460	460				
165	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475				
170	485	485	485	485	485	485	485	485	485	485	485	485	485	485	485				
175	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491				
180	493	493	493	493	493	493	493	493	493	493	493	493	493	493	493				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-12-28

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: