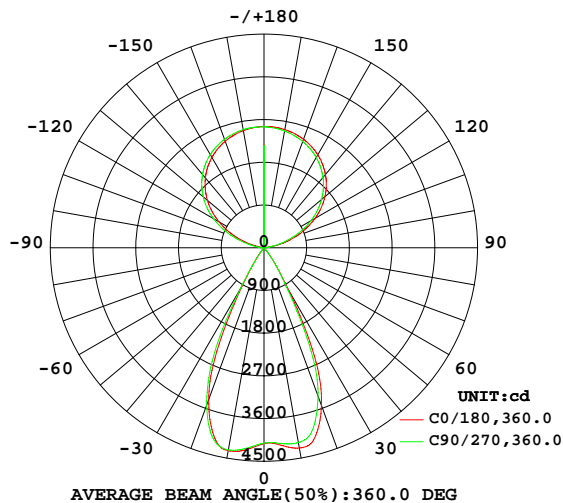


LUMINAIRE PHOTOMETRIC TEST REPORT

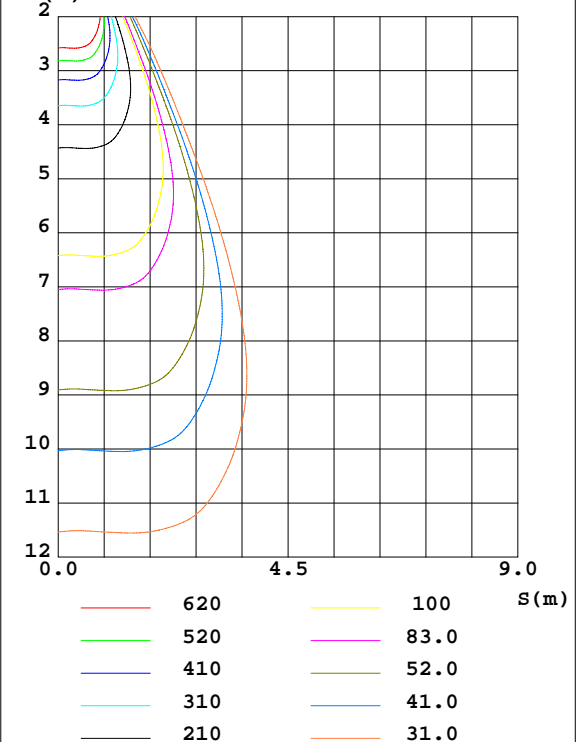
Test:U:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.33 lm/W			
MODEL		Imax(cd)	4358	S/MH(C0/180)	0.76
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	0.74
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	10127	η UP,DN(C0-180)	35.7,13.7
NOMINAL FLUX(lm)	10127.4	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	36.7,14.0
LAMPS INSIDE	1	η up(%)	72.3	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230.0	η down(%)	27.7	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:2022-05-16

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:

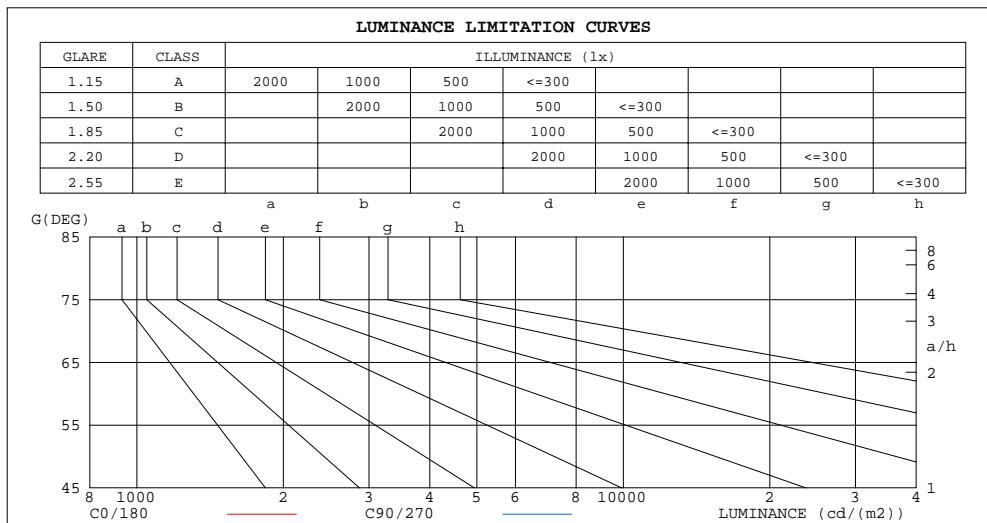
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4284	4201	4167	4249	4341	4354	4324	4306	0- 10	404.1	404.1	3.99,3.99
20	3538	3420	3331	3343	3409	3477	3531	3573	10- 20	1124	1528	15.1,15.1
30	1079	1015	948.7	894.4	873.6	914.0	986.2	1082	20- 30	1031	2559	25.3,25.3
40	76.36	98.83	84.88	69.25	39.70	42.94	37.36	62.90	30- 40	231.6	2790	27.6,27.6
50	0.6445	1.774	0.5837	1.013	0.4374	0.8044	0.5341	1.271	40- 50	11.66	2802	27.7,27.7
60	0.1890	0.1887	0.1202	0.1987	0.2108	0.1669	0.1804	0.2061	50- 60	0.3228	2802	27.7,27.7
70	0.1397	0.1180	0.1139	0.1318	0.1805	0.1466	0.1379	0.1652	60- 70	0.1534	2802	27.7,27.7
80	0.1434	0.1158	0.1075	0.1053	0.2667	0.1408	0.1443	0.1515	70- 80	0.1495	2803	27.7,27.7
90	0.2921	0.1106	4.663	0.2792	0.3780	0.1316	3.277	0.1418	80- 90	0.3122	2803	27.7,27.7
100	138.5	198.2	167.4	96.13	62.85	102.3	192.7	213.8	90-100	45.20	2848	28.1,28.1
110	737.9	673.5	630.0	561.6	569.9	593.5	690.3	722.3	100-110	407.2	3255	32.1,32.1
120	1243	1184	1146	1078	1096	1125	1229	1246	110-120	899.2	4155	41,41
130	1677	1624	1584	1538	1557	1591	1671	1689	120-130	1250	5405	53.4,53.4
140	2015	1970	1935	1906	1923	1957	2015	2030	130-140	1390	6794	67.1,67.1
150	2265	2228	2201	2184	2198	2225	2266	2278	140-150	1320	8114	80.1,80.1
160	2433	2403	2385	2378	2390	2406	2432	2441	150-160	1074	9188	90.7,90.7
170	2529	2508	2499	2498	2508	2512	2527	2533	160-170	697.6	9886	97.6,97.6
180	2555	2555	2555	2555	2555	2555	2555	2555	170-180	241.7	10127	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:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	53	38
80	26	20
75	17	13
70	13	11
65	10	9
60	12	8
55	18	15
50	32	29
45	268	294

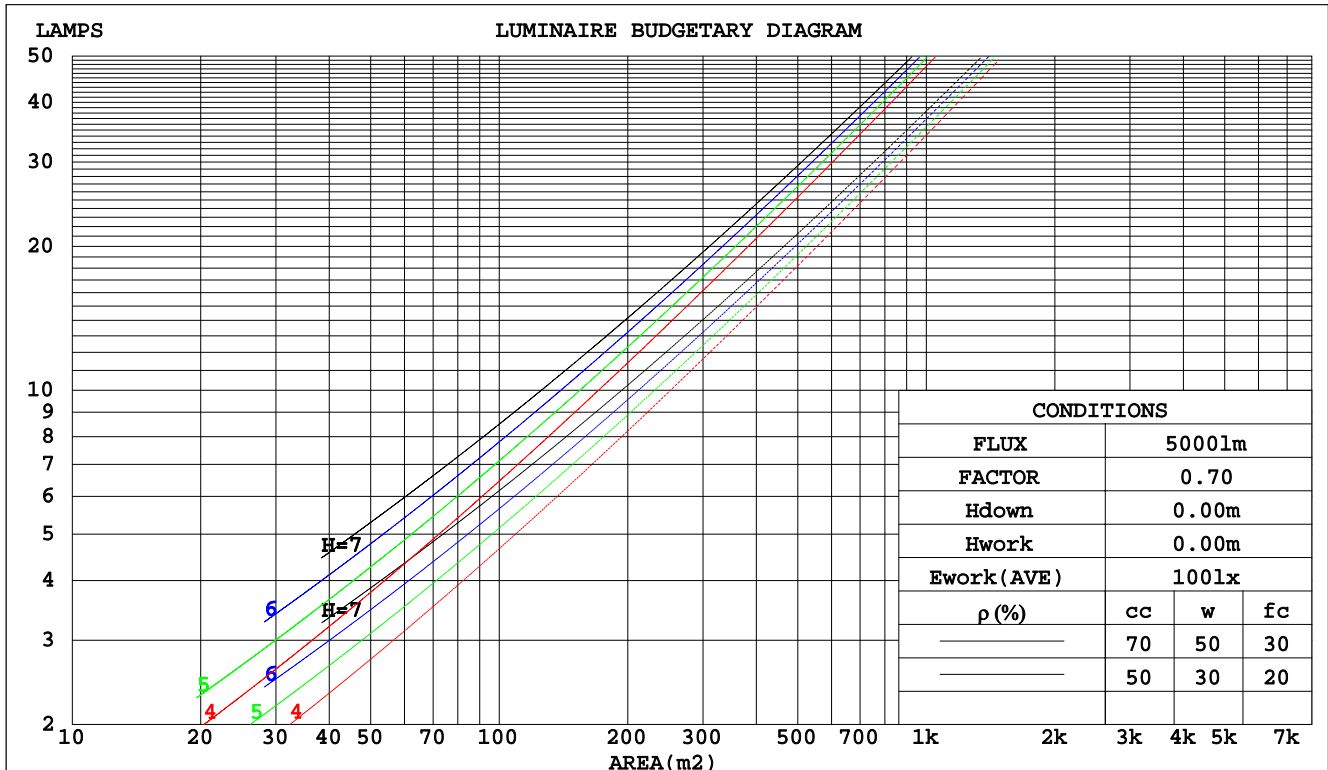
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	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	.87	.85	.81	.79	.77	.64	.63	.61	.48	.47	.47	.34	.33	.33	.26
2.0	.81	.76	.72	.73	.69	.66	.58	.56	.53	.45	.43	.42	.32	.31	.31	.25
3.0	.73	.67	.62	.66	.61	.57	.53	.50	.47	.41	.39	.38	.30	.29	.28	.24
4.0	.66	.60	.55	.60	.55	.51	.49	.45	.42	.38	.36	.34	.29	.27	.27	.22
5.0	.60	.54	.49	.55	.49	.45	.45	.41	.38	.36	.33	.31	.27	.26	.25	.21
6.0	.55	.49	.44	.51	.45	.41	.42	.38	.35	.33	.31	.29	.26	.24	.23	.20
7.0	.51	.44	.39	.47	.41	.37	.39	.35	.32	.31	.29	.27	.24	.23	.22	.19
8.0	.47	.40	.36	.43	.38	.34	.36	.32	.29	.30	.27	.25	.23	.22	.21	.18
9.0	.44	.37	.33	.40	.35	.31	.34	.30	.27	.28	.25	.23	.22	.21	.20	.18
10.0	.41	.34	.30	.38	.32	.29	.32	.28	.25	.26	.24	.22	.21	.20	.19	.17



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	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	.230	.131	.041	.201	.115	.036	.147	.084	.027	.098	.056	.018	.052	.030	.010	
2.0	.212	.116	.036	.186	.102	.032	.137	.076	.024	.092	.052	.016	.050	.028	.009	
3.0	.197	.105	.031	.173	.093	.028	.128	.069	.021	.087	.047	.015	.048	.027	.008	
4.0	.183	.095	.028	.161	.084	.025	.120	.064	.019	.082	.044	.013	.046	.025	.008	
5.0	.171	.087	.025	.151	.077	.023	.113	.059	.017	.077	.041	.012	.044	.024	.007	
6.0	.160	.080	.023	.142	.072	.021	.106	.054	.016	.073	.038	.011	.042	.022	.007	
7.0	.151	.074	.021	.133	.066	.019	.100	.051	.015	.070	.036	.010	.041	.021	.006	
8.0	.142	.069	.019	.126	.062	.018	.095	.048	.014	.066	.034	.010	.039	.020	.006	
9.0	.134	.065	.018	.119	.058	.016	.090	.045	.013	.063	.032	.009	.038	.019	.006	
10.0	.127	.061	.017	.113	.055	.015	.086	.042	.012	.060	.030	.009	.036	.018	.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	.742	.742	.742	.634	.634	.634	.433	.433	.433	.248	.248	.248	.079	.079	.079		
1.0	.730	.712	.696	.625	.611	.599	.427	.421	.414	.246	.243	.241	.079	.078	.078		
2.0	.721	.692	.667	.617	.595	.577	.423	.412	.402	.244	.240	.236	.078	.078	.077		
3.0	.713	.676	.647	.611	.583	.561	.419	.405	.393	.242	.237	.232	.078	.077	.076		
4.0	.705	.664	.633	.605	.574	.550	.416	.400	.387	.241	.234	.229	.077	.076	.075		
5.0	.699	.655	.623	.600	.567	.542	.413	.396	.383	.239	.232	.227	.077	.076	.075		
6.0	.693	.648	.615	.595	.561	.536	.411	.393	.379	.238	.231	.225	.077	.076	.074		
7.0	.687	.642	.610	.591	.556	.531	.408	.390	.376	.237	.230	.224	.077	.075	.074		
8.0	.682	.636	.605	.587	.552	.528	.406	.388	.374	.236	.229	.223	.076	.075	.074		
9.0	.677	.632	.602	.583	.549	.525	.404	.386	.373	.235	.228	.222	.076	.075	.074		
10.0	.673	.629	.599	.580	.546	.523	.402	.384	.371	.235	.227	.222	.076	.075	.073		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 1056*64*35			SERIAL No.:			
MFR.: AS2292086-04					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	4.3	4.9	5.3	6.0	7.3	4.2	4.8	5.2	5.8	7.2	
	3H	3.9	4.5	5.0	5.5	7.0	3.8	4.4	4.9	5.4	6.8
	4H	3.7	4.3	4.8	5.3	6.8	3.6	4.2	4.7	5.2	6.6
	6H	3.5	4.0	4.7	5.1	6.6	3.4	3.9	4.5	5.0	6.4
	8H	3.4	3.9	4.6	5.0	6.5	3.3	3.8	4.4	4.9	6.3
	12H	3.3	3.8	4.5	4.9	6.4	3.2	3.7	4.3	4.8	6.2
4H	2H	3.7	4.3	4.8	5.3	6.8	3.6	4.2	4.7	5.2	6.6
	3H	3.3	3.8	4.5	4.9	6.4	3.2	3.7	4.3	4.8	6.2
	4H	3.1	3.5	4.3	4.6	6.1	3.0	3.4	4.2	4.5	6.0
	6H	2.9	3.3	4.1	4.4	5.9	2.8	3.2	4.0	4.3	5.8
	8H	2.8	3.1	4.0	4.3	5.8	2.7	3.0	3.9	4.2	5.7
	12H	2.7	3.0	3.9	4.1	5.7	2.6	2.9	3.8	4.0	5.6
8H	4H	2.8	3.1	4.0	4.3	5.8	2.7	3.0	3.9	4.2	5.7
	6H	2.6	2.9	3.8	4.0	5.6	2.5	2.8	3.7	3.9	5.5
	8H	2.5	2.7	3.7	3.9	5.5	2.4	2.6	3.6	3.8	5.3
	12H	2.4	2.6	3.6	3.7	5.3	2.3	2.5	3.5	3.6	5.2
12H	4H	2.7	3.0	3.9	4.1	5.7	2.6	2.9	3.8	4.0	5.6
	6H	2.5	2.7	3.7	3.9	5.5	2.4	2.6	3.6	3.8	5.3
	8H	2.4	2.6	3.6	3.7	5.3	2.3	2.5	3.5	3.6	5.2
Variations with the observer position at spacings:											
S = 1.0H	+ 4.6 / -26.4					+ 4.5 / -27.0					
1.5H	+ 7.4 / -26.0					+ 7.3 / -26.4					
2.0H	+ 7.2 / - 6.4					+ 7.1 / - 7.0					

CIE Pub.117, 10127 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.0)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:

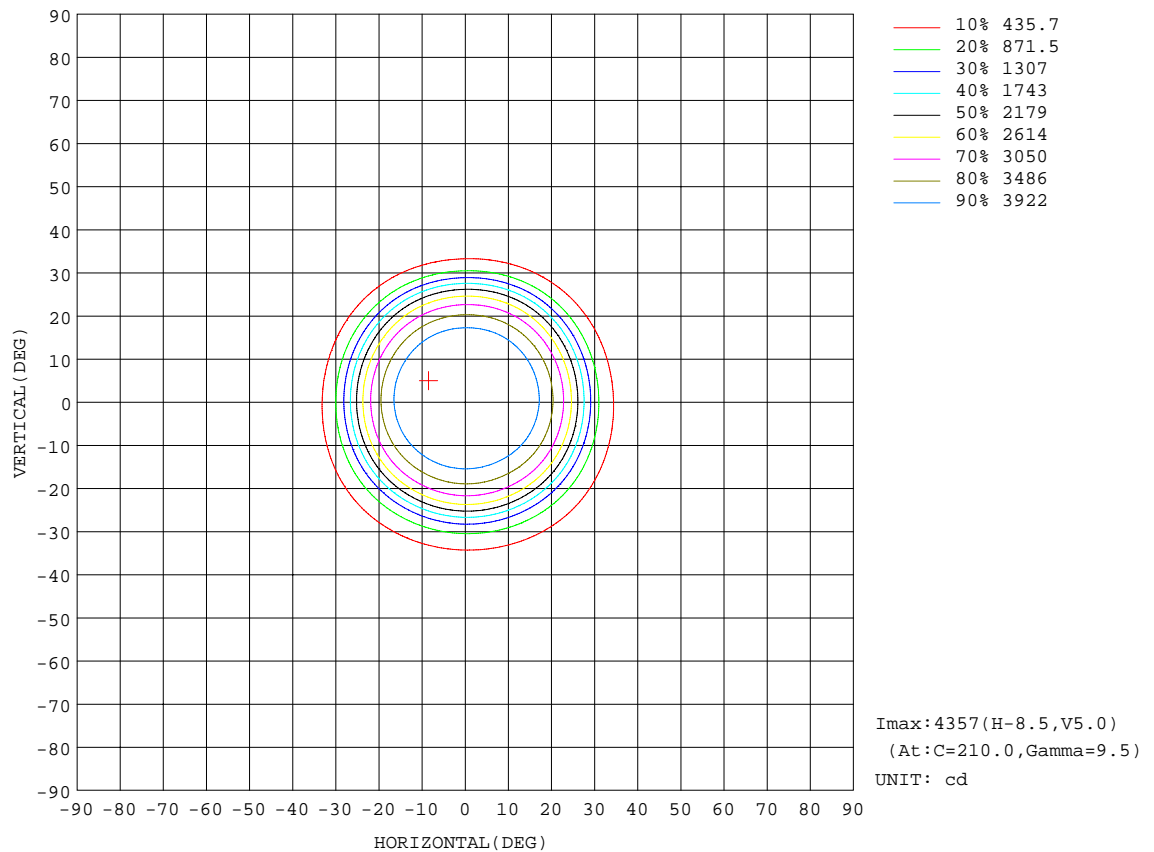
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	38	33	44	36	32	38	33	29	22
0.80	56	46	40	51	43	38	44	38	34	24
1.00	62	52	46	57	48	43	47	42	38	25
1.25	68	58	52	62	54	48	51	46	42	26
1.50	72	63	57	66	58	53	54	49	45	26
2.00	78	70	64	71	64	59	57	53	49	27
2.50	82	75	69	74	68	63	59	55	52	27
3.00	85	78	73	77	71	67	61	58	55	27
4.00	89	83	79	80	75	72	63	61	58	27
5.00	91	87	83	82	78	75	65	63	60	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:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:

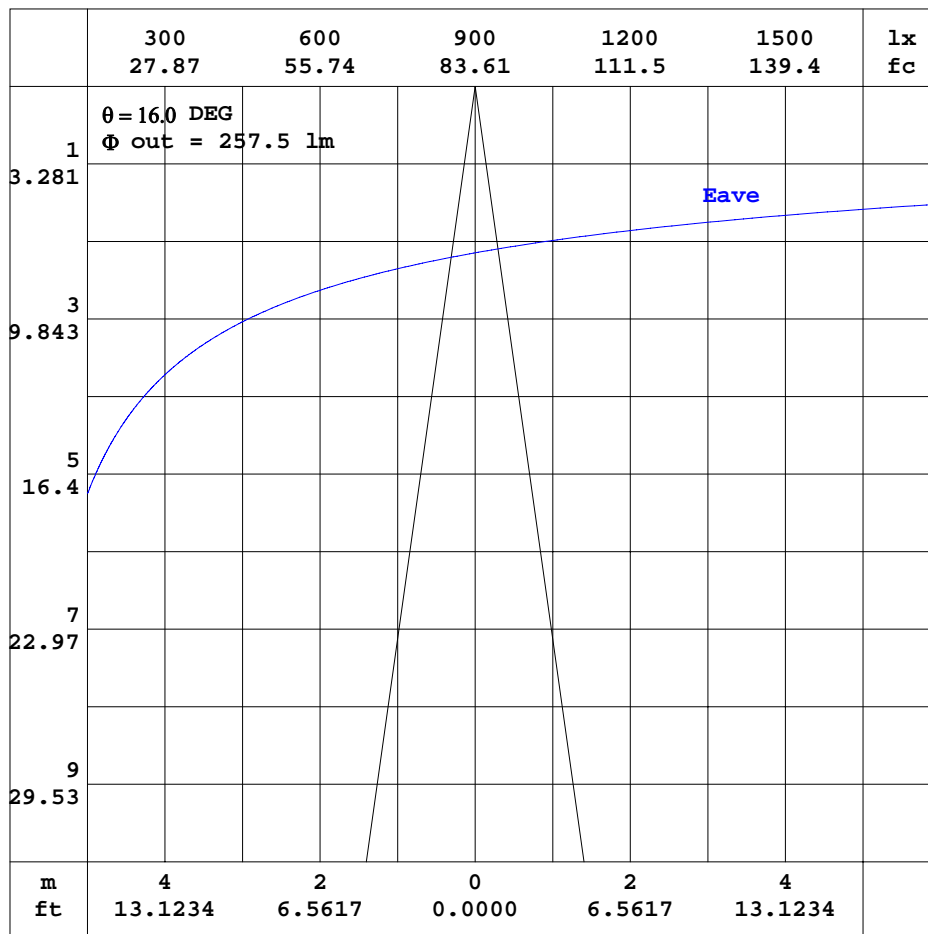


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:



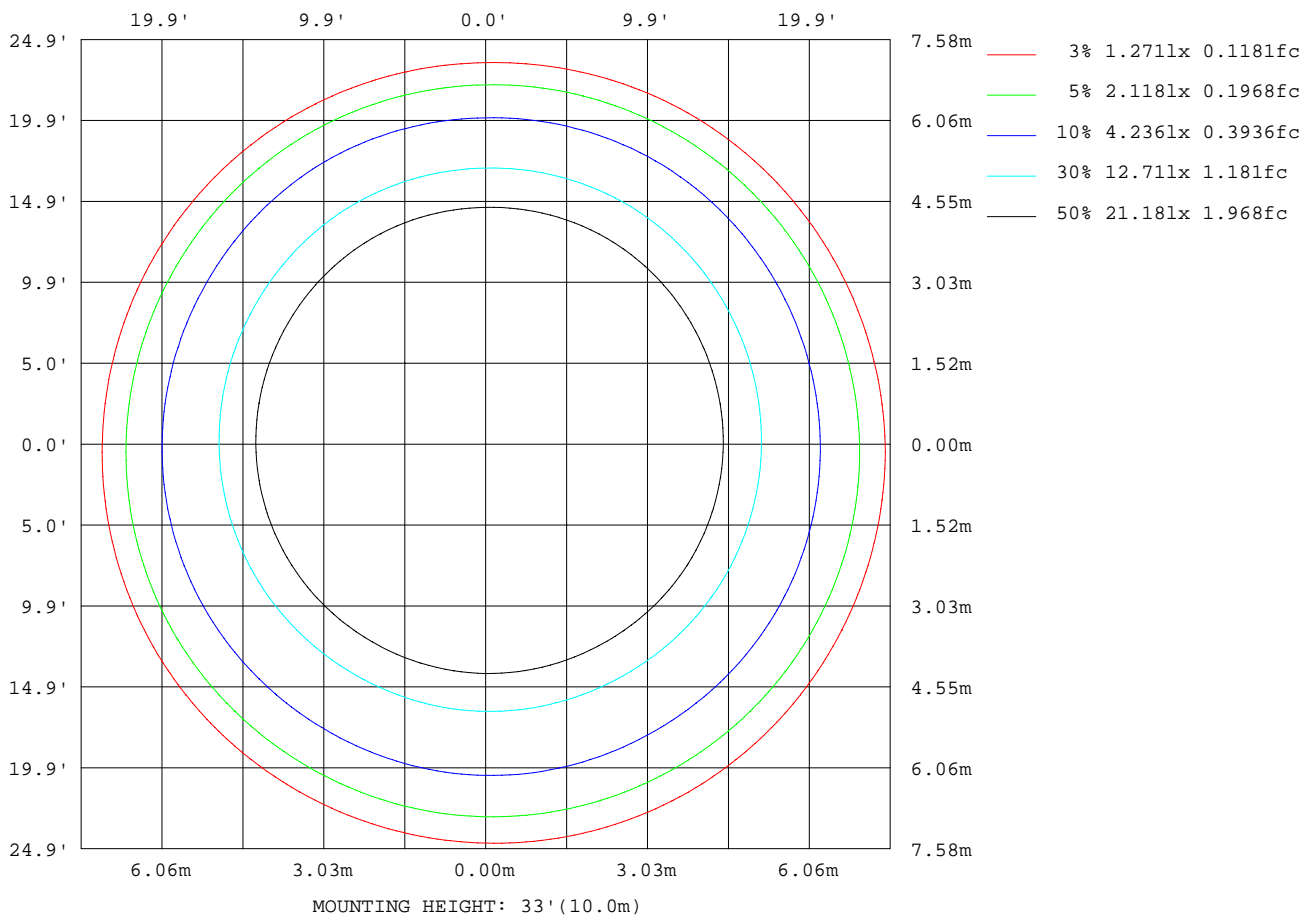
Note: The Curves indicate the illuminated area and the average illuminance when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	SUR.:0.635*0.05	Shielding Angle:

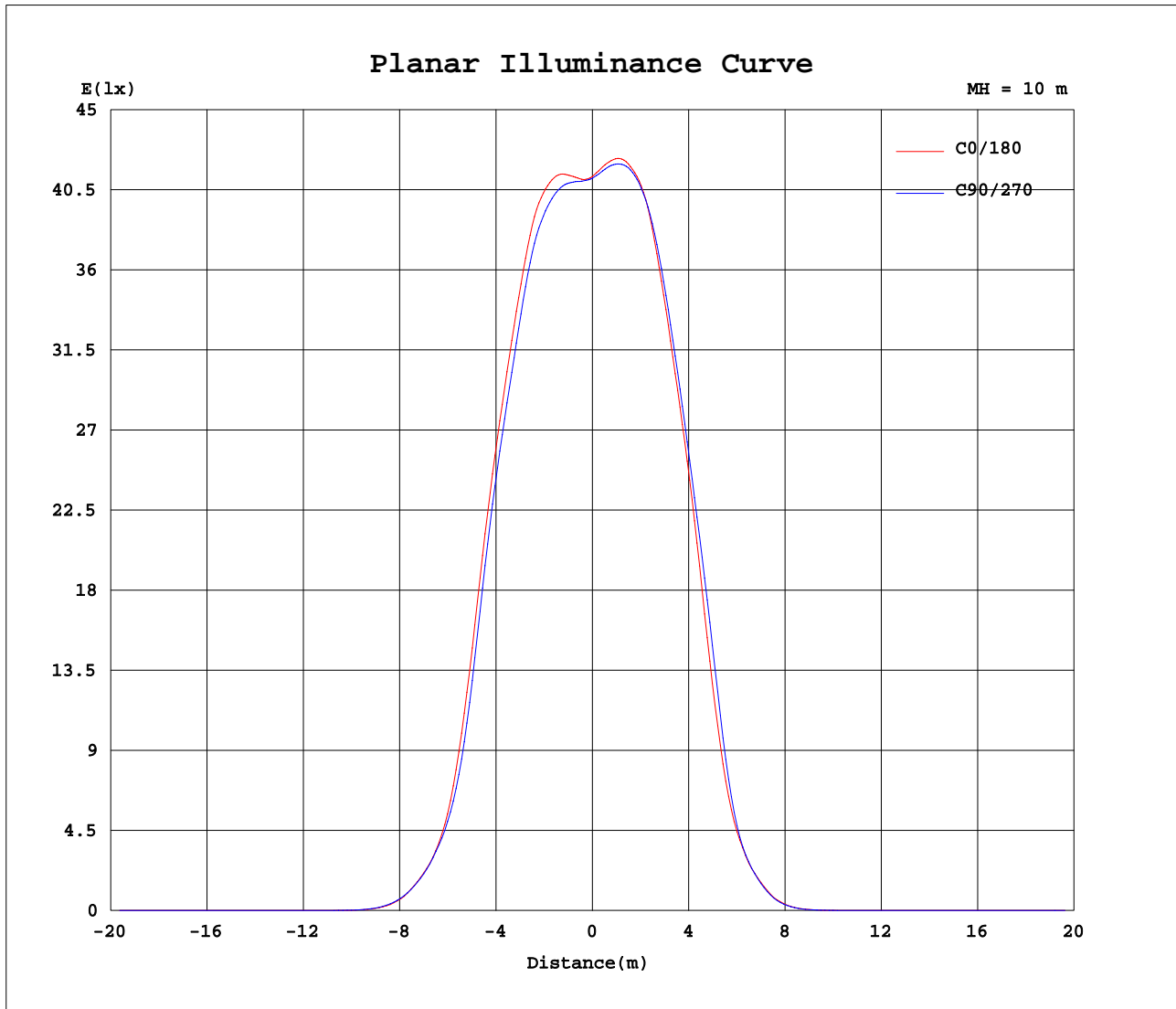
AvgL	cd/m2
L_0~180(65)av	12
L_0~180(75)av	22
L_0~180(85)av	101
L_90~270(65)av	10
L_90~270(75)av	15
L_90~270(85)av	45
L_45(65)av	11
L_45(75)av	16
L_45(85)av	44

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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: 2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1056*64*35						SERIAL No.:		
MFR.: AS2292086-04									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	4125	4125	4125	4125	4125	4125	4124	4123	4122	4121	4120	4119	4118	4117	4117	4117	4116	4116	4115
5	4176	4170	4164	4159	4154	4150	4146	4142	4138	4135	4132	4130	4129	4128	4129	4130	4132	4135	4138
10	4284	4275	4266	4258	4249	4240	4231	4221	4211	4201	4192	4184	4177	4172	4168	4165	4164	4165	4167
15	4141	4131	4121	4110	4098	4086	4074	4059	4044	4029	4014	4001	3989	3981	3976	3971	3968	3967	3966
20	3538	3530	3521	3510	3499	3486	3473	3456	3438	3420	3403	3386	3371	3361	3352	3345	3339	3335	3331
25	2510	2503	2494	2483	2471	2458	2443	2423	2403	2382	2361	2341	2321	2308	2297	2287	2277	2268	2259
30	1079	1075	1070	1065	1058	1052	1044	1035	1025	1015	1005	995	986	979	973	967	961	955	949
35	386	390	393	396	398	400	401	401	400	399	398	396	394	392	389	386	383	380	376
40	76.4	80.7	84.5	87.9	90.8	93.3	95.4	97.0	98.1	98.8	99.1	98.9	98.2	96.6	94.6	92.3	89.8	87.3	84.9
45	6.02	8.25	10.2	11.9	13.4	14.5	15.4	16.1	16.5	16.6	16.4	16.1	15.4	14.0	12.4	10.8	9.18	7.75	6.59
50	0.64	0.89	1.10	1.28	1.44	1.56	1.66	1.73	1.76	1.77	1.76	1.71	1.63	1.46	1.27	1.07	0.89	0.72	0.58
55	0.32	0.30	0.29	0.29	0.28	0.29	0.29	0.31	0.34	0.36	0.39	0.41	0.42	0.40	0.38	0.35	0.32	0.30	0.27
60	0.19	0.17	0.15	0.14	0.13	0.13	0.13	0.15	0.17	0.19	0.21	0.23	0.24	0.22	0.20	0.18	0.16	0.14	0.12
65	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.15	0.15	0.15	0.15	0.14	0.14	0.13	0.12	0.12
70	0.14	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11
75	0.14	0.14	0.13	0.12	0.12	0.12	0.12	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11
80	0.14	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11
85	0.15	0.14	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10
90	0.29	0.25	0.22	0.19	0.17	0.15	0.13	0.12	0.11	0.11	0.11	0.11	0.11	5.60	0.10	0.09	0.09	0.09	4.66
95	13.7	17.0	19.9	22.6	24.9	26.9	28.6	29.8	30.7	31.4	31.9	32.2	32.5	33.3	34.1	34.5	34.7	34.5	33.7
100	138	151	162	171	179	186	192	195	197	198	198	197	195	192	188	184	179	173	167
105	470	463	456	449	442	436	431	426	422	418	414	410	406	403	399	395	390	385	380
110	738	725	714	704	695	687	681	677	675	673	672	671	669	664	658	652	645	638	630
115	994	981	969	958	949	942	936	934	934	934	934	934	934	930	925	919	912	905	897
120	1243	1230	1218	1208	1199	1192	1186	1185	1184	1184	1185	1185	1184	1180	1174	1168	1161	1154	1146
125	1473	1461	1450	1441	1432	1425	1420	1418	1416	1416	1415	1415	1413	1408	1403	1396	1390	1383	1376
130	1677	1667	1658	1650	1643	1636	1631	1628	1626	1624	1623	1621	1619	1614	1608	1602	1596	1590	1584
135	1858	1850	1842	1834	1828	1822	1817	1814	1811	1809	1807	1804	1802	1797	1792	1786	1781	1775	1770
140	2015	2008	2001	1995	1989	1984	1979	1976	1973	1970	1968	1965	1963	1958	1954	1949	1944	1939	1935
145	2151	2144	2138	2133	2128	2123	2119	2115	2112	2110	2107	2104	2102	2098	2094	2090	2086	2082	2079
150	2265	2259	2254	2249	2244	2240	2236	2233	2230	2228	2225	2223	2220	2217	2214	2210	2207	2204	2201
155	2358	2353	2348	2344	2340	2336	2333	2330	2327	2325	2322	2320	2318	2315	2313	2310	2307	2305	2302
160	2433	2428	2424	2420	2416	2413	2410	2407	2405	2403	2401	2399	2397	2395	2393	2390	2388	2386	2385
165	2490	2486	2482	2478	2475	2472	2469	2467	2465	2464	2462	2461	2459	2457	2456	2454	2453	2451	2450
170	2529	2526	2523	2520	2517	2514	2512	2511	2509	2508	2507	2506	2505	2504	2503	2502	2501	2500	2499
175	2551	2548	2546	2543	2541	2539	2538	2537	2536	2536	2535	2535	2535	2534	2534	2533	2533	2533	2532
180	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1056*64*35					SERIAL No.:				
MFR.: AS2292086-04									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	4115	4114	4113	4113	4112	4111	4111	4110	4110	4109	4110	4110	4112	4115	4117	4120	4123	4125	4125
5	4143	4149	4155	4162	4170	4177	4184	4191	4199	4206	4214	4221	4230	4239	4247	4255	4262	4269	4273
10	4172	4179	4187	4197	4207	4217	4228	4238	4249	4261	4272	4283	4294	4305	4315	4324	4333	4341	4346
15	3967	3968	3970	3973	3978	3983	3991	3999	4008	4018	4028	4039	4049	4059	4068	4078	4087	4095	4102
20	3327	3324	3322	3321	3322	3324	3329	3335	3343	3351	3359	3368	3375	3382	3389	3395	3402	3409	3415
25	2247	2235	2223	2213	2204	2198	2197	2199	2202	2206	2211	2216	2218	2221	2223	2227	2232	2239	2249
30	940	932	924	916	909	903	899	896	894	893	891	890	887	883	880	877	875	874	874
35	371	366	361	355	350	344	340	336	332	328	324	320	314	309	303	298	293	288	284
40	83.4	82.1	80.7	79.4	77.9	76.3	74.1	71.8	69.3	66.5	63.7	60.6	56.7	52.8	49.0	45.5	42.3	39.7	39.1
45	6.91	7.49	8.24	9.07	9.88	10.6	10.4	10.0	9.50	8.87	8.14	7.34	6.43	5.51	4.64	3.85	3.19	2.69	2.91
50	0.63	0.71	0.81	0.92	1.03	1.13	1.11	1.07	1.01	0.95	0.87	0.79	0.71	0.64	0.57	0.51	0.47	0.44	0.47
55	0.29	0.31	0.33	0.35	0.37	0.39	0.37	0.36	0.34	0.31	0.29	0.27	0.25	0.24	0.24	0.23	0.23	0.24	0.25
60	0.14	0.16	0.18	0.20	0.22	0.24	0.23	0.22	0.20	0.18	0.16	0.15	0.15	0.16	0.17	0.19	0.20	0.21	0.21
65	0.12	0.13	0.13	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.17	0.17	0.18	0.19	0.19
70	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.18
75	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.17	0.19	0.20	0.21	0.22	0.22
80	0.10	0.10	0.10	0.10	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.18	0.21	0.23	0.25	0.27	0.26
85	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.18	0.24	0.29	0.34	0.38	0.41	0.38
90	0.16	0.22	0.28	0.34	0.39	0.42	0.38	0.33	0.28	0.22	0.17	3.96	0.16	0.20	0.25	0.30	0.34	0.38	0.35
95	31.0	27.8	24.5	21.0	17.6	14.5	12.9	11.8	11.0	10.4	10.1	9.92	9.80	9.78	9.83	9.91	10.0	10.1	9.58
100	163	158	152	146	139	132	120	108	96.1	84.6	74.0	64.8	61.6	59.9	59.5	60.0	61.2	62.8	60.9
105	372	363	355	346	337	328	321	314	307	302	297	294	293	293	294	296	297	299	299
110	621	613	604	596	588	580	573	567	562	557	554	552	553	556	559	563	566	570	570
115	889	880	871	862	854	845	837	829	822	816	811	808	812	817	823	830	836	842	840
120	1140	1133	1126	1119	1111	1104	1095	1086	1078	1071	1066	1062	1065	1070	1076	1083	1090	1096	1094
125	1370	1364	1359	1353	1348	1342	1334	1326	1318	1312	1307	1303	1307	1312	1318	1324	1331	1337	1336
130	1579	1575	1570	1566	1562	1557	1550	1544	1538	1533	1528	1526	1529	1533	1539	1545	1551	1557	1557
135	1766	1762	1759	1755	1752	1748	1743	1738	1733	1730	1727	1725	1727	1731	1736	1741	1746	1751	1753
140	1931	1928	1925	1923	1920	1917	1913	1910	1906	1904	1902	1900	1903	1906	1910	1914	1918	1923	1924
145	2076	2073	2071	2068	2066	2064	2061	2058	2056	2054	2053	2052	2054	2057	2060	2064	2067	2071	2073
150	2198	2196	2194	2193	2191	2190	2188	2186	2184	2183	2182	2182	2184	2186	2189	2191	2194	2198	2199
155	2301	2299	2298	2296	2295	2294	2293	2292	2291	2290	2290	2290	2292	2294	2296	2298	2301	2303	2305
160	2383	2382	2381	2381	2380	2379	2379	2378	2378	2378	2378	2378	2380	2382	2384	2386	2388	2390	2391
165	2449	2448	2448	2447	2447	2447	2447	2447	2447	2447	2447	2448	2449	2451	2453	2454	2456	2458	2458
170	2499	2498	2498	2498	2498	2498	2498	2498	2498	2499	2499	2500	2501	2502	2504	2506	2507	2508	2508
175	2532	2532	2533	2533	2533	2533	2534	2534	2534	2534	2535	2535	2536	2537	2538	2539	2540	2541	2540
180	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1056*64*35	SERIAL No.:
MFR.: AS2292086-04	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	4126	4126	4125	4125	4124	4123	4122	4121	4120	4119	4118	4117	4117	4117	4116	4116	4115	4115	4114
5	4276	4278	4279	4280	4279	4278	4276	4273	4270	4267	4263	4260	4256	4252	4248	4244	4240	4235	4231
10	4350	4353	4356	4357	4357	4357	4356	4354	4352	4349	4346	4343	4339	4335	4331	4327	4324	4321	4319
15	4108	4113	4118	4123	4127	4133	4138	4143	4147	4151	4154	4155	4155	4155	4154	4154	4154	4156	4159
20	3422	3428	3435	3442	3449	3458	3467	3477	3486	3495	3503	3508	3513	3518	3522	3526	3531	3538	3546
25	2260	2274	2288	2304	2322	2343	2366	2388	2410	2431	2451	2464	2475	2485	2494	2502	2510	2522	2534
30	874	876	879	883	888	896	905	914	924	934	944	950	957	963	970	978	986	1001	1016
35	281	279	276	274	273	271	270	269	268	268	268	269	269	271	273	275	278	283	288
40	39.1	39.5	40.2	41.1	42.1	42.4	42.7	42.9	43.0	43.0	42.8	41.6	40.3	39.0	38.1	37.5	37.4	39.4	41.9
45	3.29	3.78	4.34	4.92	5.47	5.69	5.84	5.91	5.91	5.82	5.65	5.11	4.53	3.96	3.45	3.04	2.79	3.23	3.82
50	0.52	0.58	0.64	0.70	0.76	0.78	0.80	0.80	0.80	0.79	0.78	0.73	0.68	0.63	0.59	0.55	0.53	0.57	0.63
55	0.27	0.29	0.31	0.32	0.34	0.32	0.31	0.29	0.27	0.25	0.23	0.23	0.24	0.25	0.26	0.27	0.28	0.27	0.27
60	0.22	0.22	0.22	0.21	0.21	0.19	0.18	0.17	0.15	0.14	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.18	0.18
65	0.18	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15
70	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.14	0.14	0.14	0.14
75	0.21	0.20	0.18	0.17	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.14
80	0.24	0.22	0.20	0.17	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15
85	0.35	0.30	0.25	0.20	0.15	0.14	0.13	0.13	0.13	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
90	0.32	0.28	0.23	0.19	2.63	0.14	0.13	0.13	0.13	0.14	2.72	2.75	2.78	2.83	2.90	2.98	3.28	3.25	3.43
95	9.09	8.65	8.32	8.14	8.18	8.58	9.29	10.3	11.8	13.6	15.9	20.3	24.9	29.6	34.0	37.9	41.2	41.0	40.1
100	59.4	58.7	59.1	61.1	64.9	75.8	88.5	102	117	131	145	155	164	173	180	187	193	198	203
105	298	298	298	300	303	309	318	327	337	348	359	370	382	393	404	414	423	428	431
110	569	569	569	570	572	578	585	593	603	613	623	635	647	659	670	680	690	697	702
115	837	835	833	832	832	841	851	863	876	889	903	916	929	941	953	963	973	979	984
120	1092	1090	1088	1088	1090	1100	1112	1125	1140	1154	1169	1181	1192	1203	1212	1221	1229	1235	1240
125	1335	1334	1333	1334	1336	1346	1357	1370	1384	1397	1411	1421	1431	1440	1449	1456	1463	1468	1473
130	1557	1557	1557	1559	1561	1570	1580	1591	1603	1614	1626	1635	1643	1651	1659	1665	1671	1676	1681
135	1754	1755	1756	1758	1761	1769	1777	1787	1796	1806	1815	1823	1831	1838	1844	1850	1855	1860	1864
140	1926	1928	1930	1933	1936	1942	1949	1957	1964	1972	1980	1987	1993	1999	2005	2010	2015	2019	2022
145	2075	2077	2079	2082	2085	2090	2096	2102	2109	2115	2122	2128	2133	2139	2144	2148	2152	2156	2159
150	2201	2203	2205	2208	2211	2215	2220	2225	2230	2235	2240	2245	2250	2254	2259	2263	2266	2269	2272
155	2307	2308	2310	2312	2314	2318	2321	2325	2329	2334	2338	2342	2345	2349	2353	2356	2359	2361	2363
160	2392	2393	2394	2396	2397	2400	2403	2406	2409	2412	2415	2418	2422	2424	2427	2430	2432	2434	2436
165	2459	2459	2460	2460	2461	2463	2465	2468	2470	2473	2475	2478	2480	2482	2484	2486	2488	2490	2491
170	2508	2508	2507	2507	2507	2509	2510	2512	2514	2516	2518	2519	2521	2523	2524	2526	2527	2528	2529
175	2539	2538	2538	2537	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2545	2546	2547	2547	2548
180	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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:229.80V I:0.3378A P:75.956W PF:0.9786 Freq:49.99Hz Lamp Flux:10127.4x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1056*64*35						SERIAL No.:		
MFR.: AS2292086-04									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	4113	4113	4112	4111	4111	4110	4110	4109	4110	4110	4111	4113	4115	4118	4121				
5	4227	4223	4218	4214	4210	4206	4203	4199	4195	4192	4189	4186	4183	4180	4178				
10	4317	4315	4313	4311	4310	4308	4306	4304	4302	4300	4298	4295	4293	4290	4287				
15	4161	4164	4167	4169	4169	4169	4169	4167	4166	4164	4161	4158	4155	4151	4146				
20	3553	3560	3566	3571	3573	3574	3573	3572	3569	3566	3563	3560	3555	3550	3545				
25	2545	2554	2562	2568	2567	2564	2558	2552	2545	2538	2533	2528	2524	2519	2515				
30	1032	1046	1060	1073	1078	1081	1082	1083	1082	1081	1081	1081	1081	1081	1080				
35	293	300	306	312	319	325	331	338	344	350	356	362	368	374	380				
40	44.9	48.1	51.5	54.9	57.7	60.4	62.9	65.3	67.5	69.5	71.2	72.7	73.9	74.9	75.8				
45	4.55	5.37	6.24	7.13	8.01	8.84	9.57	10.2	10.6	10.9	10.7	10.2	9.51	8.59	7.42				
50	0.69	0.77	0.85	0.94	1.06	1.17	1.27	1.35	1.42	1.45	1.40	1.32	1.21	1.06	0.87				
55	0.27	0.26	0.26	0.27	0.29	0.31	0.33	0.35	0.37	0.39	0.39	0.38	0.38	0.36	0.34				
60	0.18	0.18	0.17	0.18	0.18	0.20	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.21	0.20				
65	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.16	0.15				
70	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15				
75	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15				
80	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14				
85	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15				
90	3.62	3.82	4.03	4.23	0.15	0.15	0.14	0.14	0.14	5.12	0.16	0.18	0.20	0.23	0.26				
95	38.6	36.7	34.5	32.3	31.6	30.9	30.3	29.6	28.7	27.6	26.0	24.0	21.8	19.4	16.7				
100	206	209	212	213	214	215	214	212	209	204	197	188	178	167	153				
105	434	437	439	441	445	449	453	456	460	463	465	467	469	470	470				
110	707	710	713	716	718	720	722	724	725	727	729	731	732	734	736				
115	988	990	992	993	993	992	991	990	989	988	988	989	990	991	992				
120	1244	1247	1249	1250	1249	1248	1246	1244	1242	1240	1239	1239	1240	1240	1241				
125	1477	1480	1483	1484	1483	1482	1480	1478	1476	1474	1473	1473	1472	1472	1472				
130	1685	1688	1690	1691	1691	1690	1689	1687	1685	1683	1682	1681	1680	1679	1678				
135	1867	1870	1872	1874	1874	1873	1872	1871	1869	1868	1866	1865	1863	1862	1860				
140	2025	2028	2029	2031	2031	2031	2030	2030	2028	2027	2025	2024	2022	2020	2018				
145	2161	2163	2164	2165	2166	2166	2165	2165	2164	2163	2161	2160	2158	2156	2153				
150	2274	2275	2276	2277	2278	2278	2278	2278	2277	2276	2275	2274	2272	2270	2267				
155	2365	2366	2368	2368	2369	2369	2370	2369	2369	2368	2367	2366	2364	2363	2361				
160	2437	2438	2439	2440	2441	2441	2441	2441	2441	2441	2440	2439	2438	2437	2435				
165	2492	2493	2494	2494	2495	2495	2495	2495	2495	2495	2495	2494	2493	2492	2491				
170	2530	2531	2531	2532	2532	2533	2533	2533	2533	2533	2533	2532	2532	2531	2530				
175	2549	2549	2550	2550	2551	2551	2551	2551	2552	2552	2552	2552	2552	2552	2551				
180	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-16

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: