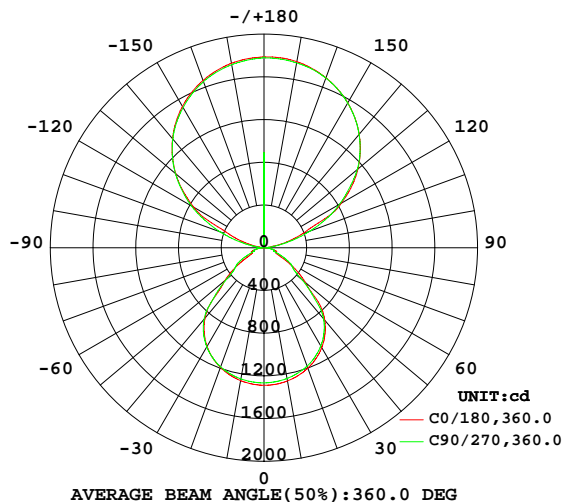


LUMINAIRE PHOTOMETRIC TEST REPORT

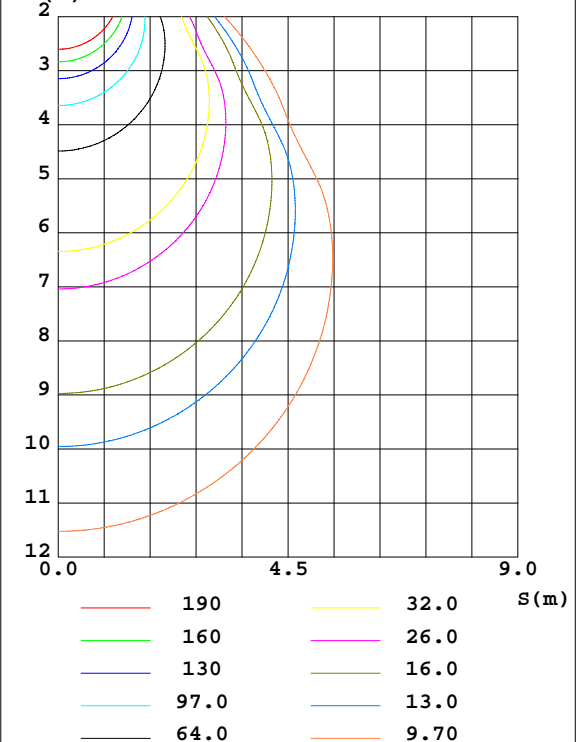
Test:U:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.52 lm/W			
MODEL		Imax(cd)	1788	S/MH(C0/180)	1.23
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	7731.3	η UP,DN(C0-180)	32.7,17.8
NOMINAL FLUX(lm)	7731.32	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	31.8,17.7
LAMPS INSIDE	1	η up(%)	64.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	35.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:

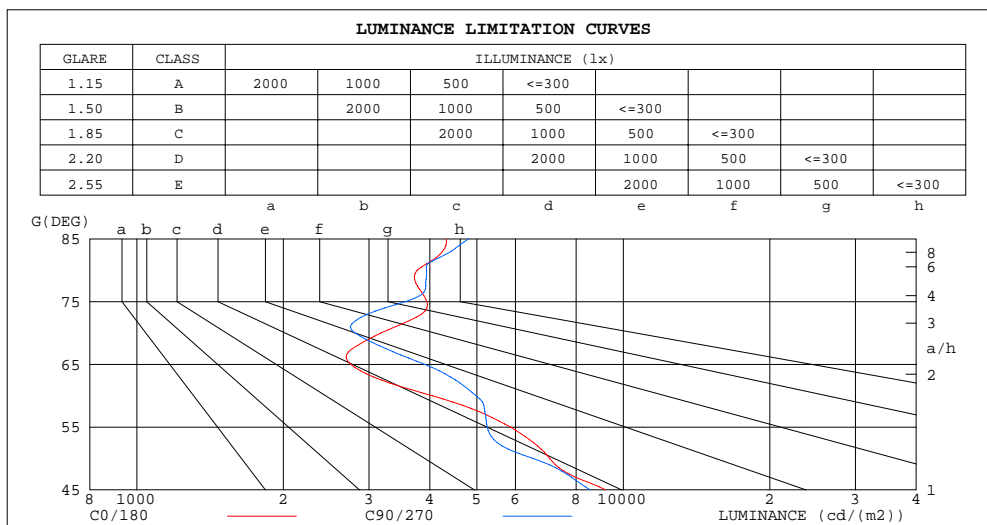
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1267	1252	1243	1237	1263	1251	1247	1241	0- 10	120.1	120.1	1.55,1.55
20	1200	1188	1180	1170	1192	1185	1187	1178	10- 20	344.4	464.5	6.01,6.01
30	1081	1072	1064	1050	1067	1061	1072	1062	20- 30	520.4	984.9	12.7,12.7
40	885.4	877.9	868.6	849.6	860.3	853.5	874.0	868.1	30- 40	608.4	1593	20.6,20.6
50	500.7	486.9	462.6	467.6	475.6	463.0	456.7	484.9	40- 50	515.8	2109	27.3,27.3
60	223.3	270.3	274.7	255.1	194.2	251.3	273.8	264.7	50- 60	314.4	2424	31.3,31.3
70	119.9	146.5	106.0	142.3	123.2	138.9	104.8	145.7	60- 70	173.8	2597	33.6,33.6
80	72.27	61.92	75.49	60.51	68.61	62.03	73.01	62.23	70- 80	104.9	2702	35,35
90	2.509	2.912	3.187	1.091	1.503	1.521	1.564	2.277	80- 90	40.68	2743	35.5,35.5
100	86.81	111.4	125.9	81.89	58.07	78.55	119.4	106.9	90-100	32.74	2776	35.9,35.9
110	382.4	478.8	457.7	416.2	313.1	409.3	437.7	457.5	100-110	246.6	3022	39.1,39.1
120	836.4	845.7	818.4	791.7	758.9	762.9	784.5	821.4	110-120	592.0	3614	46.7,46.7
130	1148	1149	1141	1107	1079	1065	1083	1121	120-130	853.6	4468	57.8,57.8
140	1387	1388	1386	1356	1332	1312	1328	1359	130-140	954.3	5422	70.1,70.1
150	1568	1566	1566	1545	1528	1508	1516	1544	140-150	910.3	6333	81.9,81.9
160	1694	1690	1692	1679	1668	1648	1656	1676	150-160	744.5	7077	91.5,91.5
170	1770	1758	1758	1756	1754	1736	1741	1755	160-170	485.7	7563	97.8,97.8
180	1787	1787	1787	1787	1787	1787	1787	1787	170-180	168.5	7731	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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

LUMINANCE LIMITATION CURVES

Test:U:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4322	4808
80	3770	3938
75	3944	3568
70	3176	2808
65	2753	3904
60	4044	4977
55	5863	5252
50	7056	6518
45	9201	8546

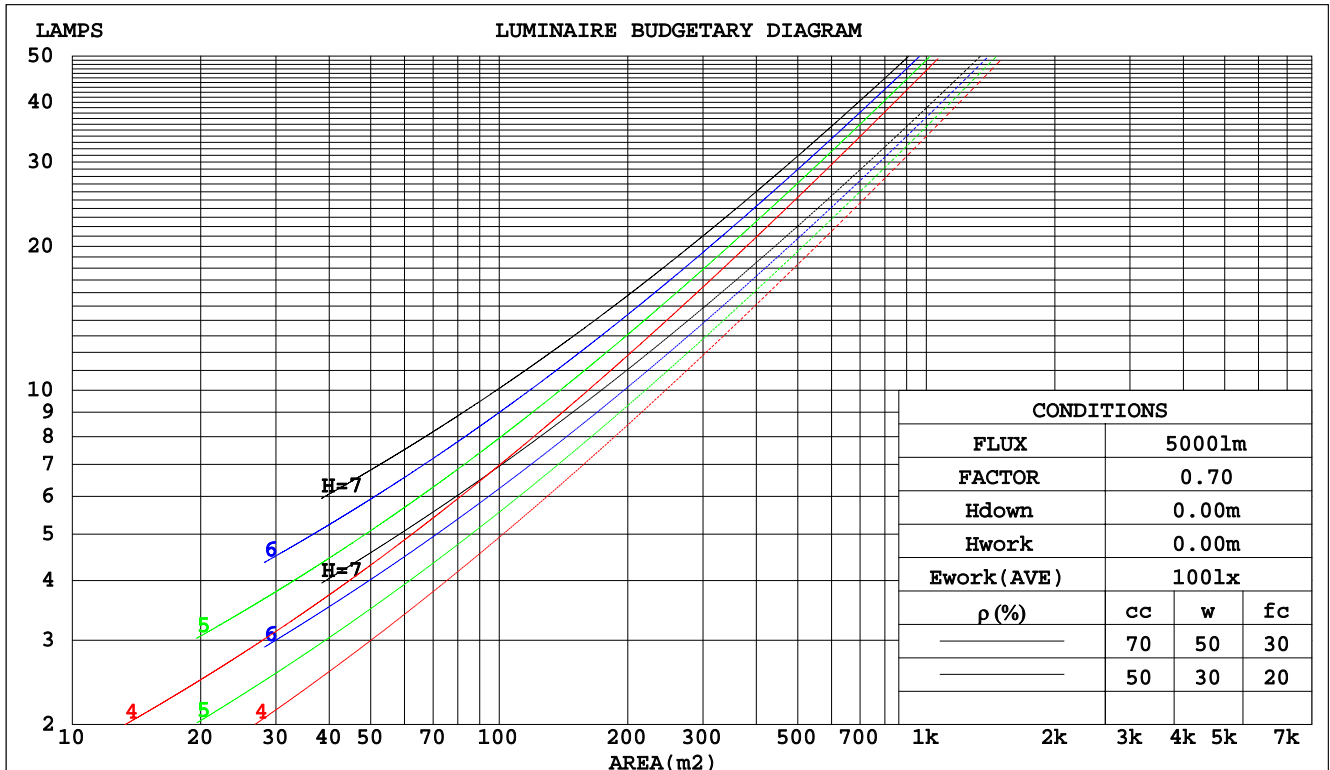
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	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	1.04	1.04	1.04	.94	.94	.94	.75	.75	.75	.58	.58	.58	.43	.43	.43	.35
1.0	.91	.87	.84	.82	.79	.77	.67	.65	.63	.52	.51	.49	.39	.38	.37	.31
2.0	.80	.74	.70	.73	.68	.64	.59	.56	.53	.46	.44	.42	.35	.33	.32	.27
3.0	.71	.64	.58	.64	.59	.54	.52	.48	.45	.41	.39	.36	.31	.29	.28	.23
4.0	.63	.55	.50	.57	.51	.46	.47	.42	.39	.37	.34	.31	.28	.26	.24	.20
5.0	.56	.49	.43	.51	.45	.40	.42	.37	.34	.34	.30	.28	.26	.23	.22	.18
6.0	.51	.43	.37	.46	.40	.35	.38	.33	.29	.30	.27	.24	.23	.21	.19	.16
7.0	.46	.38	.33	.42	.35	.31	.35	.30	.26	.28	.24	.22	.21	.19	.17	.14
8.0	.41	.34	.29	.38	.32	.27	.32	.27	.23	.25	.22	.19	.20	.17	.16	.13
9.0	.38	.31	.26	.35	.28	.24	.29	.24	.21	.23	.20	.17	.18	.16	.14	.12
10.0	.35	.28	.23	.32	.26	.22	.27	.22	.19	.22	.18	.16	.17	.15	.13	.11



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 610*280*42			SERIAL No.:		
MFR.:			SUR.:0.6*0.184			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	.234	.133	.042	.184	.106	.034	.139	.080	.026	.097	.056	.018	
2.0	.242	.133	.041	.218	.120	.037	.173	.096	.030	.131	.074	.023	.093	.052	.017	
3.0	.225	.120	.036	.203	.109	.033	.161	.087	.027	.123	.067	.021	.087	.048	.015	
4.0	.209	.108	.032	.189	.099	.029	.151	.080	.024	.115	.062	.019	.082	.045	.014	
5.0	.195	.099	.029	.176	.090	.026	.141	.073	.022	.108	.057	.017	.077	.041	.012	
6.0	.182	.091	.026	.165	.083	.024	.132	.068	.020	.102	.053	.016	.073	.038	.011	
7.0	.170	.084	.024	.154	.077	.022	.124	.063	.018	.096	.049	.014	.069	.036	.011	
8.0	.160	.078	.022	.145	.071	.020	.117	.058	.017	.090	.046	.013	.065	.034	.010	
9.0	.150	.073	.020	.137	.067	.019	.110	.055	.015	.085	.043	.012	.062	.031	.009	
10.0	.142	.068	.019	.129	.062	.017	.104	.051	.014	.081	.040	.011	.059	.030	.008	

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	.682	.682	.682	.583	.583	.583	.398	.398	.398	.229	.229	.229	.073	.073	.073	
1.0	.673	.652	.634	.575	.560	.546	.394	.385	.377	.227	.223	.219	.073	.072	.071	
2.0	.665	.631	.603	.569	.543	.521	.390	.376	.364	.225	.219	.213	.072	.071	.069	
3.0	.657	.616	.582	.564	.531	.505	.387	.369	.354	.223	.215	.209	.072	.070	.068	
4.0	.651	.604	.568	.558	.522	.494	.384	.364	.348	.222	.213	.206	.071	.069	.068	
5.0	.645	.595	.558	.554	.515	.486	.381	.360	.343	.221	.211	.203	.071	.069	.067	
6.0	.639	.588	.551	.549	.509	.480	.379	.356	.339	.220	.210	.202	.071	.068	.067	
7.0	.633	.582	.545	.545	.504	.475	.376	.353	.337	.219	.208	.201	.071	.068	.066	
8.0	.628	.577	.541	.540	.500	.472	.374	.351	.335	.218	.207	.200	.070	.068	.066	
9.0	.623	.572	.538	.536	.497	.470	.372	.349	.333	.217	.206	.199	.070	.068	.066	
10.0	.618	.569	.536	.533	.494	.468	.370	.347	.332	.216	.205	.198	.070	.067	.066	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.: 610*280*42			SERIAL No.:				
MFR.:			SUR.:0.6*0.184			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	13.5	14.3	14.5	15.3	16.6	13.9	14.7	14.9	15.7	17.0
3H	14.1	14.8	15.1	15.8	17.1	14.4	15.1	15.4	16.1	17.5
4H	14.4	15.1	15.4	16.1	17.4	14.7	15.3	15.7	16.3	17.7
6H	14.6	15.3	15.7	16.3	17.7	14.9	15.5	16.0	16.6	17.9
8H	14.8	15.4	15.8	16.4	17.8	15.1	15.6	16.1	16.7	18.1
12H	14.9	15.5	16.0	16.5	17.9	15.2	15.8	16.3	16.8	18.2
4H 2H	13.6	14.2	14.6	15.2	16.6	13.8	14.5	14.9	15.5	16.9
3H	14.2	14.7	15.2	15.8	17.2	14.5	15.1	15.6	16.1	17.5
4H	14.6	15.1	15.7	16.2	17.6	15.0	15.5	16.1	16.5	17.9
6H	15.0	15.4	16.1	16.5	18.0	15.4	15.8	16.4	16.9	18.3
8H	15.2	15.6	16.3	16.7	18.2	15.6	16.0	16.7	17.0	18.5
12H	15.4	15.8	16.5	16.9	18.4	15.8	16.2	16.9	17.2	18.7
8H 4H	14.7	15.1	15.8	16.1	17.6	15.0	15.4	16.1	16.5	17.9
6H	15.2	15.5	16.3	16.6	18.1	15.5	15.8	16.6	16.9	18.4
8H	15.5	15.8	16.6	16.9	18.4	15.9	16.1	17.0	17.2	18.8
12H	15.8	16.1	17.0	17.2	18.7	16.2	16.5	17.3	17.6	19.1
12H 4H	14.6	15.0	15.7	16.1	17.5	14.9	15.3	16.0	16.4	17.8
6H	15.2	15.5	16.3	16.6	18.1	15.5	15.8	16.6	16.9	18.4
8H	15.6	15.8	16.7	16.9	18.5	15.9	16.2	17.0	17.3	18.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.6					+ 0.6 / - 0.7				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.7				
2.0H	+ 1.1 / - 0.8					+ 0.9 / - 1.3				

CIE Pub.117, 7731 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 7.1$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

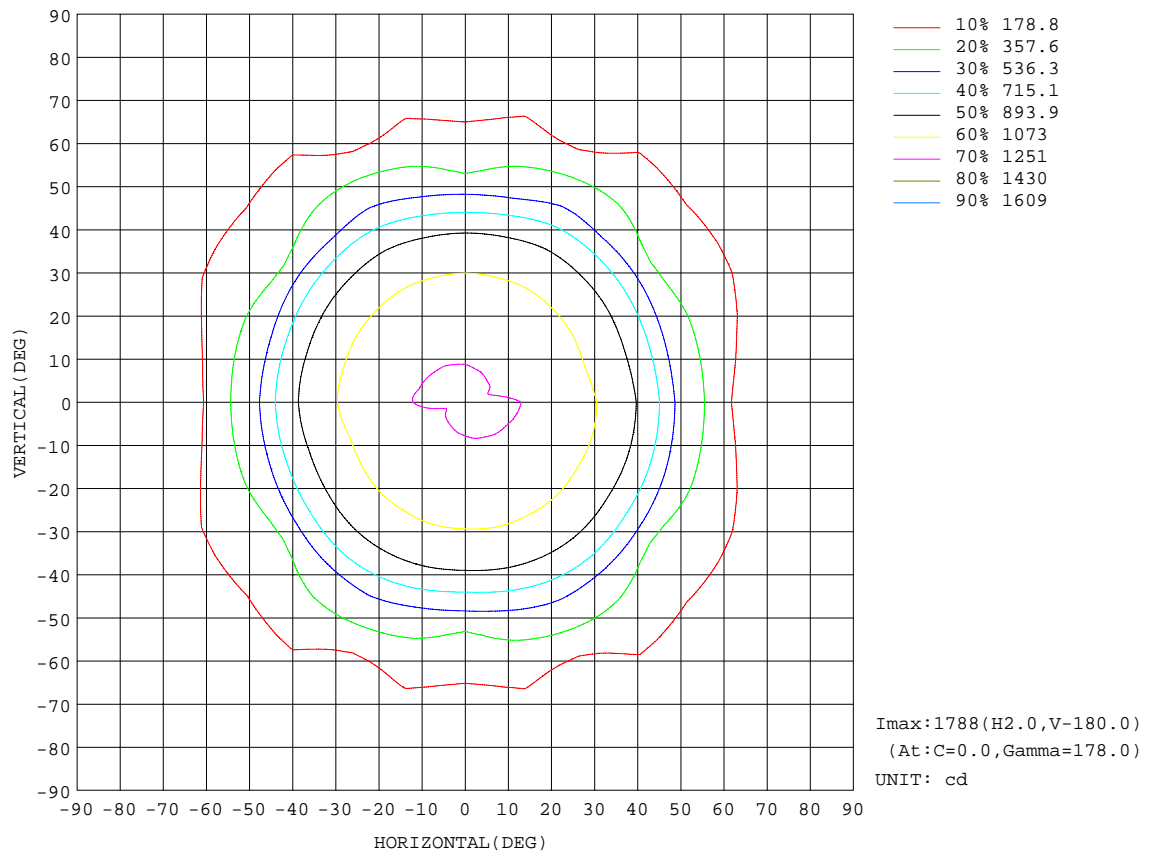
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	27	40	31	26	34	27	23	15
0.80	52	41	35	48	39	33	41	34	29	19
1.00	59	49	42	55	45	39	46	40	35	21
1.25	66	56	49	61	52	46	51	44	40	24
1.50	71	61	54	65	57	51	54	48	44	25
2.00	78	69	62	71	64	58	58	53	49	28
2.50	82	74	68	75	68	63	61	56	53	29
3.00	85	78	72	78	72	67	63	59	56	30
4.00	90	84	79	81	76	72	66	63	60	31
5.00	92	87	83	84	79	76	68	65	62	32
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

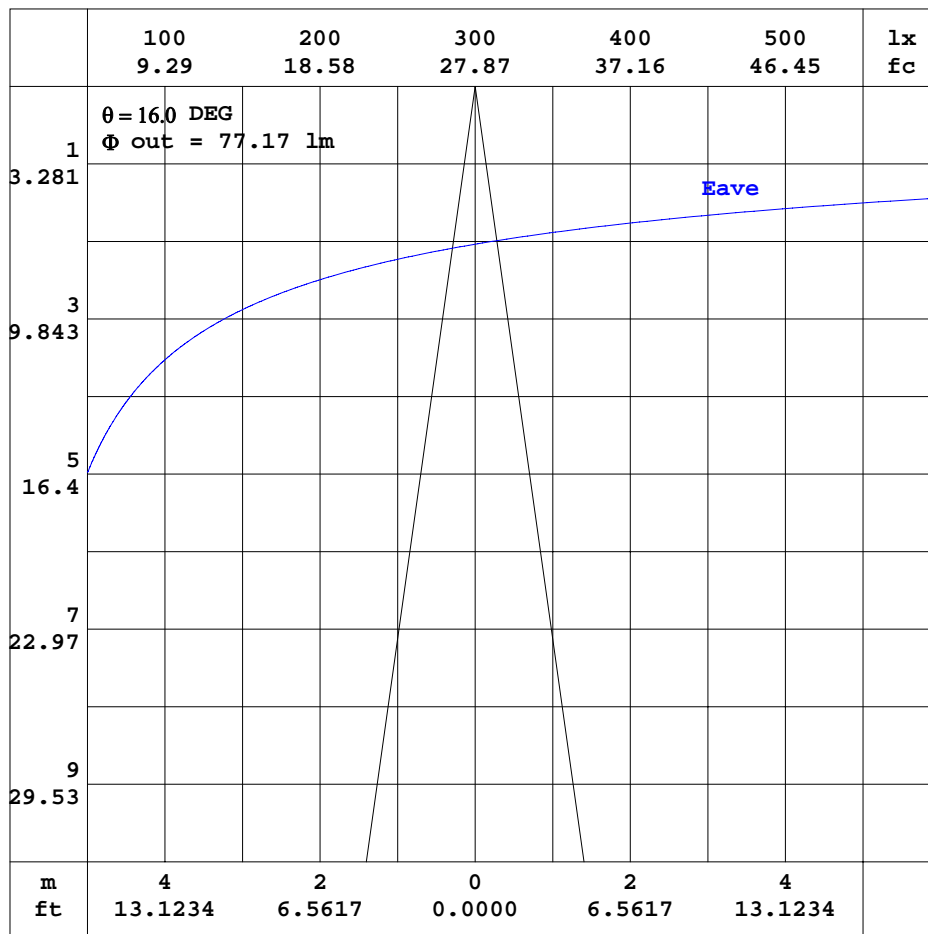


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:



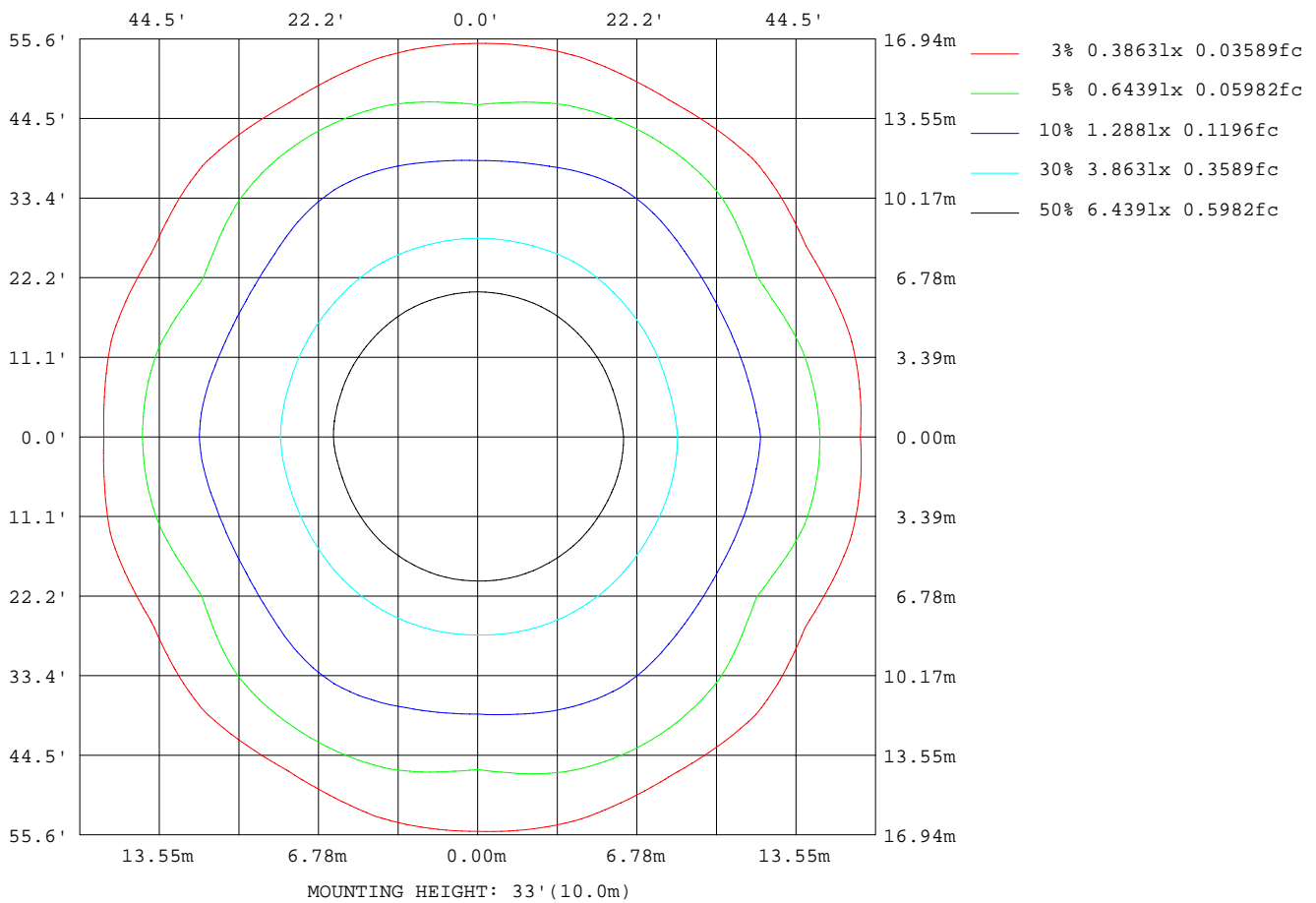
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

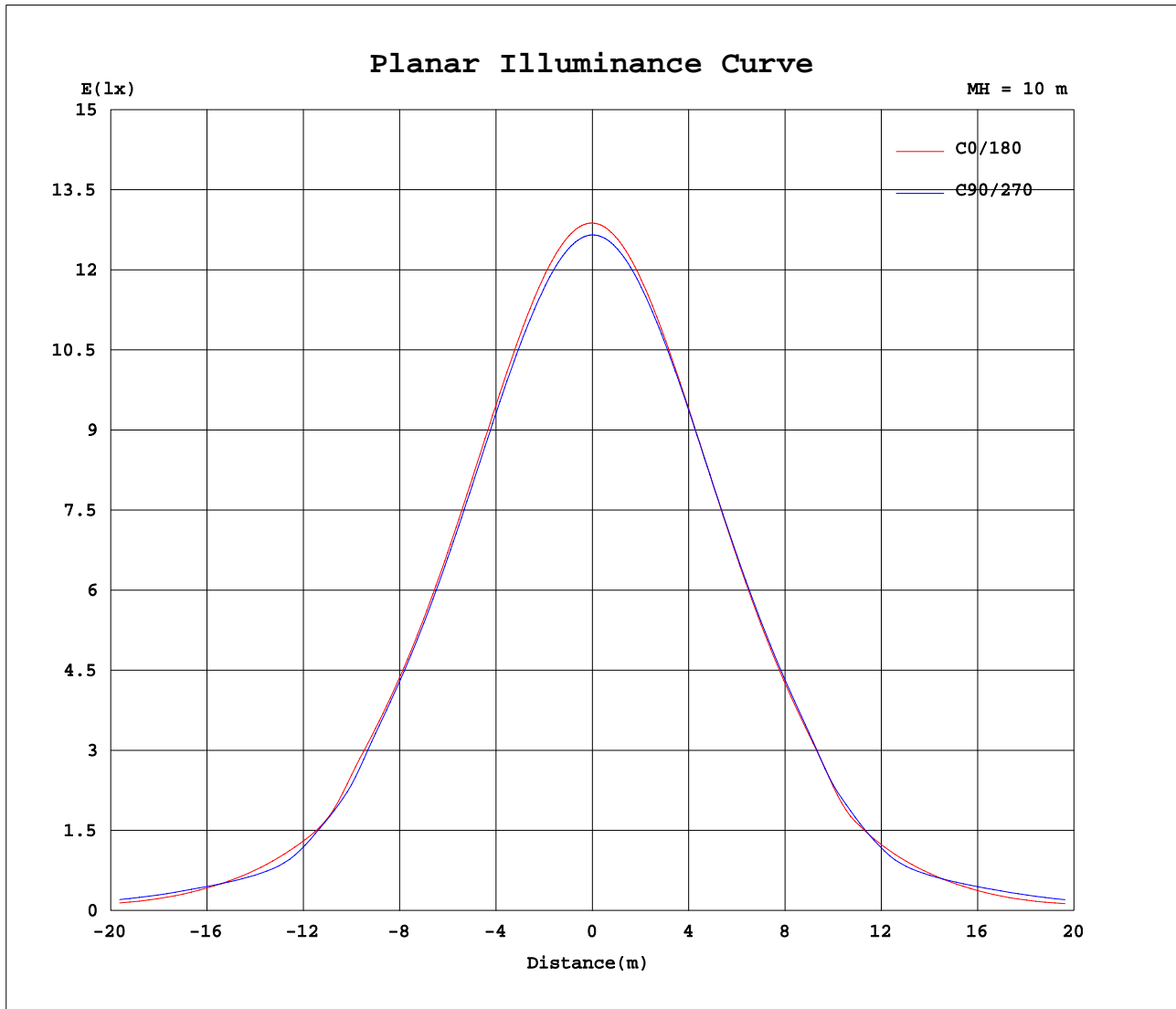
AvgL	cd/m2
L_0~180(65)av	2677
L_0~180(75)av	3793
L_0~180(85)av	3837
L_90~270(65)av	3863
L_90~270(75)av	3583
L_90~270(85)av	4701
L_45(65)av	4059
L_45(75)av	3430
L_45(85)av	3938

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*280*42						SERIAL No.:		
MFR.:									SUR.:0.6*0.184						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	1288	1286	1284	1282	1281	1279	1278	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265
5	1283	1281	1279	1278	1276	1274	1272	1271	1270	1269	1267	1266	1265	1264	1263	1262	1261	1260	1259
10	1267	1265	1263	1261	1259	1257	1256	1254	1253	1252	1251	1250	1248	1248	1247	1246	1245	1244	1243
15	1239	1237	1236	1234	1232	1230	1228	1227	1226	1225	1224	1223	1221	1221	1220	1220	1219	1218	1217
20	1200	1199	1198	1197	1195	1193	1191	1190	1189	1188	1187	1185	1183	1183	1183	1183	1182	1181	1180
25	1148	1148	1147	1145	1143	1140	1138	1138	1138	1138	1136	1134	1133	1133	1134	1134	1133	1131	1129
30	1081	1080	1079	1077	1075	1072	1070	1070	1071	1072	1071	1070	1069	1069	1069	1069	1068	1066	1064
35	994	994	992	991	987	984	982	983	985	987	987	987	986	987	987	986	984	981	979
40	885	884	881	879	874	871	868	870	874	878	880	882	882	882	881	880	876	872	869
45	718	714	709	703	693	684	679	686	696	707	713	717	718	715	709	700	688	676	667
50	501	490	480	471	458	449	445	454	469	487	504	519	530	529	522	511	493	476	463
55	371	369	363	353	331	310	297	314	340	367	384	396	402	401	394	383	364	345	333
60	223	238	248	253	251	246	243	252	263	270	263	254	247	255	266	277	278	277	275
65	128	157	177	189	185	177	170	180	191	196	175	151	134	153	177	200	198	190	182
70	120	135	142	143	128	112	99.8	113	131	147	141	132	125	136	147	155	139	120	106
75	113	109	105	102	97.2	93.7	91.9	94.3	98.4	104	110	115	119	117	113	108	105	103	102
80	72.3	67.7	64.8	63.7	65.8	68.5	70.7	67.7	64.3	61.9	65.6	70.0	73.8	71.7	68.8	66.4	69.4	72.9	75.5
85	41.6	41.8	41.7	41.4	40.4	39.3	38.5	38.8	39.4	40.2	40.6	41.1	41.7	42.8	43.9	44.9	45.7	46.2	46.3
90	2.51	2.52	2.55	2.59	2.66	2.73	2.80	2.84	2.87	2.91	2.99	3.06	3.11	3.05	2.97	2.91	3.06	3.18	3.19
95	18.9	18.9	19.0	19.1	19.2	19.5	20.1	21.4	22.8	24.2	25.1	25.8	26.3	26.5	26.7	27.0	28.6	30.0	30.4
100	86.8	90.2	94.0	98.2	104	109	113	114	113	111	108	105	104	110	117	124	127	128	126
105	236	236	237	237	236	236	235	234	234	237	246	256	266	269	271	273	277	280	280
110	382	381	380	380	377	377	385	417	451	479	475	464	450	447	447	449	455	458	458
115	593	602	613	625	641	656	668	670	667	660	650	639	630	629	631	635	642	646	646
120	836	836	837	838	841	844	847	849	849	846	832	817	804	804	807	811	817	820	818
125	1002	999	998	999	1003	1007	1010	1010	1009	1006	998	990	982	980	979	979	980	980	977
130	1148	1144	1142	1142	1145	1149	1153	1153	1151	1149	1145	1140	1137	1138	1139	1140	1142	1143	1141
135	1275	1271	1270	1270	1272	1276	1279	1279	1278	1276	1274	1272	1271	1272	1273	1274	1274	1274	1272
140	1387	1383	1382	1381	1384	1387	1390	1390	1389	1388	1387	1388	1388	1388	1389	1390	1390	1388	1386
145	1484	1480	1478	1477	1479	1482	1485	1485	1484	1484	1485	1486	1488	1488	1488	1487	1486	1485	1484
150	1568	1564	1561	1560	1561	1564	1566	1567	1566	1566	1568	1569	1571	1570	1570	1569	1568	1567	1566
155	1638	1633	1629	1628	1629	1632	1634	1635	1635	1635	1637	1638	1640	1639	1639	1638	1638	1638	1637
160	1694	1689	1685	1683	1684	1687	1689	1690	1690	1690	1692	1693	1694	1694	1694	1693	1693	1693	1692
165	1738	1732	1728	1725	1726	1728	1730	1731	1731	1731	1732	1733	1734	1734	1733	1733	1733	1733	1733
170	1770	1763	1759	1756	1756	1757	1759	1759	1759	1758	1759	1759	1759	1759	1758	1758	1758	1758	1758
175	1786	1779	1774	1771	1771	1772	1773	1773	1773	1773	1773	1774	1774	1774	1774	1774	1774	1774	1774
180	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 610*280*42					SERIAL No.:				
MFR.:									SUR.:0.6*0.184					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	1265	1264	1264	1263	1262	1262	1261	1261	1261	1260	1260	1259	1258	1257	1258	1268	1279	1288	1288
5	1259	1258	1257	1257	1256	1255	1255	1254	1254	1253	1253	1252	1251	1250	1252	1261	1272	1281	1281
10	1242	1242	1241	1240	1239	1238	1238	1237	1237	1236	1235	1235	1233	1232	1234	1244	1254	1263	1263
15	1216	1215	1214	1213	1211	1210	1209	1209	1208	1208	1207	1206	1204	1204	1206	1215	1225	1234	1234
20	1179	1178	1177	1175	1173	1171	1171	1170	1170	1169	1167	1167	1165	1164	1166	1175	1184	1192	1193
25	1129	1128	1127	1125	1122	1120	1119	1118	1117	1116	1114	1112	1110	1110	1112	1120	1130	1138	1138
30	1063	1062	1062	1059	1056	1054	1052	1051	1050	1047	1043	1041	1039	1040	1042	1050	1059	1067	1066
35	978	978	978	975	973	970	968	965	962	958	954	950	949	949	952	960	969	976	975
40	868	869	869	868	867	864	860	855	850	843	836	831	830	831	834	844	853	860	857
45	670	676	682	684	683	679	672	662	651	635	621	610	610	616	624	637	649	658	653
50	465	474	485	498	510	515	506	489	468	439	412	393	399	414	433	451	466	476	470
55	342	357	373	378	380	379	374	365	353	330	307	290	296	309	324	332	337	340	339
60	275	274	270	254	237	225	233	245	255	248	237	228	232	237	239	223	207	194	205
65	191	198	200	175	148	127	143	165	186	177	163	150	160	172	179	160	138	121	137
70	120	138	154	146	135	125	131	138	142	125	107	92.6	103	118	133	132	128	123	128
75	102	102	104	108	112	113	108	101	94.3	92.6	92.3	92.6	91.6	91.2	91.8	96.2	101	104	101
80	72.2	68.2	64.8	67.1	70.1	72.4	68.9	64.5	60.5	61.0	62.4	63.9	62.7	61.4	60.7	63.3	66.3	68.6	67.1
85	45.7	44.7	43.5	42.0	40.5	39.0	37.8	36.7	35.7	34.7	33.9	33.3	33.1	33.1	33.1	32.8	32.5	32.2	32.5
90	2.78	2.28	1.78	1.53	1.37	1.26	1.18	1.12	1.09	1.06	1.04	1.03	1.00	0.99	1.01	1.17	1.35	1.50	1.53
95	27.7	24.3	21.0	19.6	18.8	18.2	17.3	16.4	15.6	15.0	14.4	13.9	13.1	12.4	11.8	11.4	11.2	11.2	11.4
100	118	110	101	96.5	93.3	90.7	87.6	84.6	81.9	79.9	77.8	75.0	69.5	63.9	59.1	57.8	57.7	58.1	57.1
105	266	251	239	244	251	255	237	215	195	189	188	188	187	185	184	183	181	180	179
110	440	420	405	412	425	436	436	430	416	386	353	324	318	317	320	318	315	313	311
115	627	606	589	596	607	618	614	607	599	601	602	600	583	563	542	528	517	511	515
120	802	783	768	772	780	789	792	793	792	788	782	777	773	770	766	764	761	759	755
125	965	953	943	947	955	962	963	961	958	955	952	948	943	938	933	930	928	926	922
130	1131	1120	1111	1111	1112	1114	1113	1110	1107	1104	1101	1097	1092	1087	1082	1081	1080	1079	1074
135	1265	1258	1251	1249	1248	1248	1245	1242	1239	1237	1234	1231	1227	1222	1217	1215	1214	1212	1208
140	1382	1377	1372	1370	1368	1366	1363	1360	1356	1354	1352	1349	1345	1341	1337	1336	1334	1332	1327
145	1481	1477	1474	1472	1470	1468	1465	1461	1458	1456	1454	1452	1448	1444	1441	1440	1439	1437	1432
150	1564	1562	1560	1559	1557	1555	1552	1549	1545	1543	1542	1540	1537	1534	1531	1530	1529	1528	1522
155	1635	1633	1631	1630	1629	1627	1624	1621	1619	1617	1616	1614	1612	1609	1607	1607	1606	1605	1599
160	1691	1690	1688	1687	1687	1686	1683	1681	1679	1677	1676	1675	1673	1671	1669	1670	1669	1668	1662
165	1732	1731	1730	1729	1729	1728	1727	1726	1725	1724	1723	1723	1721	1720	1718	1719	1719	1718	1712
170	1758	1758	1757	1757	1757	1757	1757	1757	1756	1756	1756	1756	1756	1755	1755	1755	1756	1754	1749
175	1774	1774	1774	1774	1775	1775	1775	1775	1775	1775	1776	1776	1776	1776	1776	1777	1777	1777	1771
180	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 610*280*42					SERIAL No.:				
MFR.:									SUR.:0.6*0.184					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	1286	1282	1281	1279	1278	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1265	1264
5	1279	1275	1274	1273	1271	1270	1269	1268	1267	1266	1266	1265	1264	1263	1262	1262	1261	1261	1260
10	1261	1258	1256	1255	1254	1253	1252	1251	1251	1250	1250	1249	1248	1248	1247	1247	1247	1246	1245
15	1231	1228	1227	1227	1226	1225	1224	1223	1223	1223	1223	1223	1222	1222	1222	1222	1222	1222	1221
20	1191	1188	1188	1188	1188	1187	1185	1185	1185	1185	1185	1185	1185	1185	1186	1187	1187	1187	1185
25	1135	1132	1132	1132	1132	1132	1131	1131	1132	1133	1134	1135	1135	1135	1136	1137	1137	1136	1135
30	1063	1060	1060	1060	1061	1061	1061	1061	1064	1066	1068	1068	1069	1069	1070	1071	1072	1071	1070
35	971	967	967	967	968	969	970	971	975	979	983	983	983	983	984	985	986	986	985
40	851	844	843	844	846	847	850	853	861	868	874	874	873	871	872	873	874	874	874
45	645	636	632	631	632	636	642	650	663	675	685	684	680	675	671	668	666	669	673
50	458	442	419	399	389	406	433	463	486	504	517	515	506	494	479	466	457	461	472
55	334	327	310	295	286	300	321	344	360	373	382	383	380	372	356	341	331	341	356
60	220	234	235	232	230	238	246	251	242	231	224	235	249	264	270	273	274	275	274
65	158	177	172	162	154	165	178	185	166	144	128	147	171	194	192	185	178	188	197
70	133	134	120	105	94.2	107	123	139	137	132	128	136	145	150	134	117	105	119	137
75	96.5	92.2	92.1	93.0	94.3	93.7	93.6	94.7	101	108	113	110	105	100	100	101	103	102	102
80	64.9	62.8	63.6	64.7	65.7	64.2	62.7	62.0	65.6	69.6	72.8	70.9	68.3	66.1	68.3	71.0	73.0	70.3	67.1
85	32.8	33.1	33.2	33.3	33.4	33.8	34.2	34.9	35.8	36.8	38.0	39.4	40.8	42.1	43.0	43.8	44.2	44.1	43.9
90	1.52	1.49	1.48	1.48	1.48	1.49	1.51	1.52	1.52	1.52	1.52	1.53	1.54	1.55	1.54	1.54	1.56	1.68	1.81
95	11.6	12.0	12.4	12.9	13.4	14.0	14.5	15.0	15.0	15.1	15.6	16.8	18.6	20.7	23.8	26.7	28.6	27.4	25.3
100	56.6	57.3	61.1	65.8	70.7	74.1	76.7	78.6	77.3	76.5	77.6	85.9	95.9	106	113	117	119	116	110
105	179	179	177	176	177	179	183	190	200	211	222	230	237	244	253	261	266	259	251
110	310	309	305	304	311	344	379	409	408	400	390	393	400	409	421	431	438	427	414
115	523	535	548	561	574	582	588	589	579	569	561	567	577	589	599	606	610	601	591
120	752	750	749	749	750	756	761	763	753	742	733	740	750	762	772	780	785	777	768
125	918	915	914	914	915	918	920	920	913	905	899	905	914	924	930	934	936	933	930
130	1068	1063	1061	1061	1061	1063	1064	1065	1059	1054	1051	1056	1064	1072	1077	1080	1083	1082	1081
135	1202	1198	1195	1194	1194	1194	1195	1195	1192	1189	1188	1192	1198	1205	1208	1211	1213	1214	1215
140	1321	1316	1313	1312	1311	1311	1312	1312	1311	1310	1310	1314	1318	1323	1325	1327	1328	1331	1334
145	1426	1420	1417	1416	1415	1415	1416	1417	1416	1416	1416	1419	1422	1426	1427	1428	1429	1433	1436
150	1516	1510	1508	1506	1506	1506	1507	1508	1508	1507	1508	1510	1512	1514	1515	1515	1516	1519	1523
155	1593	1587	1584	1583	1583	1583	1584	1585	1585	1585	1585	1587	1589	1591	1591	1592	1593	1595	1599
160	1656	1650	1648	1647	1647	1647	1648	1648	1649	1649	1649	1651	1652	1654	1654	1655	1656	1658	1661
165	1706	1700	1698	1698	1698	1698	1699	1700	1700	1700	1700	1701	1702	1703	1704	1705	1706	1707	1709
170	1743	1737	1736	1735	1736	1736	1736	1736	1736	1736	1737	1737	1738	1739	1740	1740	1741	1743	1744
175	1765	1760	1759	1759	1760	1760	1760	1760	1760	1761	1761	1761	1762	1763	1763	1764	1765	1766	1767
180	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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:229.68V I:0.2698A P:60.630W PF:0.9785 Freq:49.99Hz Lamp Flux:7731.32x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*280*42						SERIAL No.:		
MFR.:									SUR.:0.6*0.184						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	1264	1263	1262	1262	1261	1261	1261	1260	1260	1259	1258	1257	1258	1265	1275				
5	1259	1259	1258	1258	1257	1257	1256	1256	1256	1255	1253	1252	1254	1260	1270				
10	1245	1244	1244	1244	1243	1242	1241	1241	1241	1240	1238	1237	1238	1244	1254				
15	1220	1219	1219	1218	1217	1216	1215	1215	1215	1214	1212	1211	1212	1217	1226				
20	1184	1183	1183	1182	1181	1179	1178	1178	1178	1178	1175	1174	1174	1179	1188				
25	1134	1134	1133	1133	1131	1130	1128	1127	1127	1127	1124	1122	1123	1128	1136				
30	1069	1069	1069	1069	1067	1064	1062	1061	1060	1060	1057	1055	1056	1061	1069				
35	984	985	986	987	984	981	977	976	975	974	971	969	970	975	983				
40	874	878	881	883	879	874	868	865	863	862	859	857	858	864	873				
45	680	692	703	710	703	692	680	671	665	661	660	663	670	681	698				
50	485	502	516	525	517	503	485	466	448	436	437	445	456	468	483				
55	372	381	388	390	388	381	369	343	318	299	308	324	343	354	364				
60	271	259	247	238	246	256	265	258	250	242	245	249	252	247	237				
65	200	176	151	131	147	169	190	185	175	165	174	183	188	177	158				
70	153	145	134	124	132	140	146	129	111	97.1	109	126	142	142	135				
75	103	108	113	116	112	106	99.4	95.7	93.3	92.3	93.8	96.6	100	104	108				
80	64.6	67.9	71.7	74.5	70.7	66.1	62.2	64.4	67.6	70.5	68.7	66.4	64.6	65.6	68.2				
85	43.5	43.4	43.3	43.0	42.3	41.5	40.8	40.6	40.7	40.8	40.8	40.9	41.0	41.2	41.4				
90	1.93	1.99	2.03	2.07	2.14	2.21	2.28	2.30	2.33	2.36	2.45	2.54	2.61	2.62	2.58				
95	22.9	21.9	21.4	21.3	22.1	23.0	23.4	21.9	20.1	18.5	18.4	18.7	19.1	19.1	19.1				
100	105	104	103	104	105	106	107	108	108	106	102	96.7	91.6	88.9	87.3				
105	245	253	263	269	258	243	229	226	225	227	228	230	232	234	235				
110	405	419	437	455	463	464	457	429	398	370	366	369	376	378	380				
115	585	597	613	630	637	642	645	647	647	645	636	626	615	607	599				
120	762	769	781	794	805	814	821	822	821	820	825	830	835	837	838				
125	928	934	942	952	962	971	978	981	982	983	988	993	998	1000	1001				
130	1080	1084	1089	1096	1105	1113	1121	1123	1125	1127	1132	1137	1142	1145	1147				
135	1217	1219	1222	1226	1233	1241	1248	1251	1253	1256	1260	1265	1270	1272	1274				
140	1337	1338	1340	1342	1348	1354	1359	1363	1365	1368	1373	1377	1381	1384	1386				
145	1440	1441	1442	1444	1448	1453	1458	1461	1464	1467	1471	1475	1479	1482	1483				
150	1527	1529	1531	1533	1536	1540	1544	1547	1549	1552	1555	1559	1562	1565	1567				
155	1602	1604	1605	1607	1610	1613	1617	1619	1621	1623	1626	1629	1632	1635	1636				
160	1663	1665	1667	1668	1671	1674	1676	1678	1680	1682	1685	1687	1690	1691	1693				
165	1711	1713	1714	1715	1718	1720	1723	1724	1726	1727	1730	1732	1734	1735	1737				
170	1746	1747	1748	1749	1751	1753	1755	1757	1758	1760	1762	1764	1765	1767	1768				
175	1768	1769	1770	1771	1772	1774	1775	1776	1777	1779	1780	1781	1782	1784	1785				
180	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787	1787				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-15

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: