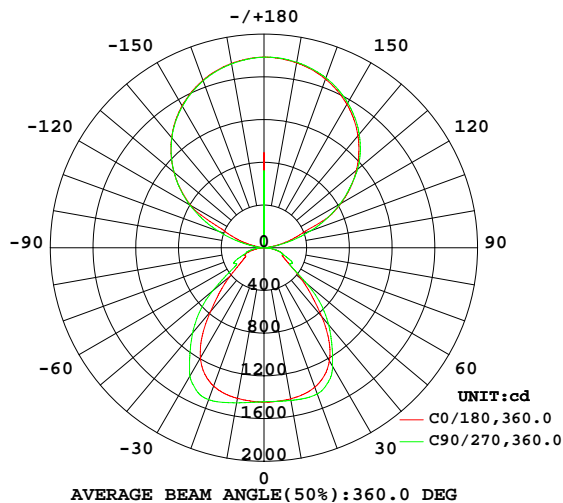


LUMINAIRE PHOTOMETRIC TEST REPORT

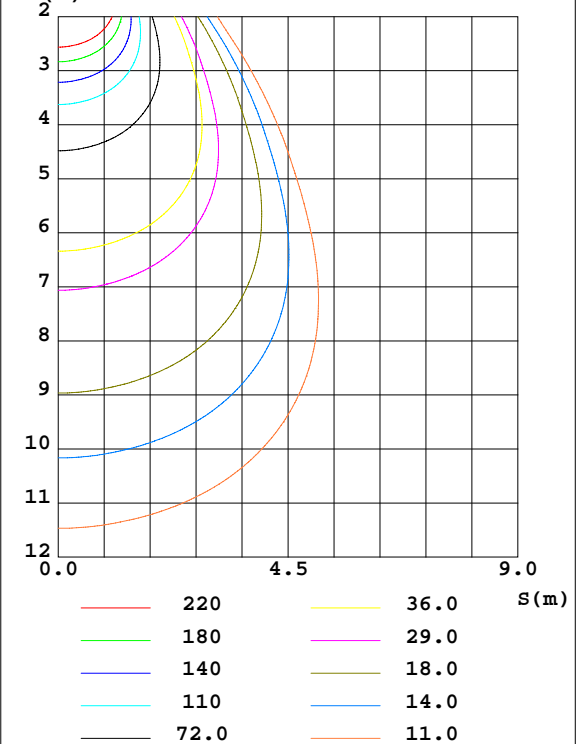
Test:U:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.32 lm/W			
MODEL		Imax(cd)	1786	S/MH(C0/180)	1.17
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	8249.0	η UP,DN(C0-180)	30.8,18.9
NOMINAL FLUX(lm)	8249.05	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	30.3,20.0
LAMPS INSIDE	1	η up(%)	61.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	38.9	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:2024-07-05

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:

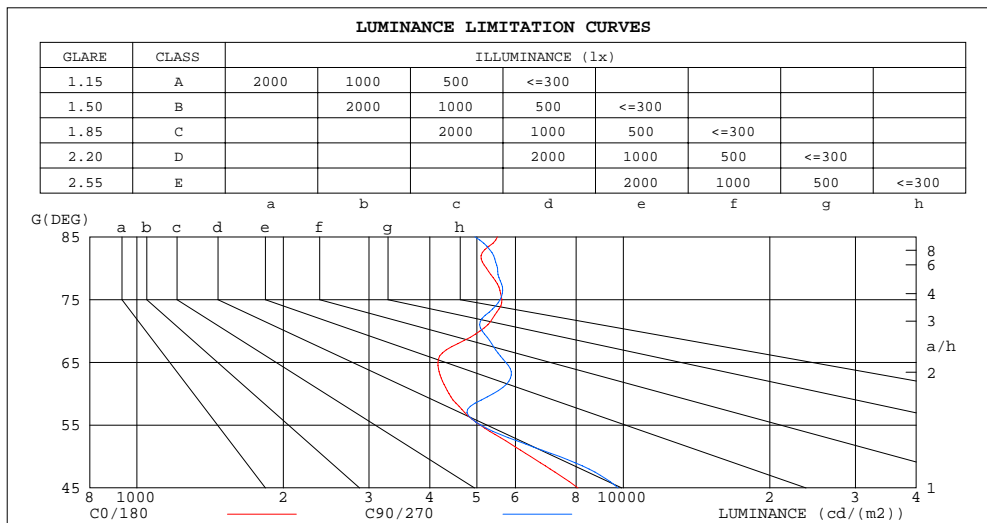
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1436	1448	1452	1441	1433	1455	1475	1465	0- 10	138.2	138.2	1.68,1.68
20	1390	1441	1456	1413	1378	1449	1514	1484	10- 20	411.4	549.6	6.66,6.66
30	1225	1274	1285	1229	1190	1294	1388	1352	20- 30	637.5	1187	14.4,14.4
40	839.9	924.0	941.9	850.5	778.9	911.3	1039	996.9	30- 40	688.4	1876	22.7,22.7
50	457.4	512.7	524.5	462.4	418.1	527.2	628.3	590.5	40- 50	553.8	2429	29.4,29.4
60	242.0	285.7	298.0	262.2	228.2	263.3	299.8	287.0	50- 60	316.3	2746	33.3,33.3
70	191.6	193.5	193.5	189.1	188.1	203.7	216.9	211.0	60- 70	240.5	2986	36.2,36.2
80	100.3	106.2	105.7	93.39	85.23	104.9	124.1	120.0	70- 80	165.0	3151	38.2,38.2
90	3.204	1.919	1.280	1.039	1.943	5.974	9.175	7.840	80- 90	56.43	3208	38.9,38.9
100	95.58	121.4	124.3	90.67	61.38	90.75	124.4	121.5	90-100	36.77	3244	39.3,39.3
110	359.4	442.3	463.3	390.1	320.2	382.2	450.7	432.8	100-110	262.4	3507	42.5,42.5
120	830.7	830.2	823.3	805.6	790.2	791.7	801.0	813.5	110-120	599.5	4106	49.8,49.8
130	1130	1144	1143	1123	1100	1095	1099	1110	120-130	865.8	4972	60.3,60.3
140	1369	1386	1388	1368	1345	1340	1342	1352	130-140	961.4	5934	71.9,71.9
150	1552	1566	1568	1552	1535	1528	1529	1537	140-150	913.8	6847	83,83
160	1682	1692	1694	1683	1670	1664	1664	1670	150-160	746.1	7593	92.1,92.1
170	1758	1763	1764	1759	1753	1749	1748	1751	160-170	486.7	8080	98,98
180	1785	1785	1785	1785	1785	1785	1785	1785	170-180	168.9	8249	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:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5510	4955
80	5231	5515
75	5628	5581
70	5075	5125
65	4160	5731
60	4383	5399
55	5079	5091
50	6446	7391
45	8063	9752

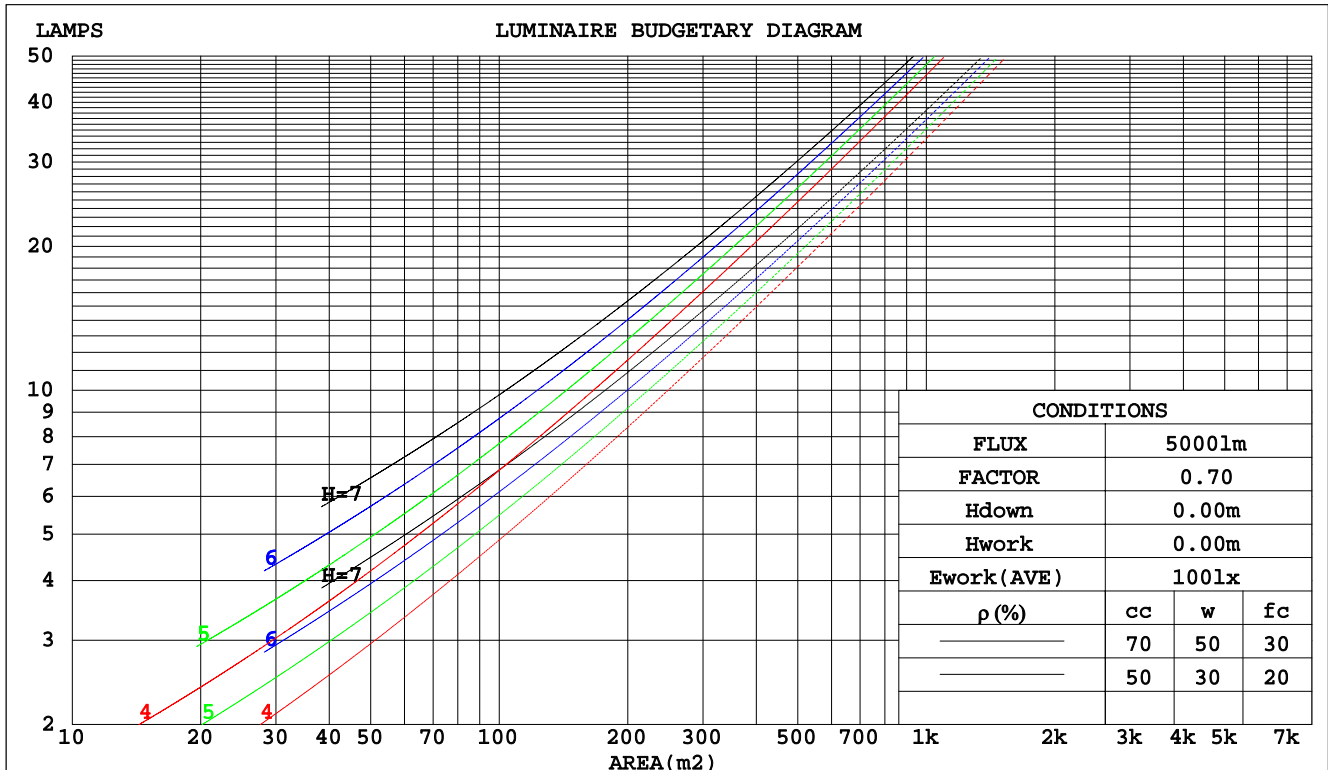
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.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	.95	.95	.95	.77	.77	.77	.61	.61	.61	.46	.46	.46	.39
1.0	.92	.88	.85	.83	.80	.78	.68	.66	.64	.54	.53	.51	.41	.40	.39	.34
2.0	.81	.75	.70	.74	.69	.64	.60	.57	.54	.48	.46	.44	.37	.35	.34	.29
3.0	.71	.64	.59	.65	.59	.54	.54	.49	.46	.43	.40	.38	.33	.31	.30	.25
4.0	.63	.56	.50	.58	.52	.47	.48	.43	.40	.39	.35	.33	.30	.28	.26	.22
5.0	.57	.49	.43	.52	.45	.40	.43	.38	.34	.35	.31	.29	.27	.25	.23	.20
6.0	.51	.43	.38	.47	.40	.35	.39	.34	.30	.32	.28	.25	.25	.23	.21	.18
7.0	.46	.39	.33	.43	.36	.31	.36	.31	.27	.29	.25	.23	.23	.20	.18	.16
8.0	.42	.35	.30	.39	.32	.28	.33	.28	.24	.27	.23	.20	.21	.19	.17	.14
9.0	.38	.31	.26	.35	.29	.25	.30	.25	.22	.25	.21	.18	.20	.17	.15	.13
10.0	.35	.28	.24	.33	.26	.22	.28	.23	.19	.23	.19	.17	.18	.16	.14	.12



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 610*280*42			SERIAL No.:		
MFR.:			SUR.:0.6*.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	.264	.150	.048	.239	.136	.043	.191	.110	.035	.148	.085	.027	.107	.062	.020		
2.0	.245	.134	.041	.222	.122	.038	.178	.099	.031	.138	.078	.024	.101	.057	.018		
3.0	.227	.121	.036	.206	.110	.033	.166	.090	.027	.129	.071	.022	.095	.053	.016		
4.0	.210	.109	.032	.191	.100	.030	.155	.082	.024	.121	.065	.020	.089	.048	.015		
5.0	.196	.100	.029	.178	.091	.027	.144	.075	.022	.113	.060	.018	.083	.045	.013		
6.0	.183	.092	.026	.166	.084	.024	.135	.069	.020	.106	.055	.016	.079	.041	.012		
7.0	.171	.085	.024	.156	.078	.022	.127	.064	.018	.100	.051	.015	.074	.038	.011		
8.0	.161	.078	.022	.146	.072	.020	.119	.060	.017	.094	.048	.014	.070	.036	.010		
9.0	.151	.073	.020	.138	.067	.019	.113	.056	.016	.089	.045	.013	.066	.034	.010		
10.0	.143	.068	.019	.130	.063	.018	.107	.052	.015	.084	.042	.012	.063	.032	.009		

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	.656	.656	.656	.561	.561	.561	.383	.383	.383	.220	.220	.220	.070	.070	.070	
1.0	.647	.626	.607	.553	.537	.523	.378	.370	.362	.218	.214	.210	.070	.069	.068	
2.0	.639	.605	.576	.547	.521	.498	.375	.360	.347	.216	.210	.204	.069	.068	.066	
3.0	.631	.589	.556	.541	.508	.482	.372	.353	.338	.215	.206	.199	.069	.067	.065	
4.0	.625	.577	.541	.536	.499	.470	.369	.348	.331	.213	.204	.196	.069	.066	.064	
5.0	.618	.568	.531	.531	.492	.462	.366	.343	.326	.212	.202	.194	.068	.066	.064	
6.0	.612	.561	.524	.526	.486	.456	.363	.340	.323	.211	.200	.192	.068	.065	.063	
7.0	.606	.555	.519	.522	.481	.452	.360	.337	.320	.209	.199	.191	.068	.065	.063	
8.0	.601	.550	.514	.517	.477	.449	.358	.335	.318	.208	.197	.190	.067	.065	.063	
9.0	.596	.545	.511	.513	.473	.446	.356	.333	.317	.207	.197	.189	.067	.064	.063	
10.0	.591	.542	.509	.510	.470	.444	.354	.331	.315	.206	.196	.188	.067	.064	.062	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 610*280*42			SERIAL No.:			
MFR.:					SUR.:0.6*.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	2H	13.6	14.4	14.5	15.4	16.6	14.2	15.0	15.1	15.9	17.2
	3H	14.6	15.3	15.6	16.3	17.6	15.2	15.9	16.2	16.9	18.2
	4H	15.3	16.0	16.3	17.0	18.3	15.8	16.5	16.8	17.4	18.7
	6H	15.9	16.5	16.9	17.5	18.8	16.3	16.9	17.3	17.9	19.2
	8H	16.0	16.6	17.1	17.6	19.0	16.4	17.0	17.5	18.0	19.4
	12H	16.2	16.7	17.2	17.8	19.1	16.5	17.1	17.6	18.1	19.5
4H	2H	13.8	14.5	14.8	15.5	16.8	14.3	15.0	15.3	16.0	17.3
	3H	15.1	15.7	16.2	16.7	18.1	15.6	16.2	16.6	17.2	18.5
	4H	16.0	16.5	17.0	17.5	18.9	16.3	16.8	17.4	17.9	19.2
	6H	16.7	17.1	17.8	18.2	19.6	17.0	17.4	18.0	18.5	19.9
	8H	16.9	17.3	18.0	18.4	19.8	17.2	17.6	18.3	18.7	20.1
	12H	17.1	17.5	18.2	18.5	20.0	17.4	17.7	18.4	18.8	20.2
8H	4H	16.2	16.6	17.3	17.7	19.1	16.5	16.9	17.6	18.0	19.4
	6H	17.1	17.4	18.2	18.5	19.9	17.3	17.7	18.4	18.7	20.2
	8H	17.4	17.7	18.5	18.8	20.2	17.7	17.9	18.8	19.0	20.5
	12H	17.7	17.9	18.8	19.0	20.5	17.9	18.1	19.0	19.2	20.7
12H	4H	16.2	16.6	17.3	17.6	19.1	16.5	16.8	17.6	17.9	19.3
	6H	17.1	17.4	18.2	18.5	20.0	17.4	17.6	18.5	18.7	20.2
	8H	17.5	17.7	18.6	18.8	20.3	17.7	18.0	18.8	19.1	20.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4				+ 0.4 / - 0.4					
1.5H		+ 0.2 / - 0.2				+ 0.3 / - 0.4					
2.0H		+ 0.6 / - 0.5				+ 0.8 / - 0.5					

CIE Pub.117, 8249 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 7.3$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:

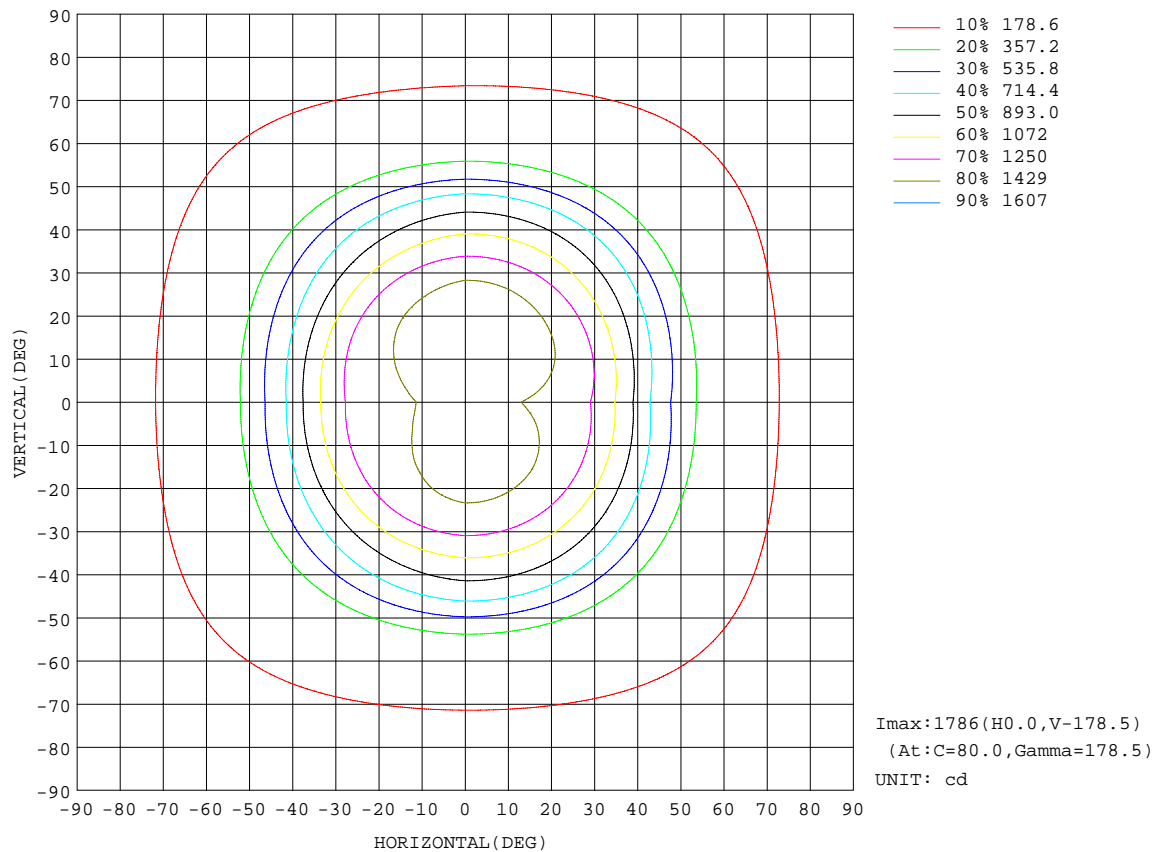
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	34	28	41	32	27	36	29	25	17
0.80	53	43	36	50	40	34	43	35	31	20
1.00	61	50	43	56	47	41	48	42	36	23
1.25	67	57	50	62	53	47	52	46	41	26
1.50	72	62	55	66	58	52	55	49	45	28
2.00	79	70	63	72	65	59	60	55	51	30
2.50	83	75	69	76	69	64	63	58	54	31
3.00	86	79	73	79	73	68	65	61	57	32
4.00	91	84	79	82	77	73	68	64	61	34
5.00	93	88	83	85	81	77	69	67	64	35
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:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:

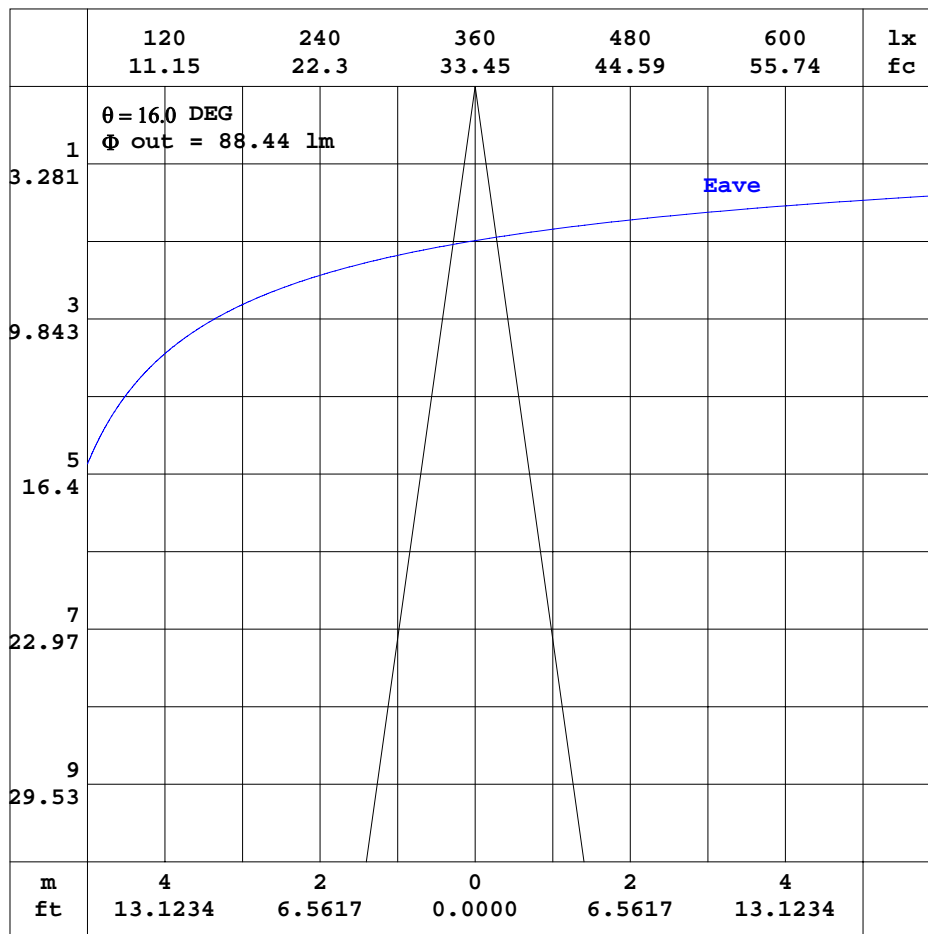


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:



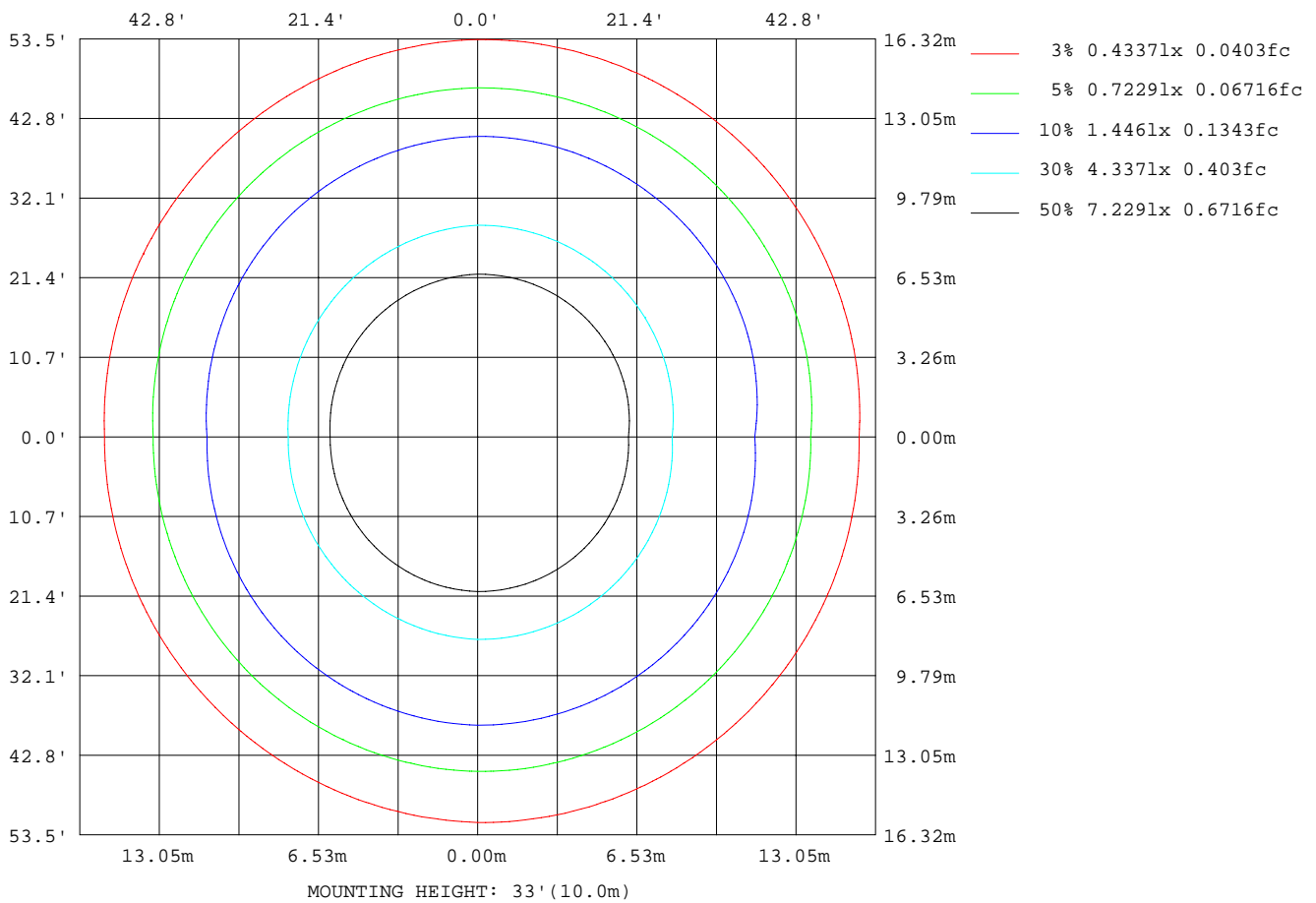
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.184	Shielding Angle:

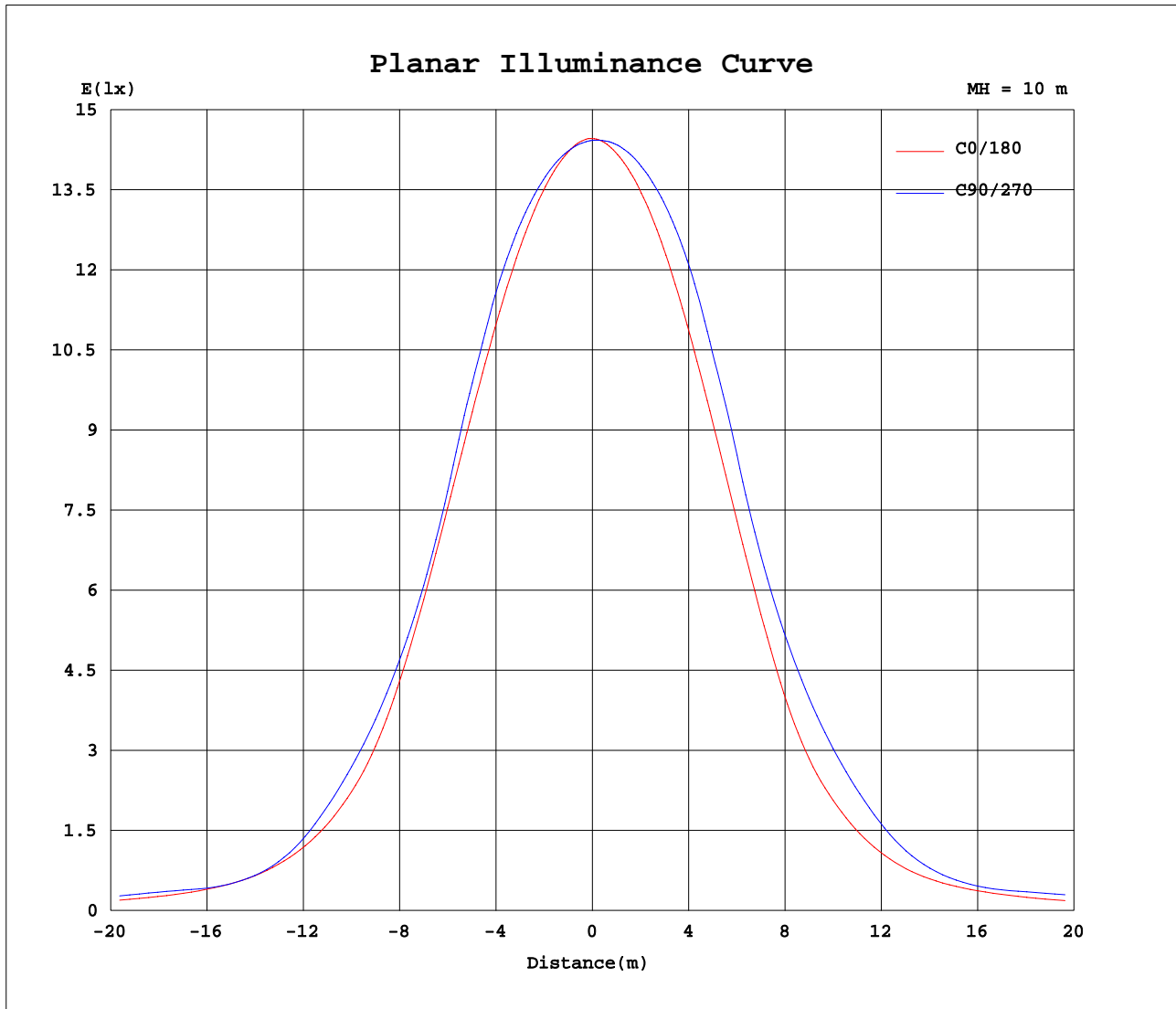
AvgL	cd/m2
L_0~180(65)av	4116
L_0~180(75)av	5362
L_0~180(85)av	4731
L_90~270(65)av	6103
L_90~270(75)av	5800
L_90~270(85)av	5932
L_45(65)av	5355
L_45(75)av	5620
L_45(85)av	5433

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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: 2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*280*42						SERIAL No.:		
MFR.:									SUR.:0.6*.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	1446	1445	1445	1445	1445	1444	1444	1444	1444	1443	1443	1443	1443	1443	1443	1443	1443	1443	1443
5	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1444	1443	1443	1443	1443	1443	1443
10	1436	1438	1440	1441	1443	1444	1445	1446	1447	1448	1449	1450	1450	1451	1451	1452	1452	1452	1452
15	1421	1426	1430	1434	1438	1441	1444	1447	1449	1452	1454	1456	1457	1458	1459	1460	1461	1461	1461
20	1390	1397	1404	1411	1417	1423	1428	1433	1437	1441	1445	1448	1450	1452	1454	1455	1456	1456	1456
25	1329	1337	1345	1353	1360	1366	1372	1378	1383	1387	1391	1395	1397	1400	1402	1403	1404	1404	1404
30	1225	1232	1239	1246	1252	1257	1262	1266	1270	1274	1277	1280	1282	1283	1285	1285	1286	1285	1285
35	1060	1066	1073	1078	1083	1088	1092	1096	1100	1103	1105	1107	1109	1110	1110	1111	1110	1110	1108
40	840	853	864	875	885	895	903	911	918	924	929	934	937	940	942	943	944	943	942
45	629	645	659	673	685	697	708	717	726	734	741	747	752	756	759	761	762	762	761
50	457	466	473	481	487	493	499	504	509	513	516	519	521	523	525	525	526	525	525
55	322	322	323	324	324	325	325	325	326	326	326	326	325	325	325	324	324	323	322
60	242	248	254	260	265	270	275	279	282	286	289	291	293	295	296	297	298	298	298
65	194	202	210	217	223	230	235	241	245	250	253	257	260	262	264	266	267	267	267
70	192	192	192	192	193	193	193	193	193	193	194	194	194	194	194	194	194	194	194
75	161	161	161	161	162	162	162	162	162	162	162	161	161	161	161	161	160	160	159
80	100	101	102	103	104	104	105	105	106	106	107	107	107	107	107	107	106	106	106
85	53.0	52.8	52.6	52.4	52.2	52.0	51.7	51.5	51.2	50.9	50.6	50.3	49.9	49.6	49.2	48.9	48.5	48.1	47.7
90	3.20	3.03	2.86	2.70	2.55	2.41	2.28	2.15	2.03	1.92	1.82	1.72	1.63	1.56	1.48	1.42	1.37	1.32	1.28
95	18.0	19.5	20.9	22.2	23.4	24.5	25.5	26.4	27.2	27.9	28.5	29.0	29.4	29.7	29.9	30.0	30.0	29.9	29.7
100	95.6	99.6	103	107	110	113	115	118	120	121	123	124	125	125	126	126	126	125	124
105	223	230	236	242	248	253	258	262	266	270	272	275	277	278	280	280	280	280	279
110	359	372	383	394	404	413	422	429	436	442	448	452	456	459	462	463	464	464	463
115	637	642	646	650	654	657	659	661	662	663	664	663	663	662	660	658	655	652	648
120	831	831	831	831	831	831	831	831	831	830	830	829	829	828	827	826	825	824	823
125	990	990	990	990	990	990	990	989	989	989	988	988	987	986	986	985	984	983	982
130	1130	1132	1134	1136	1138	1139	1141	1142	1143	1144	1144	1145	1145	1145	1145	1145	1145	1144	1143
135	1256	1259	1262	1264	1266	1268	1270	1271	1272	1273	1274	1275	1276	1276	1276	1276	1276	1275	1275
140	1369	1372	1374	1377	1379	1380	1382	1384	1385	1386	1387	1388	1388	1389	1389	1389	1389	1388	1388
145	1467	1470	1472	1474	1476	1478	1480	1481	1482	1483	1484	1485	1485	1486	1486	1486	1486	1486	1485
150	1552	1554	1556	1558	1560	1561	1563	1564	1565	1566	1567	1567	1568	1568	1568	1568	1568	1568	1568
155	1623	1625	1627	1629	1630	1632	1633	1634	1635	1636	1637	1637	1638	1638	1638	1639	1638	1638	1638
160	1682	1684	1685	1687	1688	1689	1690	1691	1692	1692	1693	1694	1694	1694	1694	1694	1694	1694	1694
165	1727	1728	1729	1730	1731	1732	1733	1733	1734	1735	1735	1735	1736	1736	1736	1736	1736	1736	1735
170	1758	1759	1760	1760	1761	1762	1762	1763	1763	1763	1764	1764	1764	1764	1764	1764	1764	1764	1764
175	1778	1778	1779	1779	1780	1780	1780	1781	1781	1781	1781	1782	1782	1782	1782	1782	1782	1782	1782
180	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*.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	1443	1443	1443	1443	1443	1444	1444	1444	1444	1444	1445	1445	1445	1445	1445	1446	1446	1446	1446
5	1443	1443	1443	1442	1442	1442	1442	1441	1441	1441	1441	1441	1441	1441	1441	1441	1441	1441	1442
10	1451	1450	1448	1447	1446	1445	1443	1442	1441	1439	1438	1437	1436	1435	1434	1434	1433	1433	1435
15	1459	1456	1453	1450	1448	1444	1441	1438	1435	1432	1429	1427	1424	1422	1420	1418	1416	1415	1419
20	1453	1448	1444	1439	1434	1429	1423	1418	1413	1408	1403	1398	1394	1390	1386	1383	1380	1378	1385
25	1399	1393	1388	1382	1376	1369	1363	1356	1350	1344	1338	1332	1327	1322	1318	1314	1311	1309	1317
30	1279	1274	1267	1261	1255	1248	1242	1235	1229	1223	1217	1211	1206	1202	1198	1194	1192	1190	1200
35	1103	1096	1090	1083	1076	1070	1063	1056	1049	1043	1037	1031	1026	1021	1017	1013	1011	1009	1018
40	933	924	915	904	894	883	872	861	851	840	830	820	811	803	795	789	783	779	790
45	753	743	733	722	711	699	687	676	664	652	641	631	621	611	603	595	589	584	596
50	519	512	506	499	491	484	477	470	462	455	449	443	437	432	427	423	420	418	428
55	320	318	316	313	311	309	306	304	302	300	299	297	296	295	294	293	293	293	298
60	295	292	288	284	280	276	271	267	262	258	253	249	245	241	237	234	231	228	231
65	264	260	256	251	246	242	236	231	226	221	216	212	207	203	199	195	192	190	195
70	193	193	192	191	191	190	190	190	189	189	188	188	188	188	188	188	188	188	190
75	159	158	157	156	155	154	153	152	151	150	149	148	148	147	147	146	146	146	147
80	104	103	102	100	99.0	97.6	96.1	94.7	93.4	92.1	90.8	89.7	88.6	87.7	86.8	86.1	85.6	85.2	87.0
85	46.9	46.0	45.2	44.4	43.6	42.8	42.1	41.4	40.7	40.1	39.6	39.1	38.7	38.4	38.1	38.0	38.0	38.0	39.3
90	1.21	1.15	1.10	1.06	1.03	1.02	1.01	1.02	1.04	1.07	1.12	1.19	1.27	1.37	1.48	1.62	1.77	1.94	2.35
95	28.7	27.6	26.4	25.2	23.9	22.6	21.2	19.9	18.6	17.2	15.9	14.7	13.5	12.3	11.3	10.3	9.45	8.71	9.50
100	121	118	114	111	107	103	98.7	94.7	90.7	86.7	82.8	79.1	75.5	72.1	69.0	66.1	63.6	61.4	63.6
105	275	270	265	260	255	249	243	237	231	225	220	214	209	204	199	195	191	187	191
110	457	450	443	435	426	417	408	399	390	381	372	363	355	347	339	332	326	320	325
115	640	631	622	613	603	594	584	574	565	556	546	538	529	522	514	508	502	497	500
120	822	820	818	816	814	812	810	808	806	804	802	800	798	796	795	793	792	790	790
125	981	979	977	975	974	972	970	968	967	965	963	961	960	958	957	955	954	953	952
130	1142	1140	1138	1135	1133	1131	1128	1125	1123	1120	1118	1115	1112	1110	1107	1105	1103	1100	1099
135	1273	1271	1269	1267	1264	1262	1259	1256	1254	1251	1248	1245	1243	1240	1237	1235	1232	1230	1229
140	1386	1384	1382	1380	1378	1376	1373	1371	1368	1365	1363	1360	1358	1355	1352	1350	1348	1345	1344
145	1484	1482	1480	1478	1476	1474	1472	1470	1468	1465	1463	1461	1458	1456	1454	1451	1449	1447	1446
150	1566	1565	1563	1562	1560	1558	1556	1554	1552	1550	1548	1546	1544	1542	1540	1538	1536	1535	1534
155	1637	1636	1634	1633	1631	1630	1628	1626	1624	1623	1621	1619	1617	1615	1614	1612	1610	1609	1608
160	1693	1692	1691	1690	1688	1687	1686	1684	1683	1681	1680	1678	1677	1675	1674	1672	1671	1670	1669
165	1735	1734	1733	1732	1732	1731	1730	1729	1728	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717
170	1764	1763	1763	1762	1762	1761	1760	1760	1759	1758	1758	1757	1756	1755	1755	1754	1753	1753	1752
175	1782	1781	1781	1781	1780	1780	1780	1779	1779	1778	1778	1778	1777	1777	1776	1776	1775	1775	1775
180	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 610*280*42					SERIAL No.:				
MFR.:									SUR.:0.6*.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	1446	1445	1445	1445	1445	1445	1444	1444	1444	1444	1444	1443	1443	1443	1443	1443	1443	1443	1443
5	1442	1443	1444	1445	1445	1446	1447	1448	1449	1449	1450	1451	1452	1452	1453	1453	1454	1454	1454
10	1437	1439	1442	1444	1447	1450	1452	1455	1458	1460	1463	1465	1467	1469	1471	1473	1475	1475	1474
15	1423	1428	1433	1438	1443	1448	1454	1459	1464	1469	1474	1479	1484	1488	1492	1496	1499	1499	1498
20	1391	1399	1407	1415	1423	1432	1440	1449	1458	1466	1474	1482	1490	1497	1503	1509	1514	1514	1513
25	1326	1335	1346	1356	1367	1378	1389	1400	1411	1422	1432	1443	1452	1461	1470	1477	1484	1484	1483
30	1210	1221	1232	1244	1256	1268	1281	1294	1306	1318	1330	1342	1352	1363	1372	1381	1388	1389	1388
35	1028	1039	1051	1062	1075	1087	1100	1113	1125	1138	1150	1161	1173	1183	1193	1202	1210	1211	1210
40	803	817	831	846	862	878	895	911	928	944	960	975	990	1004	1017	1029	1039	1040	1040
45	610	624	639	655	672	689	706	724	741	758	775	791	806	821	834	847	857	858	857
50	439	450	462	475	487	501	514	527	540	553	566	578	590	601	611	620	628	629	628
55	303	308	313	319	325	331	336	342	348	354	359	364	370	374	379	383	386	387	387
60	234	238	241	245	250	254	259	263	268	272	277	281	286	290	293	297	300	300	300
65	201	207	213	220	227	234	241	248	255	262	269	276	282	288	293	298	302	302	301
70	191	193	195	196	198	200	202	204	206	207	209	211	212	213	215	216	217	217	217
75	148	149	151	152	154	155	157	159	160	162	164	165	167	168	170	171	172	172	173
80	88.8	90.9	93.0	95.3	97.6	100.0	102	105	107	110	112	114	117	119	121	122	124	124	125
85	40.8	42.3	43.9	45.5	47.2	49.0	50.7	52.5	54.2	56.0	57.7	59.4	61.0	62.5	63.9	65.2	66.5	66.8	67.0
90	2.78	3.23	3.68	4.14	4.60	5.06	5.52	5.97	6.42	6.84	7.26	7.65	8.01	8.35	8.66	8.94	9.18	9.19	9.16
95	10.4	11.4	12.5	13.7	15.0	16.3	17.6	19.0	20.4	21.8	23.2	24.5	25.8	27.1	28.3	29.4	30.4	30.6	30.7
100	66.1	69.0	72.2	75.6	79.1	82.9	86.8	90.7	94.8	98.8	103	107	111	114	118	121	124	125	126
105	194	198	203	208	213	218	224	230	235	241	247	253	258	263	268	273	277	278	278
110	330	336	343	350	358	366	374	382	391	399	407	416	423	431	438	445	451	451	451
115	505	510	516	523	530	538	546	554	562	571	580	589	597	606	614	623	631	634	638
120	790	790	790	790	790	791	791	792	792	793	794	795	796	797	798	800	801	802	803
125	952	951	951	951	951	951	951	951	952	952	953	953	954	955	956	956	958	959	960
130	1098	1097	1097	1096	1096	1095	1095	1095	1095	1095	1095	1095	1096	1096	1097	1098	1099	1100	1100
135	1228	1227	1226	1226	1225	1225	1224	1224	1224	1224	1225	1225	1225	1226	1226	1227	1228	1229	1230
140	1343	1342	1342	1341	1340	1340	1340	1340	1339	1339	1340	1340	1340	1340	1341	1342	1342	1343	1344
145	1445	1444	1444	1443	1442	1442	1442	1441	1441	1441	1441	1441	1441	1442	1442	1443	1443	1444	1445
150	1533	1532	1531	1530	1530	1529	1529	1528	1528	1528	1528	1528	1528	1528	1528	1528	1529	1529	1530
155	1607	1606	1605	1605	1604	1603	1603	1603	1602	1602	1602	1602	1602	1602	1602	1603	1603	1603	1604
160	1668	1667	1667	1666	1666	1665	1665	1664	1664	1664	1664	1664	1664	1664	1664	1664	1665	1665	1665
165	1717	1716	1716	1715	1715	1714	1714	1713	1713	1713	1713	1713	1713	1713	1713	1713	1713	1713	1714
170	1752	1751	1751	1750	1750	1750	1749	1749	1749	1749	1748	1748	1748	1748	1748	1748	1748	1748	1749
175	1774	1774	1774	1774	1773	1773	1773	1773	1773	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772
180	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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:229.75V I:0.2744A P:60.961W PF:0.9668 Freq:49.99Hz Lamp Flux:8249.05x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*280*42						SERIAL No.:		
MFR.:									SUR.:0.6*.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	1443	1443	1443	1443	1443	1443	1443	1444	1444	1444	1444	1445	1445	1445	1445				
5	1454	1453	1453	1453	1452	1452	1451	1451	1450	1449	1449	1448	1447	1446	1445				
10	1474	1473	1472	1471	1469	1467	1465	1463	1461	1458	1455	1452	1448	1444	1440				
15	1497	1495	1493	1491	1488	1484	1480	1476	1471	1465	1459	1453	1446	1438	1430				
20	1511	1509	1506	1502	1497	1491	1484	1477	1469	1460	1450	1440	1429	1417	1404				
25	1481	1478	1474	1469	1463	1455	1447	1438	1428	1417	1405	1392	1377	1362	1346				
30	1386	1383	1379	1374	1368	1360	1352	1342	1331	1320	1307	1292	1277	1261	1244				
35	1209	1207	1203	1199	1193	1186	1179	1170	1160	1149	1137	1123	1109	1094	1077				
40	1038	1035	1030	1024	1016	1007	997	985	972	957	941	924	905	885	863				
45	854	850	844	837	828	818	806	793	778	761	743	723	702	679	655				
50	626	623	619	614	607	599	590	580	569	557	543	528	512	495	477				
55	387	386	384	382	380	377	374	370	366	361	355	350	343	337	329				
60	299	298	297	295	293	290	287	284	280	276	271	266	261	255	249				
65	299	297	294	291	286	281	276	269	262	255	246	237	227	217	206				
70	216	216	215	214	213	212	211	210	208	206	204	202	200	197	194				
75	173	173	173	172	172	172	171	170	170	169	168	167	165	164	162				
80	124	124	124	123	122	121	120	119	117	115	113	111	109	106	103				
85	67.1	67.1	66.9	66.6	66.2	65.7	65.0	64.2	63.2	62.2	61.0	59.6	58.2	56.6	54.9				
90	9.10	8.99	8.84	8.65	8.42	8.15	7.84	7.49	7.10	6.66	6.19	5.67	5.12	4.52	3.88				
95	30.7	30.6	30.4	30.1	29.6	29.1	28.5	27.7	26.9	25.9	24.9	23.7	22.5	21.1	19.6				
100	126	126	126	125	124	123	121	120	118	115	113	110	107	103	99.6				
105	278	277	276	275	273	271	268	265	261	257	252	247	242	236	229				
110	451	450	448	445	442	438	433	427	421	414	407	399	390	381	370				
115	641	643	645	647	648	649	650	650	650	649	648	647	645	643	640				
120	805	806	807	809	810	812	814	815	817	819	821	822	824	826	829				
125	961	962	964	965	967	968	970	972	974	976	978	980	982	985	987				
130	1102	1103	1104	1105	1107	1109	1110	1112	1114	1116	1118	1120	1123	1125	1128				
135	1231	1232	1233	1234	1235	1237	1238	1240	1242	1243	1245	1247	1249	1252	1254				
140	1345	1346	1347	1348	1349	1351	1352	1354	1355	1357	1359	1361	1363	1365	1367				
145	1445	1446	1447	1448	1449	1450	1452	1453	1455	1456	1458	1460	1461	1463	1465				
150	1531	1532	1532	1533	1534	1536	1537	1538	1540	1541	1543	1545	1546	1548	1550				
155	1605	1605	1606	1607	1608	1609	1610	1611	1612	1614	1615	1617	1618	1620	1622				
160	1666	1666	1667	1668	1669	1670	1670	1671	1673	1674	1675	1676	1678	1679	1681				
165	1714	1714	1715	1716	1716	1717	1718	1719	1719	1720	1721	1722	1724	1725	1726				
170	1749	1749	1750	1750	1750	1751	1751	1752	1753	1753	1754	1755	1756	1756	1757				
175	1772	1773	1773	1773	1773	1774	1774	1774	1775	1775	1775	1776	1776	1777	1777				
180	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785	1785				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-07-05

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: