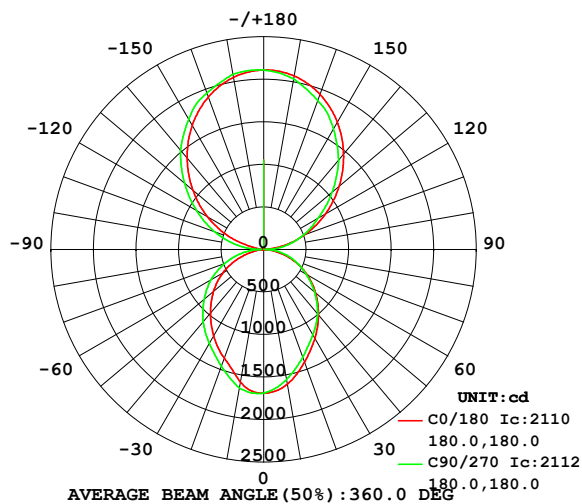


LUMINAIRE PHOTOMETRIC TEST REPORT

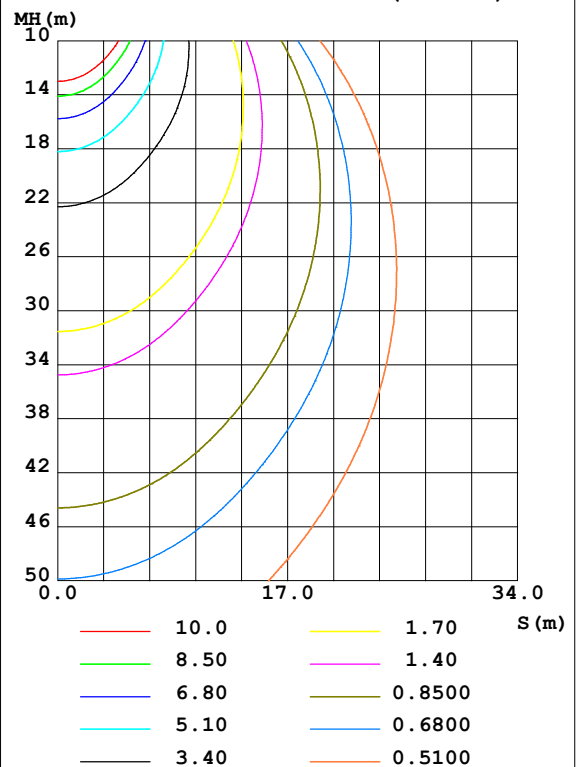
NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.86 lm/W			
MODEL	2835	I _{max} (cd)	2112	S/MH (C0/180)	1.08
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	1.03
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	9691.1	η UP, DN (C0-180)	27.7, 20.0
NOMINAL FLUX (lm)	4845.57	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	30.1, 22.2
LAMPS INSIDE	2	η up (%)	57.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	42.2	CIBSE SHR MAX	1.30

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: wt
Test Date: 2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 6.400m [K=1.5625]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	1669	1644	1636	1644	1669	1685	1692	1683	0- 5	40.06	40.06	0.41,0.41
10	1608	1569	1554	1555	1582	1630	1655	1637	5- 10	116.7	156.7	1.62,1.62
15	1514	1478	1451	1455	1455	1531	1558	1560	10- 15	183.5	340.2	3.51,3.51
20	1408	1375	1347	1352	1359	1421	1460	1457	15- 20	238.3	578.4	5.97,5.97
25	1305	1276	1246	1247	1273	1321	1364	1360	20- 25	282.7	861.1	8.89,8.89
30	1206	1183	1159	1146	1177	1230	1279	1271	25- 30	317.6	1179	12.2,12.2
35	1105	1085	1075	1051	1076	1143	1194	1179	30- 35	342.2	1521	15.7,15.7
40	1002	973.7	990.0	948.7	975.4	1044	1110	1077	35- 40	355.8	1877	19.4,19.4
45	900.1	870.6	885.7	847.5	873.9	947.8	1012	983.4	40- 45	358.2	2235	23.1,23.1
50	797.2	773.5	781.3	747.3	771.2	853.3	914.7	894.8	45- 50	349.7	2585	26.7,26.7
55	692.9	658.7	677.0	638.3	665.6	741.2	817.1	777.2	50- 55	330.8	2915	30.1,30.1
60	587.9	542.1	572.6	527.7	555.6	628.1	719.5	660.0	55- 60	301.8	3217	33.2,33.2
65	478.9	425.6	479.8	416.9	439.1	516.0	604.8	544.7	60- 65	263.7	3481	35.9,35.9
70	365.3	325.6	387.0	319.2	317.3	408.0	490.1	434.4	65- 70	219.1	3700	38.2,38.2
75	249.6	245.7	294.2	239.8	196.6	306.3	375.4	328.6	70- 75	170.4	3870	39.9,39.9
80	140.4	167.8	201.5	163.2	89.89	207.8	260.7	224.5	75- 80	120.5	3991	41.2,41.2
85	52.01	91.15	108.7	88.76	20.01	111.7	146.1	121.6	80- 85	72.41	4063	41.9,41.9
90	11.76	15.48	15.89	15.64	12.79	17.02	31.37	19.65	85- 90	29.54	4093	42.2,42.2
95	59.59	127.0	140.7	114.7	21.30	141.3	177.2	151.6	90- 95	36.94	4130	42.6,42.6
100	193.7	237.1	259.8	212.6	91.33	270.1	323.3	288.2	95-100	93.20	4223	43.6,43.6
105	359.4	350.1	378.9	315.0	210.9	403.2	469.4	428.0	100-105	157.1	4380	45.2,45.2
110	518.5	467.1	498.1	424.0	416.0	542.3	615.5	572.7	105-110	226.1	4606	47.5,47.5
115	681.5	607.1	617.2	562.2	584.7	690.2	761.6	724.0	110-115	293.3	4900	50.6,50.6
120	841.3	766.4	736.3	721.9	757.5	845.8	907.7	882.2	115-120	354.8	5254	54.2,54.2
125	999.1	930.1	894.9	885.8	923.6	1007	1061	1045	120-125	410.1	5664	58.5,58.4
130	1159	1098	1054	1054	1088	1173	1215	1213	125-130	455.2	6120	63.1,63.1
135	1314	1244	1212	1205	1247	1319	1369	1355	130-135	486.8	6606	68.2,68.2
140	1462	1393	1371	1357	1401	1466	1523	1498	135-140	502.8	7109	73.4,73.4
145	1602	1542	1506	1511	1547	1614	1645	1642	140-145	501.0	7610	78.5,78.5
150	1731	1669	1640	1641	1682	1733	1767	1759	145-150	481.9	8092	83.5,83.5
155	1844	1780	1771	1755	1803	1835	1883	1859	150-155	445.6	8538	88.1,88.1
160	1940	1885	1863	1864	1907	1932	1956	1953	155-160	391.3	8929	92.1,92.1
165	2016	1983	1950	1966	1991	2021	2024	2038	160-165	322.2	9251	95.5,95.5
170	2071	2047	2038	2037	2054	2075	2091	2085	165-170	240.8	9492	97.9,97.9
175	2102	2089	2083	2084	2094	2103	2110	2108	170-175	148.7	9641	99.5,99.5
180	2110	2110	2110	2110	2110	2110	2110	2110	175-180	50.26	9691	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

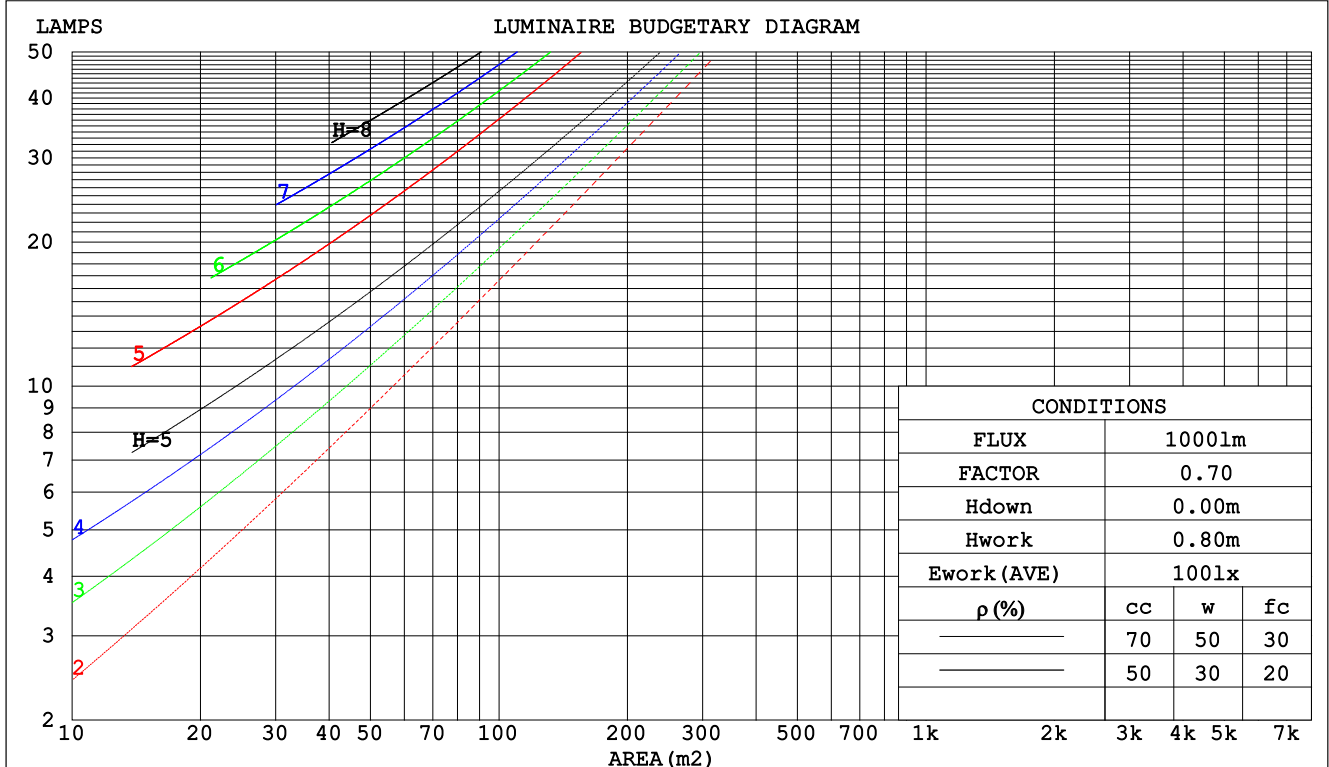
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:wt
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:6.400m [K=1.5625]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	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	1.05	1.05	1.05	.96	.96	.96	.79	.79	.79	.63	.63	.63	.49	.49	.49	.42
1.0	.92	.88	.84	.84	.80	.77	.69	.67	.64	.55	.54	.52	.43	.42	.41	.35
2.0	.80	.74	.69	.73	.68	.63	.60	.57	.53	.49	.46	.44	.38	.36	.34	.29
3.0	.70	.63	.57	.64	.58	.53	.53	.48	.45	.43	.40	.37	.33	.31	.29	.25
4.0	.62	.54	.48	.57	.50	.45	.47	.42	.38	.38	.34	.31	.30	.27	.25	.21
5.0	.55	.47	.41	.51	.44	.38	.42	.37	.33	.34	.30	.27	.27	.24	.22	.18
6.0	.49	.41	.36	.45	.38	.33	.38	.33	.28	.31	.27	.24	.24	.21	.19	.16
7.0	.45	.37	.31	.41	.34	.29	.34	.29	.25	.28	.24	.21	.22	.19	.17	.14
8.0	.40	.33	.27	.37	.30	.26	.31	.26	.22	.26	.22	.19	.20	.18	.15	.13
9.0	.37	.29	.24	.34	.27	.23	.29	.23	.20	.24	.20	.17	.19	.16	.14	.12
10.0	.34	.27	.22	.31	.25	.21	.26	.21	.18	.22	.18	.15	.18	.15	.13	.11



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: wt
 Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 6.400m [K=1.5625]
 Remarks:

WEC AND CCEC

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	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	.281	.160	.051	.256	.146	.046	.211	.121	.039	.169	.097	.031	.130	.075	.024	
2.0	.260	.142	.044	.237	.131	.040	.196	.109	.034	.157	.088	.028	.122	.069	.022	
3.0	.240	.128	.038	.219	.117	.035	.181	.098	.030	.146	.080	.024	.113	.062	.019	
4.0	.221	.115	.034	.203	.106	.031	.168	.089	.027	.135	.072	.022	.104	.057	.017	
5.0	.205	.104	.030	.188	.096	.028	.155	.081	.024	.125	.066	.020	.097	.052	.016	
6.0	.191	.096	.027	.175	.088	.025	.145	.074	.022	.117	.061	.018	.090	.048	.014	
7.0	.178	.088	.025	.163	.081	.023	.135	.068	.020	.109	.056	.016	.085	.044	.013	
8.0	.166	.081	.023	.153	.075	.021	.127	.063	.018	.102	.052	.015	.079	.041	.012	
9.0	.156	.076	.021	.143	.070	.020	.119	.059	.017	.096	.048	.014	.075	.038	.011	
10.0	.147	.070	.020	.135	.065	.018	.112	.055	.016	.091	.045	.013	.071	.036	.010	

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	.631	.631	.631	.539	.539	.539	.368	.368	.368	.211	.211	.211	.068	.068	.068	
1.0	.622	.600	.580	.532	.515	.500	.364	.354	.345	.210	.205	.201	.067	.066	.065	
2.0	.615	.579	.549	.526	.498	.474	.361	.345	.331	.208	.201	.194	.067	.065	.063	
3.0	.608	.563	.528	.521	.486	.458	.358	.338	.321	.207	.197	.189	.066	.064	.062	
4.0	.601	.551	.514	.516	.477	.446	.355	.332	.314	.205	.195	.186	.066	.063	.061	
5.0	.595	.542	.504	.511	.469	.438	.352	.328	.309	.204	.192	.184	.066	.063	.060	
6.0	.589	.535	.497	.506	.463	.432	.349	.324	.306	.202	.191	.182	.065	.062	.060	
7.0	.583	.529	.491	.501	.458	.428	.346	.321	.303	.201	.189	.181	.065	.062	.060	
8.0	.577	.524	.487	.497	.454	.425	.344	.319	.301	.200	.188	.180	.065	.062	.059	
9.0	.572	.519	.484	.493	.451	.422	.341	.317	.300	.199	.187	.179	.064	.061	.059	
10.0	.567	.516	.482	.489	.448	.420	.339	.315	.299	.198	.186	.178	.064	.061	.059	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:wt
Test Date:2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:6.400m [K=1.5625]
Remarks:

UGR(Unified Glare Rating) Table

NAME: LIGHTING						TYPE:FL-LUM-01-WE-SP					WEIGHT:				
SPEC.:4000K CRI80						DIM.:					SERIAL No.:				
MFR.: Ofinto						SUR.:583*304+660*118*2					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						13.1	14.0	14.1	15.0	16.2	12.8	13.7	13.7	14.6	15.8
3H						14.5	15.2	15.4	16.2	17.4	14.3	15.1	15.3	16.1	17.3
4H						14.9	15.6	15.9	16.6	17.9	15.0	15.8	16.0	16.7	18.0
6H						15.2	15.9	16.2	16.8	18.1	15.6	16.3	16.6	17.3	18.6
8H						15.2	15.9	16.2	16.8	18.2	15.9	16.5	16.9	17.5	18.8
12H						15.2	15.8	16.2	16.8	18.1	16.1	16.7	17.1	17.7	19.0
4H 2H						13.4	14.2	14.4	15.1	16.4	13.1	13.9	14.1	14.8	16.1
3H						14.9	15.5	15.9	16.5	17.8	14.8	15.4	15.8	16.4	17.7
4H						15.4	16.0	16.5	17.0	18.3	15.6	16.2	16.7	17.2	18.5
6H						15.8	16.3	16.8	17.3	18.6	16.4	16.9	17.4	17.9	19.3
8H						15.8	16.3	16.9	17.3	18.7	16.7	17.1	17.7	18.2	19.6
12H						15.8	16.2	16.9	17.3	18.7	17.0	17.4	18.0	18.4	19.8
8H 4H						15.6	16.0	16.6	17.1	18.4	15.8	16.2	16.8	17.2	18.6
6H						16.1	16.4	17.1	17.5	18.9	16.7	17.0	17.7	18.1	19.5
8H						16.2	16.5	17.3	17.6	19.0	17.1	17.4	18.2	18.5	19.9
12H						16.3	16.5	17.3	17.6	19.0	17.5	17.7	18.5	18.8	20.2
12H 4H						15.6	16.0	16.6	17.0	18.4	15.7	16.1	16.8	17.2	18.6
6H						16.1	16.4	17.2	17.5	18.9	16.7	17.0	17.7	18.1	19.5
8H						16.3	16.6	17.4	17.6	19.1	17.1	17.4	18.2	18.5	19.9
Variations with the observer position at spacings:															
S = 1.0H						+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H						+ 0.2 / - 0.3					+ 0.1 / - 0.2				
2.0H						+ 0.2 / - 0.3					+ 0.2 / - 0.2				

CIE Pub.117 Corrected 9691 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.9)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:wt
Test Date:2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:6.400m [K=1.5625]
Remarks:

```

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:6.400m [K=1.5625]
Remarks:

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ISOCANDELA DIAGRAM

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	Shielding Angle:

Conical surface Flux(90deg):

2235 lm

%lum = 23.1%

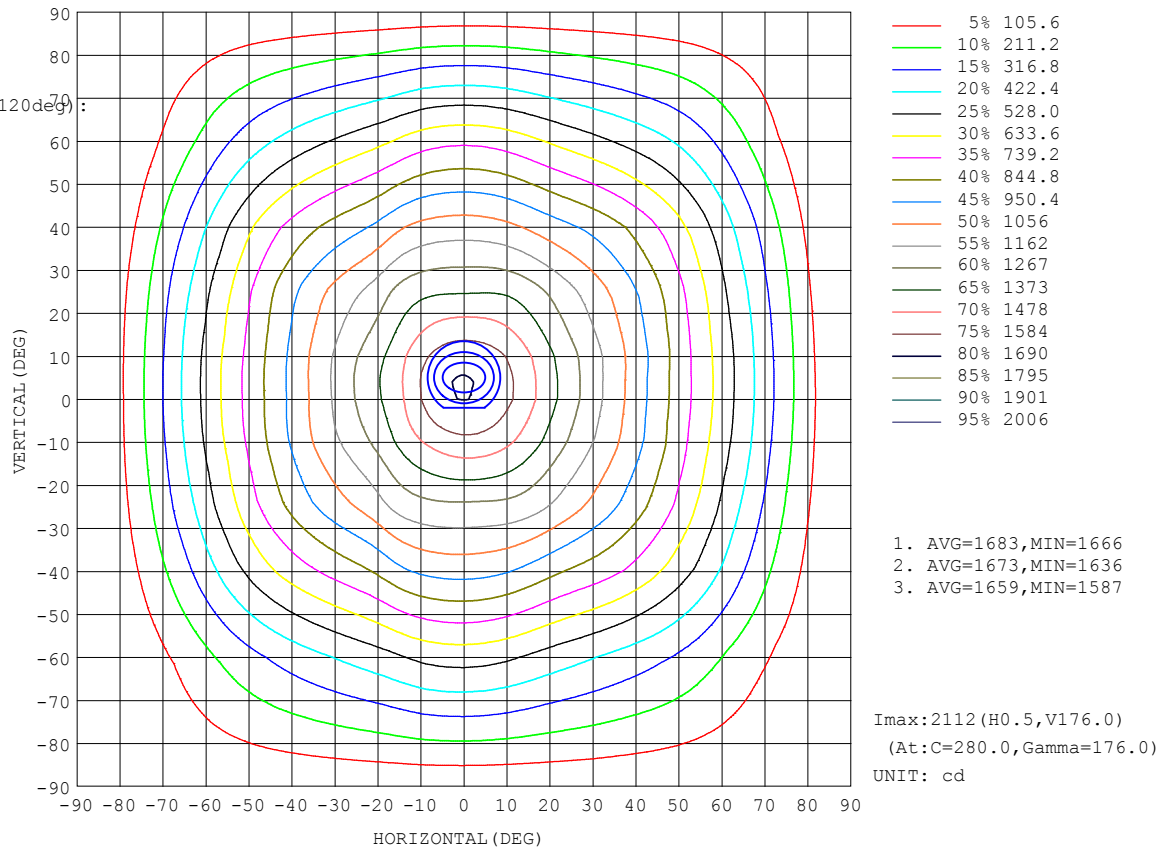
%lamp = 23.1%

Conical surface Flux(120deg):

3217.2 lm

%lum = 33.2%

%lamp = 33.2%

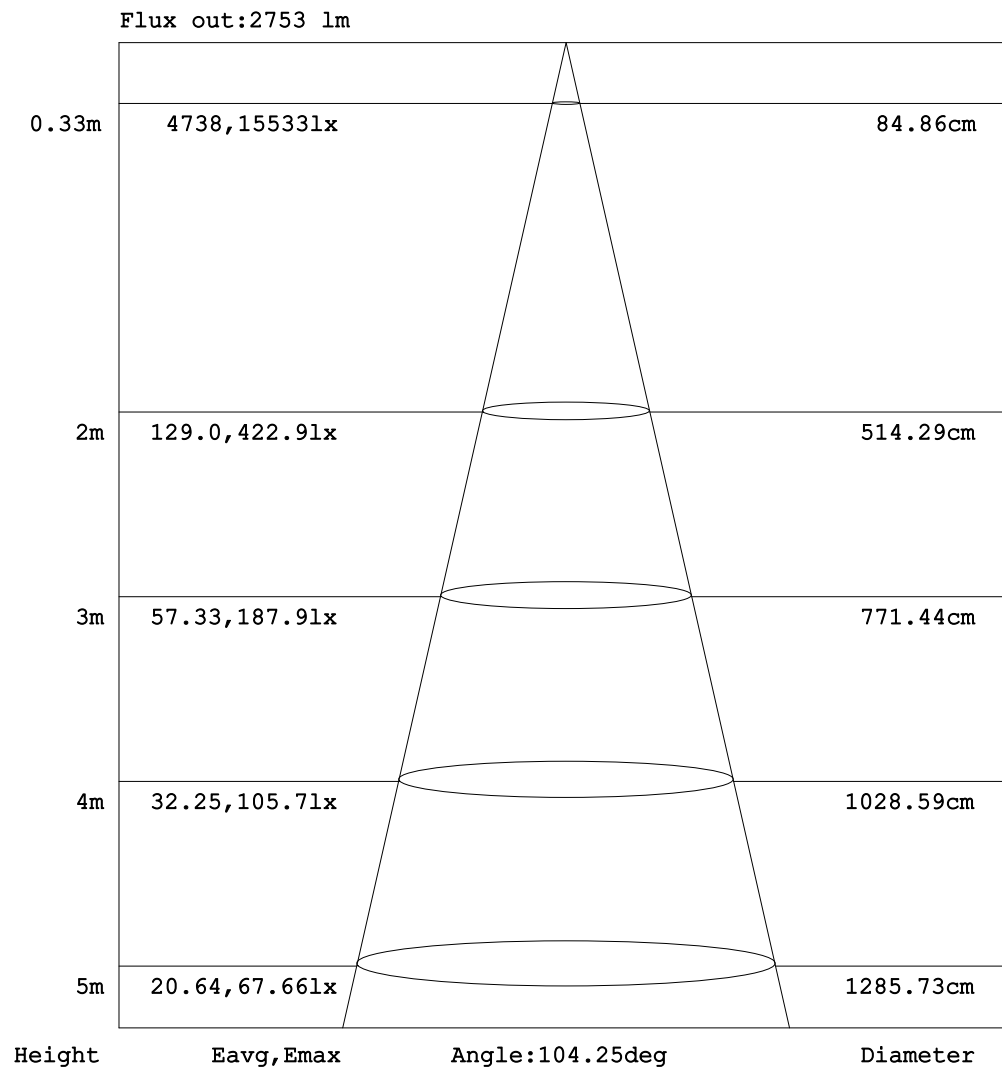


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:wt
Test Date:2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:6.400m [K=1.5625]
Remarks:

AAI Figure

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	Shielding Angle:



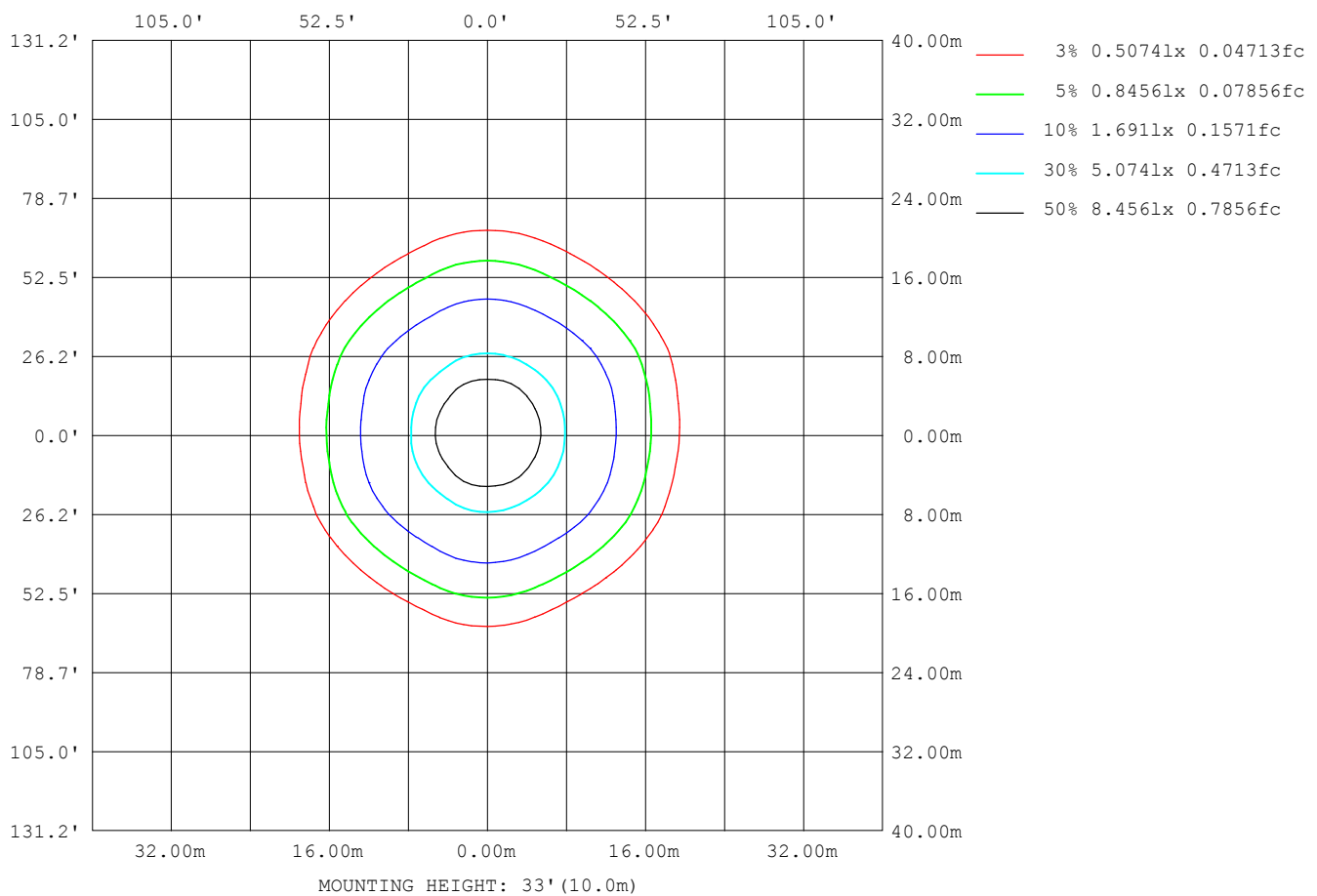
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: wt
 Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 6.400m [K=1.5625]
 Remarks:

ISOLUX DIAGRAM

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: wt
 Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 6.400m [K=1.5625]
 Remarks:

LED Avg.L Report

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	Shielding Angle:

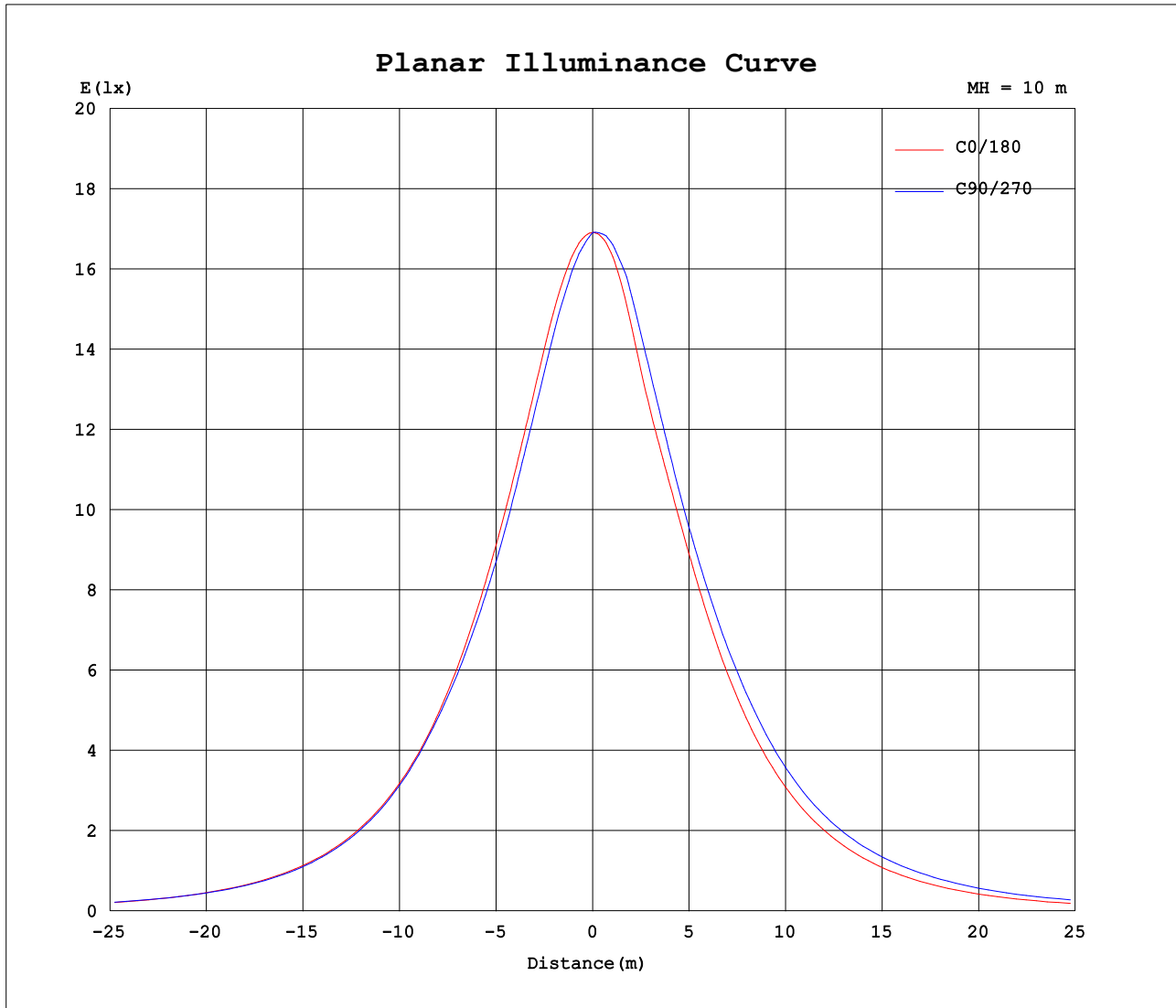
AvgL	cd/m2
L_0~180 (65) av	3271
L_0~180 (75) av	2597
L_0~180 (85) av	1245
L_90~270 (65) av	3865
L_90~270 (75) av	3897
L_90~270 (85) av	4402
L_45 (65) av	3391
L_45 (75) av	3260
L_45 (85) av	3570

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: wt
 Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
 Humidity: 65.0%
 Test Distance: 6.400m [K=1.5625]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: wt
Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 6.400m [K=1.5625]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	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	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691
5	1669	1665	1661	1657	1654	1651	1649	1647	1645	1644	1643	1641	1640	1639	1638	1637	1637	1637	1636
10	1608	1600	1594	1588	1584	1581	1577	1575	1572	1569	1567	1565	1563	1561	1560	1559	1557	1556	1554
15	1514	1505	1498	1493	1489	1486	1484	1482	1482	1478	1474	1470	1466	1463	1459	1457	1454	1452	1451
20	1408	1398	1391	1386	1384	1383	1383	1379	1377	1375	1373	1371	1368	1364	1359	1354	1351	1348	1347
25	1305	1295	1288	1284	1283	1280	1276	1274	1275	1276	1278	1278	1276	1271	1264	1256	1250	1246	1246
30	1206	1197	1192	1190	1187	1180	1177	1176	1178	1183	1187	1187	1183	1178	1171	1166	1161	1159	1159
35	1105	1098	1097	1099	1090	1086	1084	1086	1089	1085	1078	1075	1073	1074	1074	1073	1073	1073	1075
40	1002	998	1002	1000	995	994	996	995	984	974	965	961	960	964	971	977	983	987	990
45	900	896	905	899	899	904	902	891	881	871	860	852	849	853	861	871	878	883	886
50	797	793	798	796	802	805	796	790	783	773	756	743	737	740	750	762	772	778	781
55	693	688	688	691	699	694	691	690	676	659	644	634	628	630	640	654	665	673	677
60	588	581	576	583	582	585	585	570	555	542	531	523	520	522	531	546	559	568	573
65	479	472	463	464	468	469	459	449	437	426	417	413	419	426	437	452	466	476	480
70	365	354	348	346	347	341	336	331	324	326	328	332	337	342	351	364	375	384	387
75	250	236	230	228	222	220	226	237	243	246	248	251	256	260	266	276	285	291	294
80	140	129	123	117	121	136	149	159	165	168	170	173	176	179	183	189	195	200	201
85	52.0	44.3	41.7	52.4	61.8	70.4	78.2	84.4	88.7	91.2	93.0	94.8	97.4	98.6	100	103	106	108	109
90	11.8	12.2	11.7	11.5	11.6	11.7	12.1	13.0	14.2	15.5	16.7	17.6	19.0	18.5	17.7	16.8	16.1	15.8	15.9
95	59.6	44.1	44.9	60.8	83.2	103	111	117	123	127	130	133	135	137	138	139	140	140	141
100	194	169	164	153	171	198	210	220	230	237	243	247	251	254	257	258	259	260	260
105	359	345	334	327	319	315	317	330	341	350	357	363	369	372	375	378	379	379	379
110	519	506	497	488	483	471	463	459	459	467	475	482	487	492	495	497	498	499	498
115	681	672	656	649	644	638	625	617	612	607	603	602	608	612	615	617	618	618	617
120	841	830	815	812	800	796	794	782	773	766	762	758	754	750	747	744	741	738	736
125	999	987	977	966	964	953	948	948	940	930	923	918	913	909	905	902	899	897	895
130	1159	1146	1139	1123	1119	1116	1105	1100	1098	1098	1088	1080	1074	1069	1065	1061	1058	1056	1054
135	1314	1300	1299	1280	1270	1269	1265	1254	1248	1244	1242	1242	1237	1230	1225	1221	1217	1215	1212
140	1462	1450	1445	1434	1419	1412	1412	1410	1401	1393	1387	1384	1381	1379	1378	1376	1374	1373	1371
145	1602	1590	1584	1581	1564	1553	1547	1546	1547	1542	1534	1527	1522	1518	1514	1512	1510	1507	1506
150	1731	1720	1713	1709	1701	1687	1677	1671	1669	1669	1670	1667	1663	1657	1652	1648	1645	1642	1640
155	1844	1834	1828	1824	1821	1812	1800	1791	1784	1780	1777	1776	1776	1776	1776	1776	1774	1772	1771
160	1940	1932	1927	1922	1918	1916	1913	1902	1893	1885	1880	1876	1872	1870	1868	1867	1865	1864	1863
165	2016	2010	2005	2002	1999	1996	1993	1991	1989	1983	1976	1970	1965	1961	1958	1955	1953	1952	1950
170	2071	2067	2063	2060	2058	2056	2054	2052	2050	2047	2045	2044	2043	2042	2041	2040	2039	2039	2038
175	2102	2100	2098	2096	2095	2093	2092	2091	2090	2089	2089	2088	2087	2086	2085	2084	2084	2083	2083
180	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: wt
Test Date: 2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 6.400m [K=1.5625]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	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	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691
5	1637	1637	1637	1638	1639	1640	1641	1643	1644	1645	1647	1648	1651	1653	1656	1660	1664	1669	1669
10	1553	1551	1550	1550	1550	1550	1551	1553	1555	1557	1560	1561	1563	1565	1567	1570	1575	1582	1584
15	1450	1449	1448	1448	1448	1449	1450	1452	1455	1457	1456	1454	1453	1451	1450	1449	1451	1455	1458
20	1347	1348	1349	1351	1352	1353	1354	1354	1352	1349	1347	1346	1342	1341	1344	1347	1352	1359	1364
25	1248	1251	1256	1260	1263	1265	1263	1256	1247	1239	1236	1238	1244	1250	1255	1261	1266	1273	1278
30	1161	1164	1167	1170	1173	1174	1169	1157	1146	1141	1143	1147	1154	1164	1169	1173	1174	1177	1183
35	1076	1077	1077	1077	1073	1064	1051	1046	1051	1058	1061	1063	1067	1073	1082	1081	1078	1076	1082
40	990	989	985	979	967	948	938	939	949	961	975	979	978	978	982	984	980	975	982
45	886	884	880	870	853	836	834	839	848	858	871	885	888	882	879	882	878	874	881
50	781	778	770	756	736	726	728	735	747	757	767	777	788	784	774	772	773	771	778
55	676	671	660	642	626	621	622	628	638	652	665	669	673	678	667	661	664	666	673
60	572	565	550	531	521	516	517	521	528	537	548	560	559	556	556	548	552	556	562
65	479	471	455	437	426	419	413	413	417	423	429	435	440	436	433	432	434	439	445
70	386	380	365	351	343	336	330	325	319	312	312	314	313	313	310	314	311	317	322
75	293	288	277	266	260	255	250	245	240	232	222	207	196	193	192	192	193	197	203
80	201	197	190	183	178	175	171	168	163	157	148	136	118	99.5	90.5	89.9	90.5	89.9	97.2
85	109	107	103	99.8	97.8	95.8	93.8	91.5	88.8	85.0	79.7	72.3	62.3	51.3	38.9	25.6	22.5	20.0	21.6
90	16.2	16.5	16.8	17.2	17.4	17.2	16.8	16.2	15.6	15.1	14.4	13.9	13.3	13.0	13.3	13.5	14.3	12.8	14.0
95	141	140	138	136	134	131	127	122	115	108	97.2	77.8	61.5	51.2	38.2	26.8	22.8	21.3	31.9
100	259	257	254	251	246	241	234	225	213	200	183	150	115	95.1	87.5	86.0	88.9	91.3	99.8
105	378	375	371	366	360	352	343	331	315	299	279	242	210	220	213	208	205	211	223
110	496	493	488	482	474	465	454	442	424	404	399	394	385	394	399	408	406	416	424
115	615	611	606	599	591	581	570	565	562	558	559	561	562	564	568	570	576	585	594
120	734	733	731	729	727	726	724	723	722	722	725	732	731	733	743	738	751	757	769
125	893	891	889	887	886	884	884	884	886	890	894	892	895	905	901	905	919	924	935
130	1051	1050	1048	1047	1046	1046	1047	1049	1054	1051	1050	1053	1063	1062	1060	1070	1084	1088	1100
135	1210	1209	1207	1207	1208	1209	1209	1206	1205	1205	1209	1218	1219	1214	1219	1234	1243	1247	1259
140	1368	1366	1363	1360	1358	1356	1355	1355	1357	1363	1370	1368	1364	1366	1376	1388	1397	1401	1412
145	1504	1502	1501	1500	1499	1500	1502	1506	1511	1514	1508	1506	1508	1514	1528	1536	1542	1547	1556
150	1639	1638	1638	1639	1641	1644	1646	1645	1641	1637	1637	1640	1646	1657	1665	1673	1677	1682	1689
155	1769	1768	1767	1766	1762	1759	1757	1755	1755	1756	1760	1767	1777	1784	1789	1794	1797	1803	1808
160	1862	1861	1859	1859	1858	1858	1859	1861	1864	1869	1875	1885	1887	1891	1895	1899	1901	1907	1910
165	1950	1949	1950	1950	1952	1954	1957	1961	1966	1971	1971	1973	1976	1979	1982	1983	1987	1991	1993
170	2037	2037	2036	2036	2035	2035	2035	2036	2037	2039	2041	2042	2043	2044	2046	2048	2050	2054	2055
175	2083	2083	2083	2083	2083	2083	2084	2084	2084	2085	2085	2086	2086	2087	2089	2090	2092	2094	2094
180	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: wt
Test Date: 2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 6.400m [K=1.5625]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	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	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691
5	1670	1672	1674	1676	1678	1680	1683	1685	1687	1689	1690	1690	1691	1691	1692	1692	1692	1691	1691
10	1589	1595	1603	1610	1616	1622	1626	1630	1633	1637	1641	1645	1648	1651	1653	1655	1655	1655	1654
15	1465	1474	1482	1492	1502	1513	1525	1531	1537	1542	1548	1551	1554	1556	1557	1558	1558	1558	1559
20	1371	1376	1380	1385	1394	1400	1410	1421	1433	1443	1451	1456	1460	1461	1461	1461	1460	1462	1465
25	1286	1290	1293	1295	1295	1299	1307	1321	1339	1355	1367	1373	1374	1372	1369	1365	1364	1367	1373
30	1191	1198	1202	1204	1207	1212	1219	1230	1248	1267	1281	1286	1286	1285	1282	1280	1279	1281	1286
35	1092	1103	1108	1115	1125	1134	1143	1143	1142	1151	1170	1185	1193	1195	1195	1195	1194	1195	1196
40	992	1002	1013	1027	1044	1054	1049	1044	1041	1043	1057	1080	1096	1104	1108	1109	1110	1109	1105
45	890	900	918	940	953	951	949	948	946	946	950	969	990	1002	1009	1011	1012	1011	1006
50	784	798	821	840	845	849	853	853	846	841	842	854	878	897	908	913	915	913	906
55	678	692	715	726	739	751	747	741	737	735	737	746	767	791	807	815	817	814	806
60	567	585	595	614	632	631	630	628	627	628	633	641	658	685	706	716	720	716	706
65	453	465	478	496	504	510	514	516	518	522	528	537	549	572	592	602	605	602	593
70	336	343	355	367	381	393	401	408	413	418	424	431	442	460	479	487	490	488	480
75	212	222	232	248	269	287	299	306	312	316	321	328	336	350	365	373	375	374	367
80	100	110	130	155	175	191	201	208	212	216	220	225	231	242	253	259	261	260	255
85	28.6	45.2	64.7	79.7	91.8	101	108	112	115	117	120	124	128	134	141	145	146	146	143
90	12.9	12.4	12.4	14.0	14.7	15.5	16.1	17.0	17.9	19.1	21.0	22.6	24.4	26.4	28.5	30.5	31.4	31.6	31.0
95	41.3	54.1	67.2	85.7	111	125	134	141	147	153	158	162	165	167	173	176	177	178	179
100	107	119	132	174	219	241	257	270	280	290	297	303	308	312	318	321	323	324	324
105	242	266	279	303	341	366	387	403	416	428	437	445	452	457	464	467	469	470	470
110	443	451	461	473	490	506	525	542	556	569	580	589	596	603	609	613	616	617	616
115	605	620	631	645	652	664	677	690	703	714	725	734	742	749	755	759	762	763	762
120	772	792	797	808	823	828	836	846	856	866	875	884	891	897	902	905	908	909	909
125	937	948	967	969	980	995	1002	1007	1015	1023	1030	1038	1045	1051	1055	1059	1061	1063	1063
130	1102	1106	1122	1136	1138	1147	1160	1173	1178	1183	1188	1194	1200	1205	1209	1213	1215	1217	1218
135	1265	1263	1272	1289	1301	1303	1309	1319	1330	1342	1349	1352	1356	1360	1364	1367	1369	1371	1372
140	1418	1419	1420	1431	1447	1460	1462	1466	1472	1479	1487	1495	1503	1510	1516	1520	1523	1524	1524
145	1563	1569	1566	1570	1578	1592	1607	1614	1615	1618	1622	1626	1631	1636	1639	1643	1645	1646	1646
150	1697	1702	1705	1703	1706	1712	1721	1733	1746	1753	1756	1757	1759	1761	1763	1765	1767	1768	1769
155	1815	1821	1826	1828	1826	1826	1830	1835	1842	1849	1857	1865	1872	1877	1880	1882	1883	1884	1884
160	1917	1922	1926	1931	1935	1932	1931	1932	1934	1936	1940	1943	1947	1950	1953	1955	1956	1957	1957
165	1997	2002	2006	2010	2013	2016	2022	2021	2019	2019	2019	2019	2020	2021	2022	2023	2024	2025	2026
170	2057	2059	2063	2066	2068	2071	2073	2075	2077	2079	2081	2083	2086	2087	2089	2090	2091	2092	2092
175	2095	2096	2097	2098	2099	2100	2102	2103	2105	2106	2106	2107	2108	2109	2109	2110	2110	2110	2110
180	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: wt
Test Date: 2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 6.400m [K=1.5625]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LIGHTING	TYPE: FL-LUM-01-WE-SP	WEIGHT:
SPEC.: 4000K CRI80	DIM.:	SERIAL No.:
MFR.: Ofinto	SUR.: 583*304+660*118*2	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	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691	1691				
5	1690	1689	1688	1687	1686	1685	1683	1680	1678	1676	1674	1673	1671	1670	1669				
10	1653	1651	1649	1646	1643	1640	1637	1634	1631	1627	1624	1619	1614	1611	1609				
15	1560	1561	1562	1562	1562	1561	1560	1557	1550	1543	1537	1531	1526	1520	1516				
20	1468	1470	1472	1470	1467	1463	1457	1452	1448	1445	1436	1428	1422	1416	1411				
25	1380	1386	1388	1385	1379	1370	1360	1351	1343	1337	1334	1329	1321	1315	1309				
30	1291	1295	1297	1296	1292	1284	1271	1258	1248	1240	1235	1233	1226	1217	1210				
35	1197	1196	1192	1187	1183	1180	1179	1174	1162	1151	1142	1136	1134	1120	1110				
40	1101	1094	1087	1080	1077	1076	1077	1078	1078	1068	1054	1042	1034	1023	1008				
45	999	989	981	978	981	983	983	982	980	979	968	949	934	925	905				
50	896	883	873	870	874	884	895	891	885	878	874	856	834	820	803				
55	793	777	766	762	764	770	777	787	792	779	767	756	731	713	700				
60	690	672	659	653	653	655	660	666	672	678	662	642	626	604	595				
65	579	563	552	545	542	542	545	549	551	551	549	532	510	494	487				
70	467	454	444	439	435	434	434	436	435	429	420	412	396	382	372				
75	357	346	339	334	331	329	329	328	324	313	298	283	275	263	254				
80	247	240	234	230	227	225	224	222	217	206	190	168	149	142	142				
85	138	134	130	128	125	123	122	119	115	107	96.9	82.9	64.2	45.4	40.3				
90	29.7	28.3	26.8	25.2	23.3	21.3	19.7	17.7	15.7	13.8	12.6	11.9	11.6	11.6	12.3				
95	176	172	168	166	162	158	152	147	141	134	125	111	80.7	62.0	59.6				
100	322	317	313	308	303	296	288	280	271	258	244	225	198	201	192				
105	468	463	458	453	446	437	428	419	407	393	381	373	370	363	358				
110	614	609	604	598	591	582	573	563	554	545	539	539	531	525	521				
115	760	756	752	746	739	732	724	717	711	707	707	700	691	684	688				
120	908	906	903	899	894	888	882	878	876	877	865	856	854	844	846				
125	1063	1061	1058	1055	1052	1048	1045	1045	1043	1030	1021	1020	1008	1006	1003				
130	1217	1216	1215	1213	1213	1212	1213	1201	1192	1185	1184	1174	1166	1169	1161				
135	1373	1373	1373	1374	1371	1362	1355	1348	1343	1343	1336	1324	1322	1329	1315				
140	1522	1519	1515	1510	1506	1501	1498	1497	1497	1488	1476	1471	1475	1474	1464				
145	1646	1645	1643	1642	1641	1641	1642	1638	1626	1618	1613	1614	1621	1611	1604				
150	1770	1771	1772	1773	1772	1768	1759	1751	1745	1742	1743	1749	1745	1738	1732				
155	1884	1882	1878	1873	1868	1863	1859	1857	1857	1859	1863	1863	1855	1849	1845				
160	1957	1956	1955	1954	1953	1953	1953	1955	1958	1963	1959	1953	1949	1944	1941				
165	2027	2027	2029	2030	2032	2034	2038	2040	2036	2032	2028	2025	2022	2019	2017				
170	2092	2091	2090	2089	2088	2086	2085	2084	2082	2080	2078	2076	2074	2072	2071				
175	2110	2110	2110	2110	2110	2109	2108	2107	2106	2105	2105	2104	2103	2103	2102				
180	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110	2110				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: wt
Test Date: 2023-08-23

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 6.400m [K=1.5625]
Remarks: