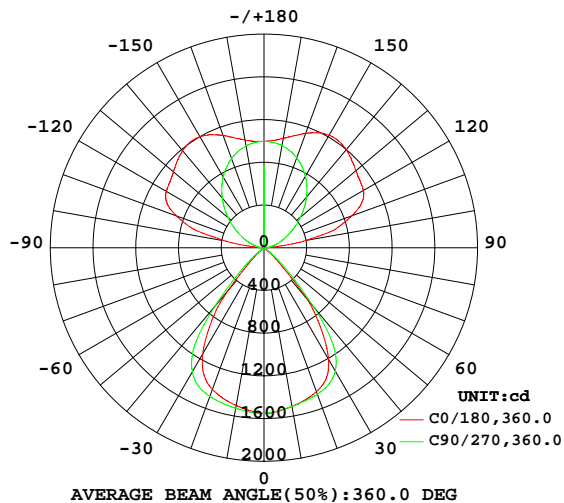


LUMINAIRE PHOTOMETRIC TEST REPORT

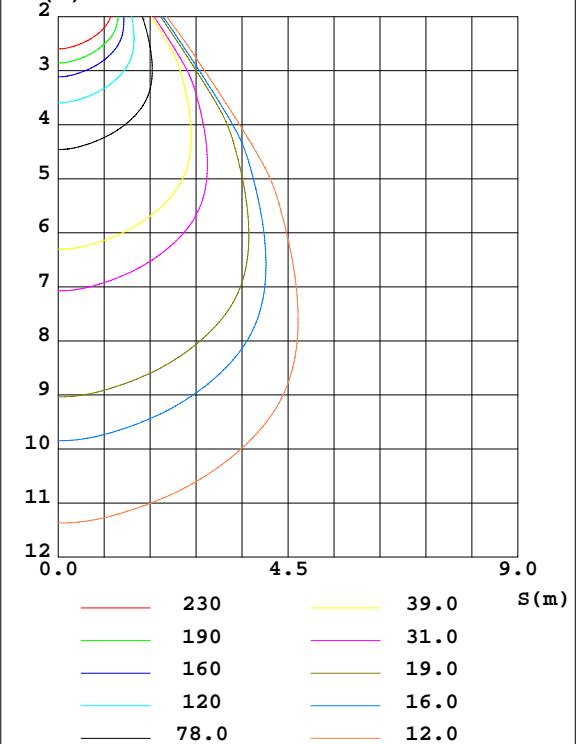
Test:U:229.68V I:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.78 lm/W			
MODEL		I _{max} (cd)	1552	S/MH(C0/180)	1.07
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	6471.3	η UP,DN(C0-180)	32.6,17.6
NOMINAL FLUX(lm)	6471.32	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	32.2,17.6
LAMPS INSIDE	1	η up(%)	64.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	35.2	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:
Test Date:2025-08-20

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:

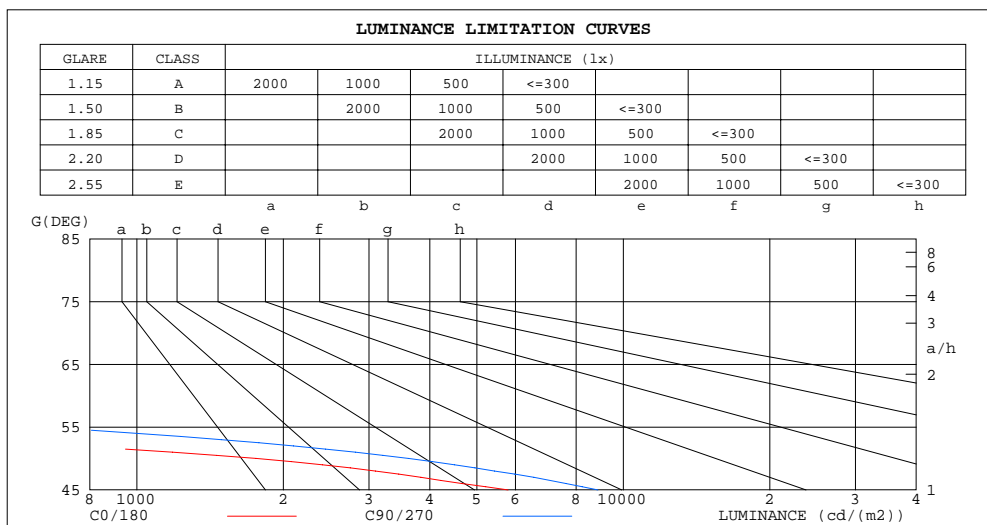
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1508	1496	1506	1492	1501	1505	1526	1512	0- 10	145.5	145.5	2.25,2.25
20	1435	1427	1460	1425	1412	1440	1481	1455	10- 20	416.7	562.2	8.69,8.69
30	1208	1377	1335	1355	1146	1367	1341	1399	20- 30	641.4	1204	18.6,18.6
40	635.2	986.7	724.9	897.8	522.1	929.9	711.0	956.4	30- 40	690.3	1894	29.3,29.3
50	60.71	307.2	124.8	270.4	42.21	261.9	114.5	289.2	40- 50	333.5	2227	34.4,34.4
60	0.6589	26.76	0.6676	19.49	0.5406	20.35	0.6817	22.44	50- 60	48.11	2276	35.2,35.2
70	0.3610	0.2492	0.2322	0.2493	0.3984	0.3815	0.2116	0.2589	60- 70	1.462	2277	35.2,35.2
80	0.2405	0.1460	0.1289	0.5273	1.491	0.3179	0.1976	0.2234	70- 80	0.3015	2277	35.2,35.2
90	0.8247	0.5498	7.772	2.887	2.156	1.521	0.4296	1.143	80- 90	0.9130	2278	35.2,35.2
100	397.6	480.8	64.03	464.2	362.1	467.3	61.84	467.6	90-100	148.7	2427	37.5,37.5
110	874.1	702.0	155.8	667.6	871.9	656.6	152.6	667.3	100-110	493.3	2920	45.1,45.1
120	1075	857.3	284.5	830.7	1056	820.8	280.2	828.7	110-120	662.2	3582	55.4,55.4
130	1124	986.8	445.8	958.1	1108	954.5	438.0	962.9	120-130	713.8	4296	66.4,66.4
140	1200	1050	620.2	1018	1187	1017	608.4	1029	130-140	703.9	5000	77.3,77.3
150	1219	1054	775.5	1022	1200	1021	765.4	1037	140-150	620.6	5621	86.9,86.9
160	1139	1032	896.9	1006	1119	1005	889.2	1023	150-160	469.5	6090	94.1,94.1
170	1040	1010	972.2	996.2	1024	995.0	968.6	1007	160-170	285.8	6376	98.5,98.5
180	996.3	996.3	996.3	996.3	996.3	996.3	996.3	996.3	170-180	95.38	6471	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:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	68	24
80	26	14
75	20	13
70	20	13
65	21	13
60	25	25
55	195	637
50	1759	3616
45	5798	8867

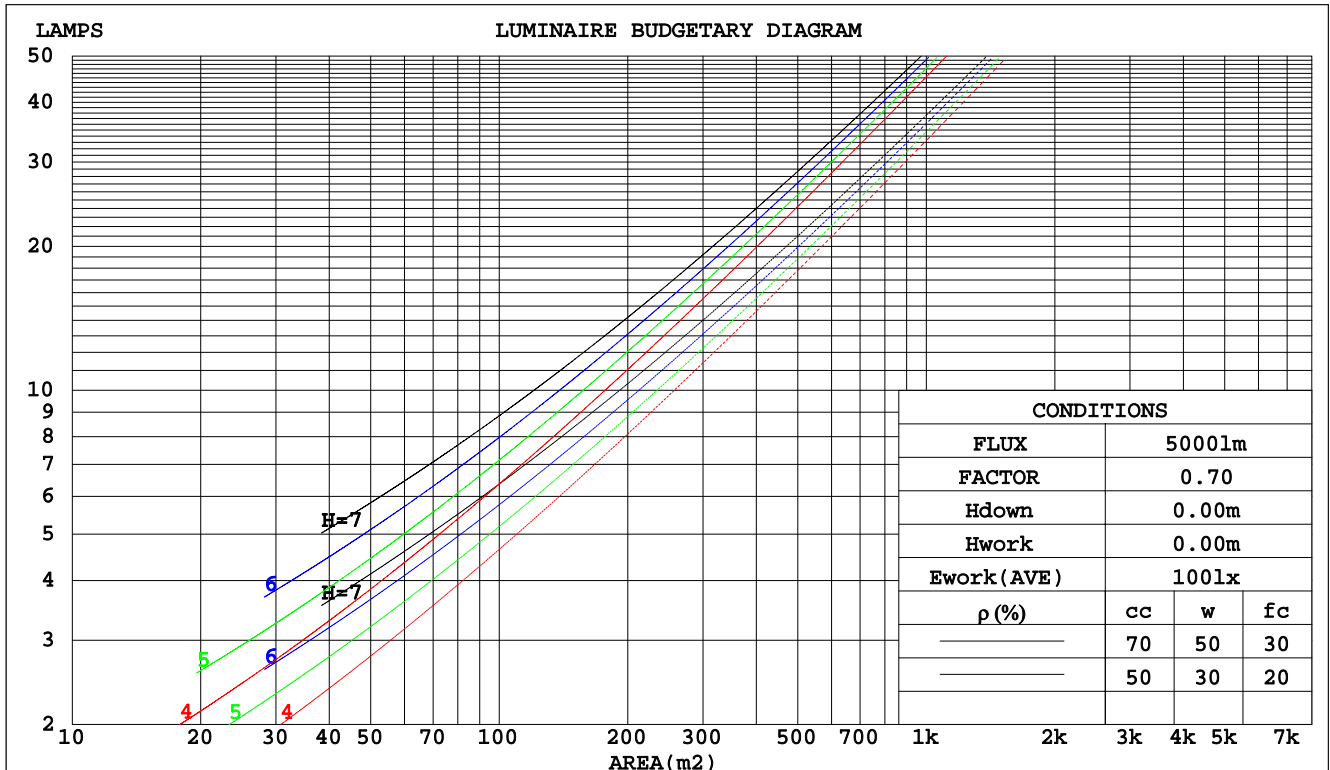
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	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	.92	.89	.86	.84	.81	.79	.68	.66	.64	.53	.52	.51	.40	.39	.39	.32
2.0	.82	.77	.73	.75	.71	.67	.61	.58	.56	.49	.47	.45	.37	.36	.35	.30
3.0	.74	.67	.62	.67	.62	.58	.55	.52	.49	.44	.42	.40	.34	.33	.31	.27
4.0	.66	.59	.54	.61	.55	.50	.50	.46	.43	.41	.38	.36	.31	.30	.28	.25
5.0	.60	.53	.47	.55	.49	.44	.46	.41	.38	.37	.34	.32	.29	.27	.26	.22
6.0	.54	.47	.42	.50	.44	.39	.42	.37	.34	.34	.31	.29	.27	.25	.24	.21
7.0	.49	.42	.37	.45	.39	.35	.38	.34	.30	.31	.28	.26	.25	.23	.21	.19
8.0	.45	.38	.33	.42	.36	.31	.35	.31	.27	.29	.26	.23	.23	.21	.20	.17
9.0	.41	.35	.30	.38	.32	.28	.32	.28	.25	.27	.24	.21	.22	.20	.18	.16
10.0	.38	.31	.27	.35	.29	.26	.30	.26	.23	.25	.22	.20	.20	.18	.17	.15



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 1285*48*76			SERIAL No.:		
MFR.:			SUR.:1.28*0.042			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	.236	.134	.042	.209	.119	.038	.160	.092	.029	.114	.066	.021	.072	.042	.013	
2.0	.220	.121	.037	.196	.108	.033	.151	.084	.026	.109	.061	.019	.071	.040	.013	
3.0	.206	.110	.033	.184	.098	.030	.143	.077	.023	.104	.057	.018	.069	.038	.012	
4.0	.193	.100	.029	.173	.090	.027	.135	.071	.021	.099	.053	.016	.067	.036	.011	
5.0	.181	.092	.027	.162	.083	.024	.127	.066	.019	.095	.050	.015	.064	.034	.010	
6.0	.170	.085	.024	.153	.077	.022	.120	.062	.018	.090	.047	.014	.062	.032	.010	
7.0	.160	.079	.022	.144	.072	.020	.114	.058	.017	.086	.044	.013	.059	.031	.009	
8.0	.151	.074	.021	.136	.067	.019	.108	.054	.015	.082	.041	.012	.057	.029	.008	
9.0	.143	.069	.019	.129	.063	.018	.103	.051	.014	.078	.039	.011	.055	.028	.008	
10.0	.135	.065	.018	.122	.059	.017	.098	.048	.013	.074	.037	.011	.052	.026	.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	.684	.684	.684	.585	.585	.585	.399	.399	.399	.229	.229	.229	.073	.073	.073	
1.0	.673	.655	.638	.576	.562	.549	.394	.386	.380	.227	.224	.221	.073	.072	.071	
2.0	.664	.633	.608	.569	.545	.525	.390	.377	.366	.225	.219	.215	.072	.071	.070	
3.0	.656	.618	.587	.562	.533	.509	.386	.370	.357	.223	.216	.210	.072	.070	.069	
4.0	.649	.606	.573	.557	.523	.498	.383	.365	.350	.222	.214	.207	.071	.070	.068	
5.0	.643	.596	.562	.552	.516	.489	.380	.360	.345	.220	.212	.205	.071	.069	.068	
6.0	.637	.589	.555	.547	.510	.483	.378	.357	.342	.219	.210	.203	.071	.069	.067	
7.0	.631	.583	.549	.543	.505	.478	.375	.354	.339	.218	.209	.202	.070	.068	.067	
8.0	.626	.578	.545	.539	.501	.475	.373	.352	.337	.217	.208	.201	.070	.068	.066	
9.0	.621	.574	.541	.535	.498	.472	.371	.350	.335	.216	.207	.200	.070	.068	.066	
10.0	.617	.570	.539	.532	.495	.470	.369	.348	.334	.215	.206	.199	.070	.068	.066	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.: 1285*48*76			SERIAL No.:				
MFR.:			SUR.:1.28*0.042			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	12.4	13.1	13.4	14.1	15.4	13.5	14.2	14.5	15.2	16.5
3H	12.0	12.7	13.0	13.7	15.0	13.1	13.8	14.1	14.8	16.1
4H	11.8	12.4	12.9	13.4	14.8	12.9	13.5	14.0	14.6	15.9
6H	11.7	12.2	12.7	13.2	14.6	12.8	13.3	13.8	14.3	15.7
8H	11.6	12.1	12.6	13.1	14.5	12.7	13.2	13.7	14.2	15.6
12H	11.5	12.0	12.5	13.0	14.4	12.6	13.1	13.6	14.1	15.5
4H 2H	11.9	12.5	12.9	13.5	14.8	13.0	13.6	14.0	14.6	15.9
3H	11.5	12.0	12.6	13.0	14.4	12.6	13.1	13.6	14.1	15.5
4H	11.3	11.7	12.4	12.8	14.2	12.4	12.8	13.5	13.9	15.3
6H	11.1	11.5	12.2	12.5	14.0	12.2	12.6	13.3	13.6	15.1
8H	11.0	11.3	12.1	12.4	13.9	12.1	12.4	13.2	13.5	15.0
12H	10.9	11.2	12.0	12.3	13.8	12.0	12.3	13.1	13.4	14.9
8H 4H	11.0	11.3	12.1	12.4	13.9	12.1	12.4	13.2	13.5	15.0
6H	10.8	11.1	11.9	12.2	13.7	11.9	12.2	13.0	13.3	14.7
8H	10.7	10.9	11.8	12.0	13.5	11.8	12.0	12.9	13.1	14.6
12H	10.6	10.8	11.7	11.9	13.4	11.7	11.9	12.8	13.0	14.5
12H 4H	10.9	11.2	12.0	12.3	13.8	12.0	12.3	13.1	13.4	14.9
6H	10.7	10.9	11.8	12.0	13.5	11.8	12.0	12.9	13.1	14.6
8H	10.6	10.8	11.7	11.9	13.4	11.7	11.9	12.8	13.0	14.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -30.2					+ 2.7 / -21.4				
1.5H	+ 3.7 / -14.4					+ 3.9 / - 9.6				
2.0H	+ 5.4 / -29.4					+ 5.9 / -34.2				

CIE Pub.117, 6471 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.5$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

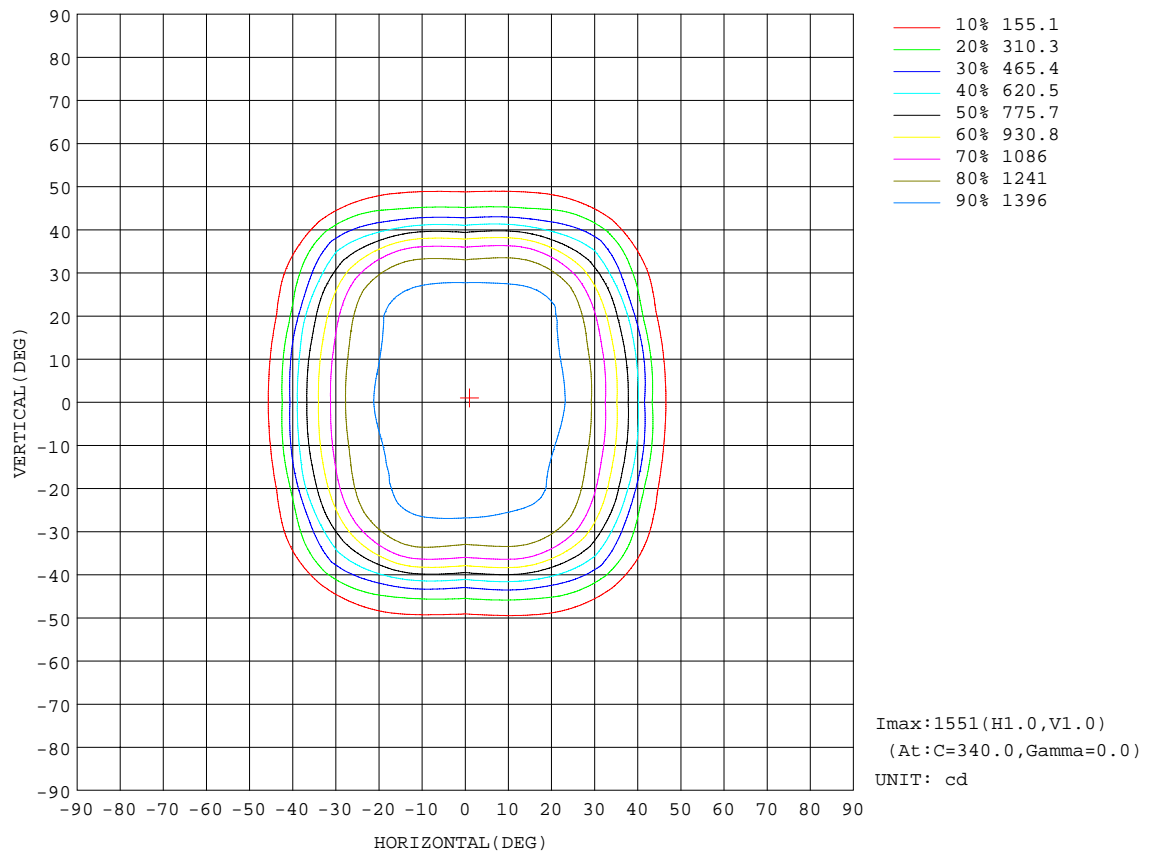
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	38	33	45	36	32	40	33	29	23
0.80	56	46	40	53	44	39	46	39	35	26
1.00	63	53	46	59	50	44	50	44	40	28
1.25	69	59	53	64	56	50	54	49	44	30
1.50	74	64	58	68	60	54	57	52	48	31
2.00	80	71	65	73	66	61	61	56	52	32
2.50	84	76	70	77	70	65	63	59	55	32
3.00	87	80	74	79	73	69	65	61	58	33
4.00	91	85	80	83	78	74	68	64	62	34
5.00	93	88	84	85	81	77	69	66	64	34
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:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:



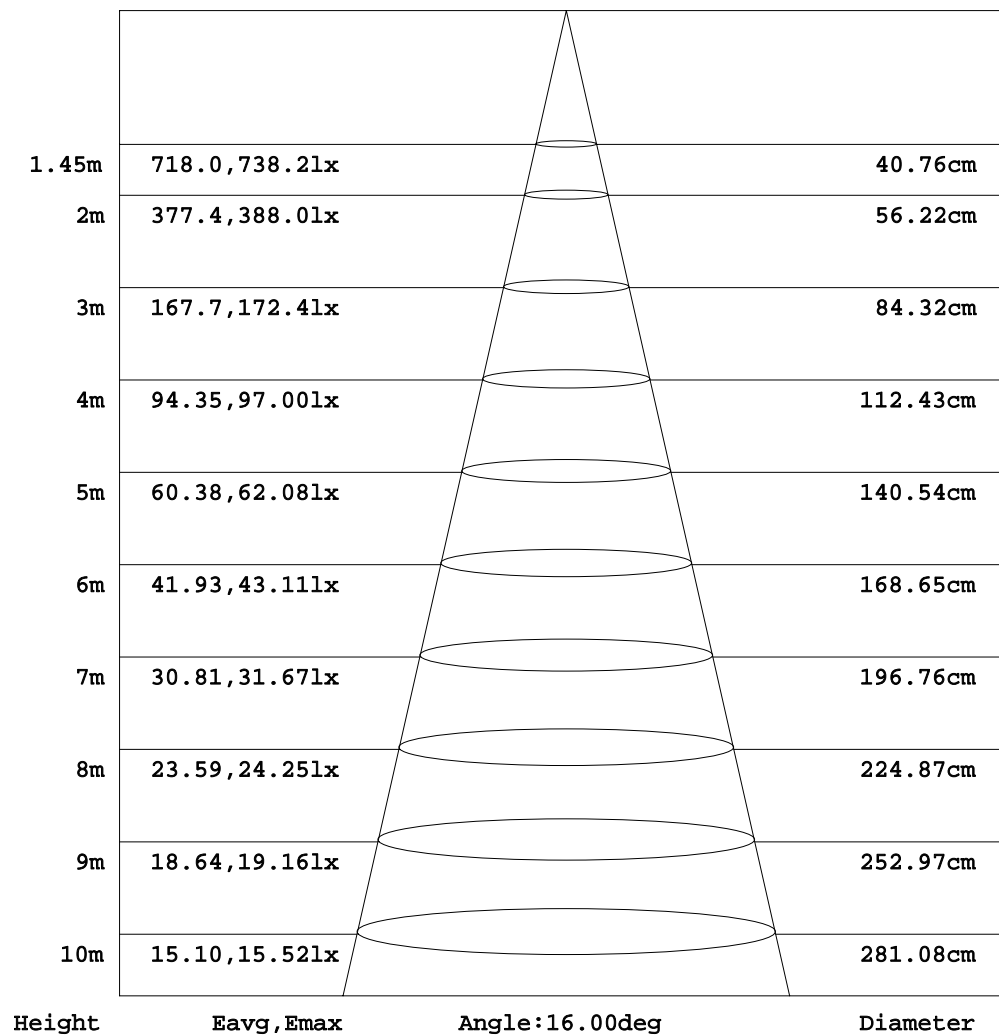
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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 Figure

Test:U:229.68V I:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

Flux out:93.67 lm



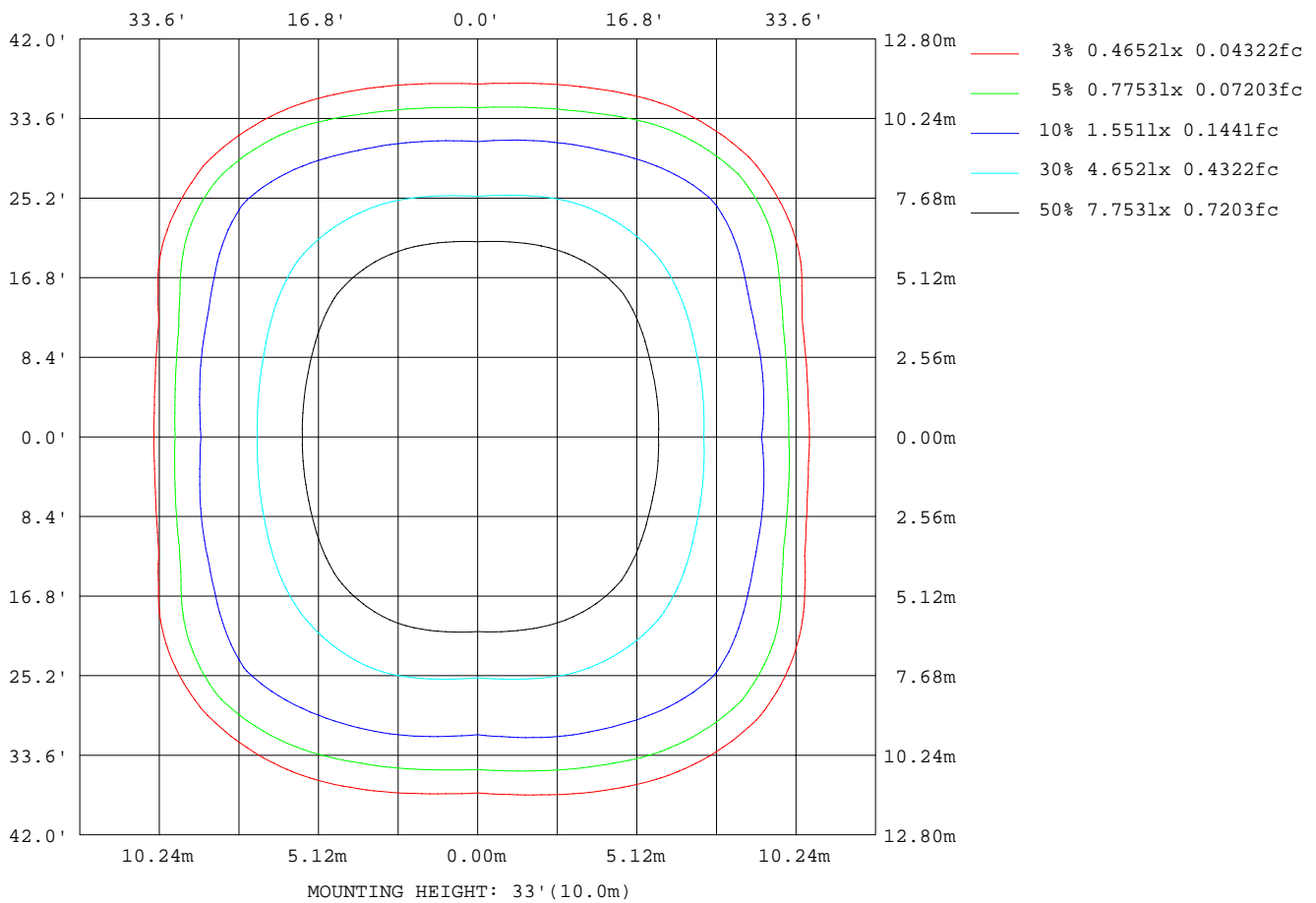
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1285*48*76	SERIAL No.:
MFR.:	SUR.:1.28*0.042	Shielding Angle:

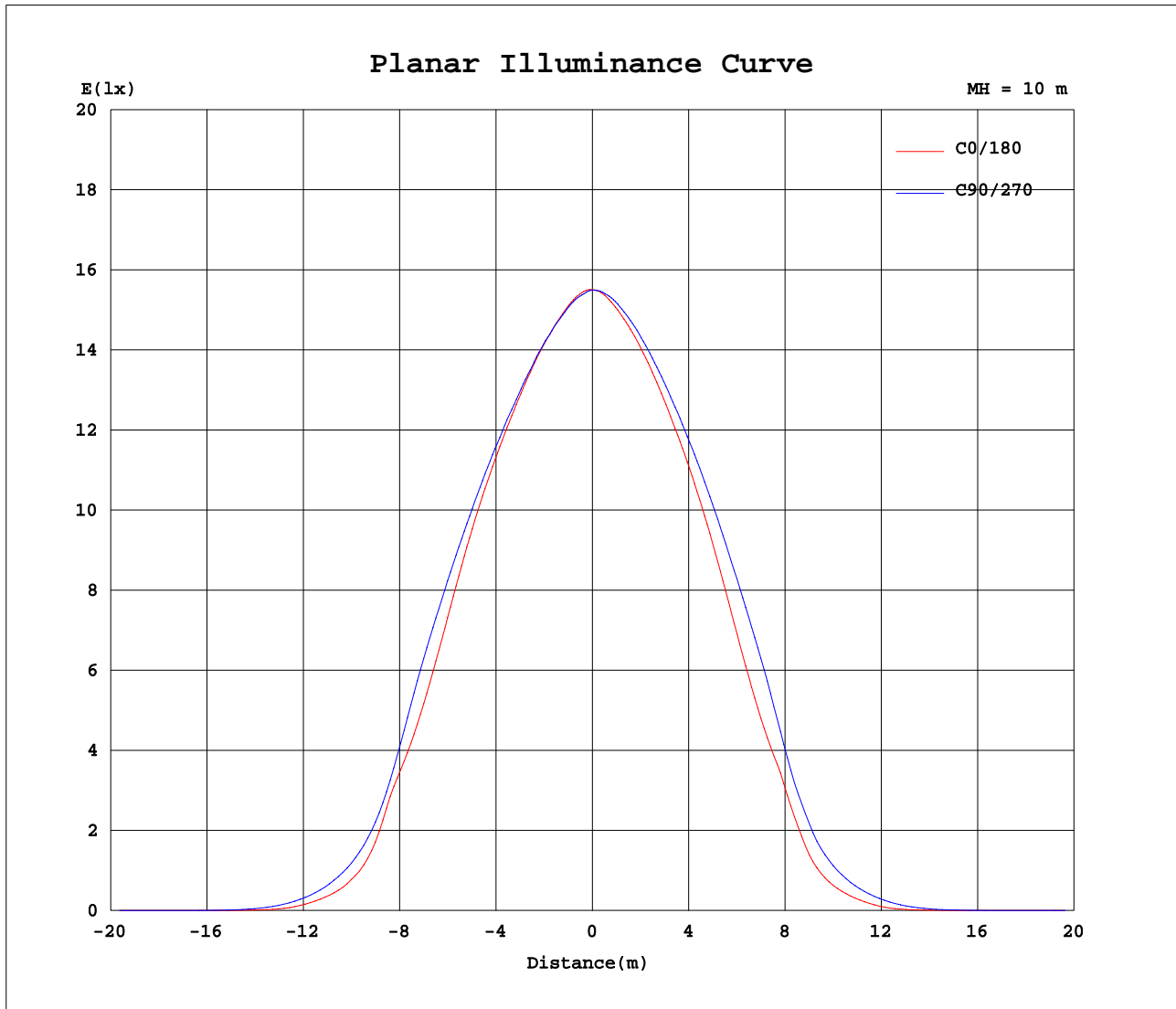
AvgL	cd/m2
L_0~180(65)av	19
L_0~180(75)av	25
L_0~180(85)av	261
L_90~270(65)av	13
L_90~270(75)av	14
L_90~270(85)av	39
L_45(65)av	64
L_45(75)av	15
L_45(85)av	209

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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: 2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1285*48*76					SERIAL No.:				
MFR.:									SUR.:1.28*0.042					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	1551	1551	1550	1550	1550	1550	1550	1550	1550	1550	1549	1549	1549	1549	1549	1549	1549	1549	1550
5	1537	1536	1536	1535	1535	1534	1533	1533	1532	1532	1532	1532	1532	1532	1532	1532	1532	1533	1532
10	1508	1507	1505	1504	1503	1501	1499	1498	1497	1496	1497	1499	1500	1502	1504	1505	1506	1506	1506
15	1477	1474	1471	1469	1467	1464	1462	1461	1459	1459	1461	1463	1466	1469	1473	1477	1480	1483	1485
20	1435	1431	1428	1426	1425	1424	1424	1424	1426	1427	1429	1432	1434	1437	1442	1447	1453	1457	1460
25	1365	1363	1363	1365	1368	1373	1381	1389	1398	1405	1408	1409	1410	1411	1412	1414	1416	1418	1420
30	1208	1216	1226	1239	1255	1277	1304	1331	1356	1377	1383	1384	1381	1375	1366	1357	1347	1340	1335
35	940	954	974	999	1029	1071	1123	1174	1222	1263	1276	1281	1277	1265	1244	1216	1187	1163	1146
40	635	650	670	697	730	776	834	891	943	987	1001	1002	992	970	928	869	811	761	725
45	220	230	249	277	315	374	450	526	593	644	636	609	570	523	475	430	390	358	337
50	60.7	62.8	71.1	85.9	107	142	189	235	276	307	299	280	253	222	194	171	150	135	125
55	6.00	3.55	4.23	8.04	15.0	28.4	47.2	66.2	83.3	96.6	93.3	85.5	74.5	61.9	49.9	39.8	30.9	24.0	19.6
60	0.66	0.00	0.00	0.00	0.55	4.74	11.0	17.3	22.8	26.8	23.6	18.8	13.1	7.29	3.39	1.75	0.83	0.51	0.67
65	0.48	0.31	0.21	0.20	0.27	0.50	0.88	1.26	1.59	1.82	1.58	1.23	0.84	0.44	0.22	0.18	0.20	0.24	0.30
70	0.36	0.33	0.30	0.28	0.26	0.26	0.25	0.25	0.25	0.25	0.23	0.21	0.19	0.17	0.17	0.18	0.20	0.22	0.23
75	0.28	0.25	0.23	0.21	0.19	0.18	0.18	0.18	0.18	0.18	0.17	0.16	0.15	0.14	0.14	0.15	0.16	0.17	0.18
80	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13
85	0.32	0.29	0.27	0.25	0.23	0.20	0.18	0.16	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.11	0.11	0.11
90	0.82	0.81	0.79	0.76	0.74	0.71	0.67	0.64	0.60	0.55	0.49	0.42	0.35	0.29	0.21	0.12	0.07	0.06	7.77
95	87.1	102	116	130	143	158	175	189	198	201	183	160	134	106	81.9	63.2	47.8	36.4	29.8
100	398	402	408	415	423	439	462	480	487	481	420	347	268	191	135	103	80.3	67.7	64.0
105	703	713	719	719	714	708	699	681	654	614	533	445	354	267	201	159	130	112	106
110	874	888	894	891	880	862	837	802	757	702	617	526	433	346	276	227	190	166	156
115	1013	1016	1012	1001	983	958	926	887	838	780	695	605	513	426	354	299	257	229	215
120	1075	1069	1059	1045	1025	1004	979	948	907	857	775	686	595	507	433	376	331	300	285
125	1097	1092	1084	1072	1057	1042	1026	1003	971	929	850	763	674	586	512	455	410	378	362
130	1124	1123	1119	1111	1099	1088	1075	1055	1026	987	912	830	744	661	590	535	492	462	446
135	1161	1163	1161	1155	1145	1132	1117	1096	1066	1027	958	881	803	727	663	613	575	548	534
140	1200	1203	1201	1194	1182	1167	1148	1122	1090	1050	988	920	852	786	730	688	655	632	620
145	1220	1223	1221	1213	1200	1182	1159	1130	1096	1057	1003	947	890	836	791	757	729	711	701
150	1219	1219	1215	1206	1193	1174	1149	1121	1089	1054	1010	966	922	880	846	819	798	783	776
155	1188	1187	1183	1174	1162	1145	1124	1099	1072	1043	1011	979	947	918	893	873	858	847	841
160	1139	1138	1134	1127	1118	1105	1090	1072	1052	1032	1010	989	968	948	932	919	908	901	897
165	1086	1085	1083	1078	1073	1065	1055	1045	1033	1021	1008	995	983	971	961	954	948	943	941
170	1040	1040	1039	1037	1035	1031	1027	1022	1016	1010	1004	998	992	987	982	979	976	974	972
175	1009	1010	1009	1009	1009	1008	1006	1005	1004	1002	1000	999	997	996	995	993	992	991	991
180	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1285*48*76					SERIAL No.:				
MFR.:									SUR.:1.28*0.042					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	1549	1549	1549	1549	1549	1549	1549	1549	1549	1550	1550	1551	1552	1552	1552	1551	1551	1551	1550
5	1532	1531	1531	1530	1530	1529	1529	1528	1528	1528	1527	1527	1527	1527	1528	1529	1530	1531	1531
10	1506	1505	1504	1502	1500	1498	1495	1493	1492	1491	1492	1493	1494	1495	1496	1498	1499	1501	1501
15	1483	1481	1478	1474	1471	1468	1465	1462	1460	1459	1458	1458	1457	1458	1459	1460	1462	1463	1463
20	1459	1456	1452	1447	1443	1438	1434	1430	1425	1421	1417	1413	1411	1409	1409	1410	1411	1412	1412
25	1421	1421	1420	1419	1417	1415	1411	1405	1398	1386	1373	1360	1347	1338	1331	1327	1325	1324	1326
30	1343	1353	1364	1375	1380	1381	1377	1368	1355	1327	1295	1262	1230	1202	1180	1163	1151	1146	1153
35	1166	1194	1223	1251	1265	1263	1252	1233	1206	1159	1108	1055	1003	959	925	899	882	873	882
40	758	806	860	913	944	948	941	924	898	858	811	761	710	659	611	570	540	522	540
45	353	380	414	453	492	529	559	576	577	524	458	384	311	256	222	197	183	178	182
50	132	145	163	183	207	231	252	266	270	240	202	159	116	84.0	65.1	51.9	44.4	42.2	44.5
55	23.1	29.0	36.8	45.6	55.4	65.1	73.2	78.6	80.3	68.1	52.9	36.2	20.0	9.42	5.26	3.32	3.14	4.24	3.01
60	0.62	0.98	1.80	3.14	5.98	10.1	14.1	17.4	19.5	16.5	12.5	7.87	3.29	0.55	0.00	0.00	0.00	0.54	0.00
65	0.25	0.21	0.19	0.20	0.33	0.55	0.79	0.99	1.14	1.01	0.83	0.62	0.41	0.29	0.28	0.31	0.35	0.39	0.38
70	0.22	0.20	0.18	0.16	0.16	0.18	0.20	0.22	0.25	0.26	0.27	0.29	0.30	0.32	0.34	0.36	0.38	0.40	0.39
75	0.18	0.17	0.16	0.16	0.16	0.16	0.17	0.18	0.20	0.22	0.24	0.26	0.29	0.31	0.34	0.37	0.39	0.41	0.43
80	0.12	0.12	0.12	0.14	0.18	0.24	0.32	0.42	0.53	0.67	0.82	0.98	1.12	1.24	1.34	1.42	1.47	1.49	1.46
85	0.07	0.04	0.06	0.14	0.38	0.78	1.20	1.63	2.03	2.22	2.35	2.43	2.46	2.44	2.37	2.29	2.20	2.12	2.16
90	0.35	0.64	0.98	1.34	1.71	2.09	2.42	2.70	2.89	2.79	2.61	2.39	2.17	2.06	2.07	2.10	2.14	2.16	2.06
95	32.5	40.1	52.1	68.0	90.8	119	146	170	189	185	174	159	140	122	104	88.6	76.2	68.4	75.3
100	63.1	71.3	89.6	119	174	251	329	403	464	469	458	438	412	392	381	372	366	362	364
105	107	120	145	182	243	326	413	500	580	626	661	686	702	709	709	704	696	688	694
110	160	177	208	252	318	402	492	582	668	727	778	819	850	870	878	880	878	872	877
115	222	243	278	327	396	482	573	664	750	809	858	899	932	958	979	994	1002	1004	1002
120	293	316	354	406	477	565	656	747	831	880	919	950	974	998	1021	1038	1050	1056	1050
125	371	395	433	485	556	643	734	822	903	946	978	1001	1017	1034	1051	1064	1072	1076	1072
130	454	476	513	562	629	712	798	882	958	999	1030	1052	1068	1081	1093	1102	1106	1108	1106
135	540	560	592	635	696	770	849	926	997	1039	1072	1097	1115	1129	1140	1146	1149	1149	1149
140	625	641	668	705	756	820	887	954	1018	1060	1096	1125	1148	1165	1177	1184	1187	1187	1187
145	704	717	738	768	809	860	915	970	1024	1065	1102	1134	1160	1181	1194	1203	1208	1208	1207
150	778	787	803	826	857	895	936	979	1022	1058	1092	1122	1148	1168	1183	1193	1199	1200	1199
155	842	848	859	874	896	922	952	982	1013	1042	1070	1095	1118	1136	1150	1161	1167	1170	1167
160	897	900	907	917	930	947	966	986	1006	1026	1045	1063	1080	1093	1104	1112	1117	1119	1117
165	941	942	946	951	958	967	977	988	999	1011	1022	1032	1042	1050	1057	1062	1065	1066	1065
170	972	972	973	975	978	982	986	991	996	1001	1005	1010	1014	1017	1020	1022	1024	1024	1024
175	991	991	991	991	992	992	993	994	994	995	996	997	998	999	1000	1001	1001	1001	1001
180	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1285*48*76					SERIAL No.:				
MFR.:									SUR.:1.28*0.042					Shielding Angle:				

Table--3

UNIT: cd

C(DEC) γ (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1550	1550	1550	1550	1550	1550	1550	1550	1549	1549	1549	1549	1549	1549	1549	1549	1550	1549	1549
5	1532	1532	1532	1533	1534	1535	1536	1537	1537	1538	1538	1539	1540	1541	1542	1543	1543	1543	1543
10	1501	1501	1501	1502	1502	1503	1504	1505	1507	1509	1511	1513	1516	1519	1522	1524	1526	1525	1524
15	1463	1463	1463	1464	1466	1467	1470	1472	1475	1478	1481	1485	1490	1495	1499	1503	1506	1504	1501
20	1413	1413	1415	1418	1423	1428	1434	1440	1445	1450	1454	1459	1464	1470	1475	1479	1481	1479	1475
25	1330	1336	1344	1355	1369	1384	1398	1411	1418	1424	1428	1430	1433	1435	1437	1438	1438	1438	1437
30	1166	1184	1208	1237	1272	1306	1339	1367	1378	1384	1386	1383	1376	1366	1356	1347	1341	1348	1358
35	900	927	962	1008	1064	1121	1175	1221	1241	1251	1253	1247	1231	1207	1182	1160	1145	1163	1188
40	571	613	662	719	778	836	888	930	943	943	933	913	876	827	779	738	711	744	790
45	196	220	255	315	395	475	546	601	586	552	506	455	410	376	348	328	318	331	353
50	52.2	65.3	83.8	115	156	197	234	262	254	237	214	187	164	146	131	120	114	121	133
55	3.09	4.97	9.16	20.2	37.3	54.6	70.3	82.3	78.0	69.6	58.6	46.4	36.1	28.7	22.8	18.7	16.8	19.8	25.0
60	0.00	0.00	0.46	3.36	8.20	13.1	17.3	20.3	17.8	14.0	9.49	4.91	1.96	0.87	0.37	0.35	0.68	0.50	0.67
65	0.37	0.38	0.40	0.52	0.72	0.92	1.09	1.20	1.07	0.88	0.67	0.45	0.32	0.27	0.26	0.26	0.28	0.25	0.24
70	0.39	0.38	0.37	0.36	0.37	0.38	0.38	0.38	0.36	0.34	0.31	0.29	0.26	0.24	0.23	0.22	0.21	0.23	0.24
75	0.44	0.45	0.45	0.42	0.38	0.33	0.28	0.24	0.23	0.23	0.23	0.24	0.24	0.23	0.22	0.21	0.20	0.21	0.22
80	1.41	1.32	1.21	1.05	0.86	0.66	0.48	0.32	0.26	0.24	0.23	0.24	0.24	0.22	0.21	0.20	0.20	0.20	0.21
85	2.20	2.23	2.24	2.18	2.05	1.88	1.69	1.46	1.18	0.89	0.61	0.37	0.23	0.19	0.19	0.22	0.26	0.26	0.26
90	1.96	1.84	1.72	1.65	1.63	1.61	1.57	1.52	1.36	1.17	0.98	0.80	0.66	0.56	0.49	0.45	0.43	0.43	0.46
95	86.7	101	118	136	153	168	179	183	167	146	121	95.2	73.1	56.2	42.6	33.0	28.0	32.1	41.1
100	368	376	386	406	434	456	469	467	408	335	257	181	125	94.5	74.1	63.5	61.8	62.9	73.0
105	700	703	702	694	678	653	619	574	497	414	330	251	190	151	124	108	103	107	122
110	879	876	867	845	811	768	717	657	575	489	403	323	259	214	181	160	153	159	179
115	994	979	958	929	893	850	798	738	655	568	482	400	332	283	245	221	211	220	244
120	1038	1020	997	972	946	912	871	821	739	652	564	479	409	357	317	291	280	291	316
125	1063	1049	1032	1014	996	972	939	896	817	730	642	557	486	434	394	368	356	368	394
130	1101	1092	1079	1065	1049	1027	996	954	879	797	713	631	563	513	474	449	438	450	476
135	1146	1139	1128	1114	1095	1070	1037	995	925	849	771	697	636	590	555	532	523	534	558
140	1183	1176	1164	1147	1124	1095	1060	1017	954	888	821	757	704	665	635	616	608	618	639
145	1203	1193	1179	1159	1133	1101	1065	1024	971	915	860	809	767	735	711	697	691	699	716
150	1193	1183	1168	1147	1121	1091	1057	1021	978	935	893	854	822	798	780	769	765	772	786
155	1161	1150	1136	1118	1095	1069	1042	1013	982	951	922	894	872	855	842	834	832	837	847
160	1112	1104	1093	1079	1063	1044	1025	1005	984	964	945	928	914	903	895	890	889	893	901
165	1061	1056	1050	1042	1032	1021	1010	999	987	976	965	956	948	942	938	935	935	937	941
170	1023	1021	1018	1014	1010	1005	1000	995	990	985	981	977	973	971	969	968	969	970	973
175	1001	1000	999	999	998	997	996	995	994	993	992	991	990	990	990	990	990	991	992
180	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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:0.2126A P:47.659W PF:0.9762 Freq:49.99Hz Lamp Flux:6471.32x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1285*48*76						SERIAL No.:		
MFR.:									SUR.:1.28*0.042						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	1549	1549	1549	1549	1549	1549	1549	1550	1550	1551	1552	1552	1552	1552	1551				
5	1543	1542	1542	1542	1541	1541	1540	1539	1538	1537	1536	1536	1536	1536	1536				
10	1522	1519	1517	1516	1514	1513	1512	1511	1510	1510	1509	1509	1509	1508	1508				
15	1497	1493	1490	1487	1485	1482	1481	1480	1479	1479	1478	1478	1478	1478	1477				
20	1471	1466	1462	1460	1459	1457	1455	1451	1447	1443	1440	1437	1435	1435	1434				
25	1436	1434	1434	1434	1434	1432	1429	1420	1410	1398	1387	1379	1373	1369	1366				
30	1369	1381	1391	1399	1404	1404	1399	1376	1349	1319	1289	1264	1246	1230	1218				
35	1216	1244	1266	1279	1284	1282	1269	1227	1178	1124	1071	1028	997	972	953				
40	843	897	937	957	968	968	956	916	866	813	759	717	687	664	646				
45	383	419	465	518	564	599	616	566	501	426	351	295	261	237	224				
50	149	169	195	227	256	278	289	260	220	176	131	98.4	79.4	66.8	60.6				
55	31.8	40.0	50.7	63.1	74.0	82.3	86.3	74.4	58.8	41.5	24.2	12.2	6.19	3.18	3.11				
60	1.34	2.62	5.85	10.8	15.6	19.7	22.4	19.2	14.6	9.34	4.10	0.60	0.00	0.00	0.00				
65	0.26	0.32	0.52	0.84	1.17	1.45	1.65	1.48	1.22	0.92	0.62	0.42	0.35	0.34	0.38				
70	0.27	0.28	0.29	0.28	0.27	0.26	0.26	0.28	0.31	0.35	0.37	0.39	0.40	0.39	0.38				
75	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.27	0.28	0.30	0.30	0.30	0.30	0.29				
80	0.22	0.23	0.24	0.23	0.23	0.22	0.22	0.24	0.27	0.29	0.30	0.31	0.31	0.29	0.27				
85	0.26	0.26	0.26	0.27	0.28	0.29	0.30	0.33	0.35	0.38	0.40	0.40	0.40	0.38	0.35				
90	0.51	0.57	0.66	0.78	0.90	1.03	1.14	1.24	1.31	1.36	1.38	1.35	1.28	1.17	1.01				
95	54.4	71.7	95.9	125	154	180	200	199	191	178	162	147	133	119	103				
100	92.9	124	178	254	332	406	468	476	471	456	436	421	414	408	402				
105	148	187	249	331	418	503	582	625	658	681	696	707	715	716	712				
110	211	256	321	405	494	583	667	726	776	816	847	870	884	890	886				
115	280	330	399	483	573	663	749	809	861	905	940	969	991	1006	1013				
120	356	408	479	565	656	745	829	881	925	960	988	1013	1036	1053	1066				
125	434	487	559	646	736	824	905	950	984	1009	1028	1046	1064	1079	1090				
130	516	567	635	718	804	887	963	1005	1037	1060	1077	1092	1105	1115	1121				
135	595	642	705	780	858	935	1005	1047	1080	1105	1123	1138	1151	1159	1162				
140	671	712	766	831	899	966	1029	1072	1107	1136	1158	1176	1190	1198	1202				
145	742	776	820	873	929	985	1039	1080	1116	1147	1172	1193	1207	1217	1221				
150	807	834	867	908	950	994	1037	1074	1107	1137	1163	1184	1200	1211	1217				
155	862	882	906	935	966	998	1029	1059	1087	1113	1136	1154	1168	1178	1185				
160	911	924	941	960	980	1002	1023	1043	1063	1081	1097	1111	1121	1130	1136				
165	948	955	965	976	989	1002	1015	1027	1039	1051	1061	1070	1076	1081	1084				
170	976	980	985	990	996	1002	1007	1013	1019	1024	1028	1032	1035	1037	1039				
175	993	994	995	996	998	999	1000	1002	1004	1005	1007	1008	1009	1009	1009				
180	996	996	996	996	996	996	996	996	996	996	996	996	996	996	996				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-20

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: