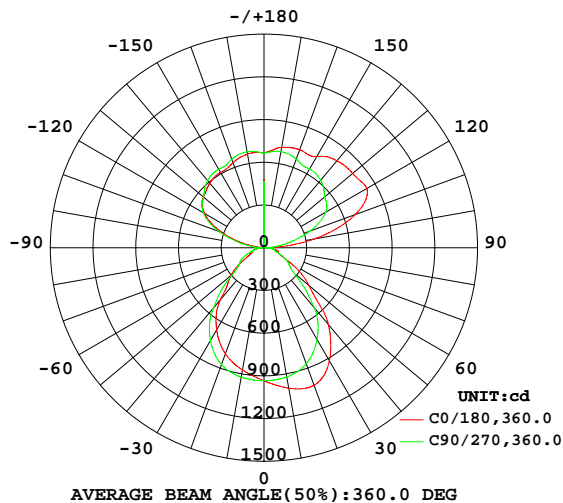


LUMINAIRE PHOTOMETRIC TEST REPORT

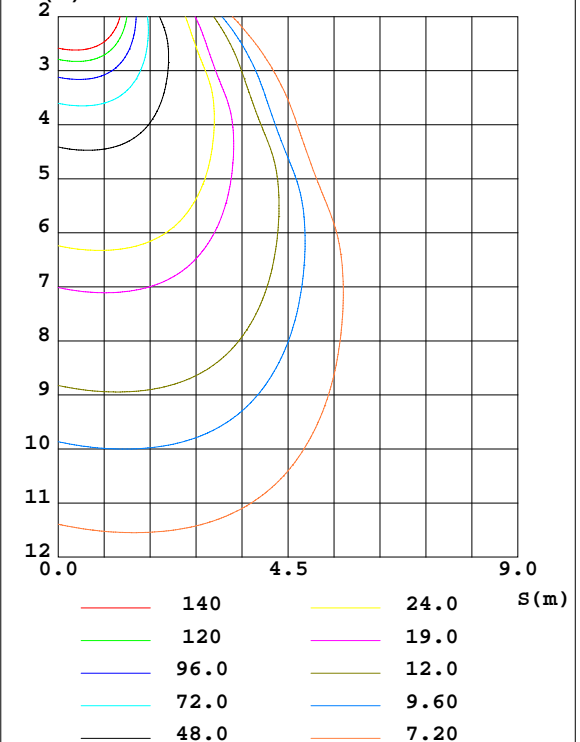
Test:U:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.14 lm/W			
MODEL		I _{max} (cd)	1031	S/MH(C0/180)	1.09
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	4808.4	η UP,DN(C0-180)	29.9,20.4
NOMINAL FLUX(lm)	4808.36	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	29.3,20.4
LAMPS INSIDE	1	η up(%)	59.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	40.8	CIBSE SHR MAX	1.25

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:2026-01-17

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:

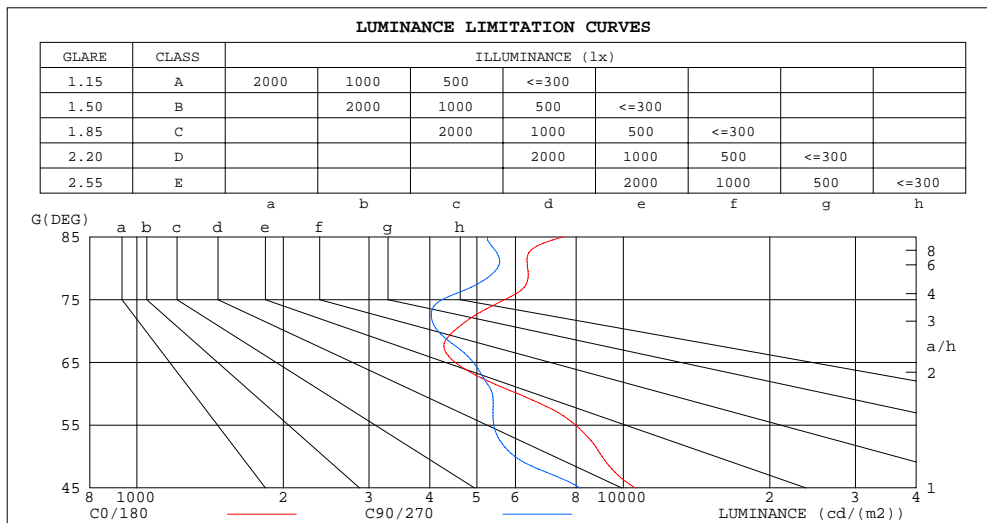
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1001	957.4	921.3	888.3	871.7	889.2	922.7	958.4	0- 10	88.72	88.72	1.85,1.85
20	1027	936.7	867.4	815.2	793.0	818.9	873.3	941.1	10- 20	256.9	345.7	7.19,7.19
30	918.7	820.3	745.3	689.1	665.4	693.3	752.1	825.4	20- 30	381.7	727.4	15.1,15.1
40	703.7	616.2	549.4	499.6	478.3	500.9	551.5	617.7	30- 40	419.4	1147	23.9,23.9
50	411.4	320.7	272.3	279.9	302.6	286.8	283.3	328.9	40- 50	328.8	1476	30.7,30.7
60	214.7	204.4	190.3	166.7	151.2	167.8	192.1	205.7	50- 60	216.8	1692	35.2,35.2
70	108.6	104.5	100.6	95.28	93.29	102.3	111.9	113.0	60- 70	139.2	1832	38.1,38.1
80	78.13	73.02	67.67	60.77	56.28	59.17	65.12	71.10	70- 80	89.70	1921	40,40
90	15.35	10.03	5.962	2.759	1.607	4.418	8.617	12.02	80- 90	40.00	1961	40.8,40.8
100	357.7	230.6	145.2	106.6	99.83	104.6	142.0	228.1	90-100	83.19	2045	42.5,42.5
110	680.5	473.1	342.5	304.4	311.7	300.8	336.7	468.8	100-110	301.5	2346	48.8,48.8
120	833.2	627.9	500.8	469.8	481.6	464.7	492.7	621.7	110-120	481.9	2828	58.8,58.8
130	813.3	653.9	557.9	540.9	555.5	538.0	553.3	650.5	120-130	525.1	3353	69.7,69.7
140	797.6	690.1	620.2	593.8	592.6	591.7	616.8	687.7	130-140	484.9	3838	79.8,79.8
150	740.1	680.3	638.9	617.1	611.1	615.8	636.8	678.8	140-150	410.0	4248	88.3,88.3
160	733.3	692.9	663.3	643.9	636.5	643.3	662.3	692.2	150-160	302.3	4550	94.6,94.6
170	715.5	698.9	685.5	673.9	668.2	673.4	684.6	698.2	160-170	193.0	4743	98.6,98.6
180	666.1	666.1	666.1	666.1	666.1	666.1	666.1	666.1	170-180	65.09	4808	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:2026-01-17

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

LUMINANCE LIMITATION CURVES

Test:U:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7519	5255
80	6359	5507
75	5705	4238
70	4487	4157
65	4511	4915
60	6069	5379
55	7980	5418
50	9045	5986
45	10582	8151

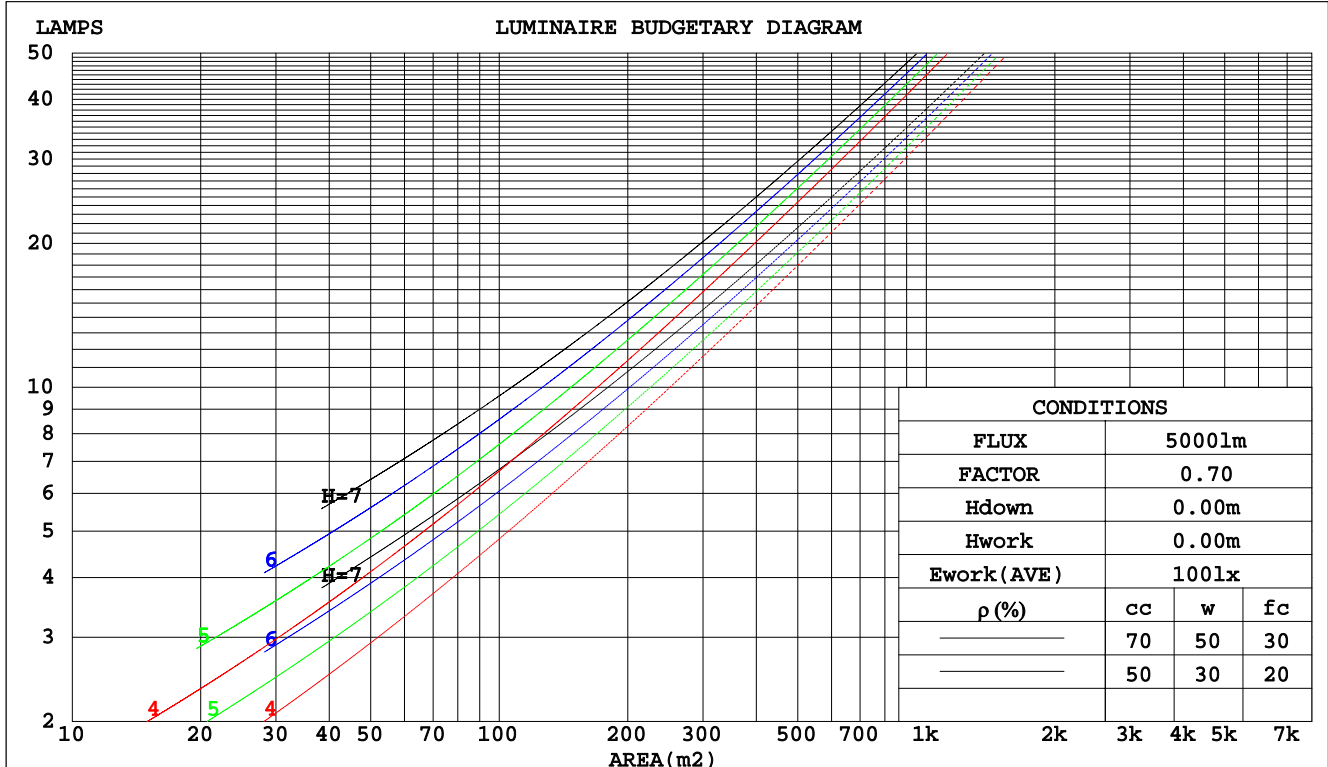
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	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	.78	.78	.78	.62	.62	.62	.48	.48	.48	.41
1.0	.92	.88	.85	.84	.81	.78	.69	.67	.65	.55	.54	.53	.43	.42	.41	.35
2.0	.81	.75	.70	.74	.69	.65	.61	.58	.55	.49	.47	.45	.38	.37	.35	.30
3.0	.72	.65	.59	.66	.60	.55	.55	.50	.47	.44	.41	.39	.34	.33	.31	.26
4.0	.64	.56	.51	.59	.52	.47	.49	.44	.40	.40	.36	.34	.31	.29	.27	.23
5.0	.57	.49	.44	.53	.46	.41	.44	.39	.35	.36	.32	.30	.28	.26	.24	.21
6.0	.51	.44	.38	.47	.41	.36	.40	.35	.31	.33	.29	.26	.26	.23	.21	.18
7.0	.47	.39	.34	.43	.36	.32	.36	.31	.27	.30	.26	.23	.24	.21	.19	.17
8.0	.42	.35	.30	.39	.33	.28	.33	.28	.24	.27	.24	.21	.22	.19	.17	.15
9.0	.39	.32	.27	.36	.30	.25	.30	.25	.22	.25	.22	.19	.20	.18	.16	.14
10.0	.36	.29	.24	.33	.27	.23	.28	.23	.20	.23	.20	.17	.19	.16	.15	.13



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 600*203*10			SERIAL No.:		
MFR.:			SUR.:0.58*0.122			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	.265	.150	.048	.240	.137	.043	.193	.111	.035	.150	.087	.028	.111	.064	.021	
2.0	.245	.134	.041	.222	.123	.038	.180	.100	.031	.141	.079	.025	.105	.059	.019	
3.0	.227	.121	.036	.206	.110	.033	.167	.091	.028	.132	.072	.022	.098	.054	.017	
4.0	.211	.109	.032	.192	.100	.030	.156	.083	.025	.123	.066	.020	.092	.050	.015	
5.0	.196	.100	.029	.179	.092	.027	.146	.076	.022	.115	.061	.018	.086	.046	.014	
6.0	.183	.092	.026	.167	.084	.024	.136	.070	.020	.108	.056	.016	.081	.043	.013	
7.0	.171	.085	.024	.156	.078	.022	.128	.065	.019	.102	.052	.015	.077	.040	.012	
8.0	.161	.079	.022	.147	.072	.020	.121	.060	.017	.096	.049	.014	.072	.037	.011	
9.0	.151	.073	.020	.138	.067	.019	.114	.056	.016	.091	.045	.013	.069	.035	.010	
10.0	.143	.068	.019	.131	.063	.018	.108	.053	.015	.086	.043	.012	.065	.033	.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	.642	.642	.642	.548	.548	.548	.374	.374	.374	.215	.215	.215	.069	.069	.069	
1.0	.632	.611	.593	.541	.525	.510	.370	.361	.353	.213	.209	.205	.068	.067	.066	
2.0	.624	.590	.562	.534	.508	.485	.366	.351	.339	.211	.204	.198	.068	.066	.065	
3.0	.617	.574	.541	.529	.495	.469	.363	.344	.329	.210	.201	.194	.067	.065	.063	
4.0	.610	.563	.526	.523	.486	.457	.360	.339	.322	.208	.198	.191	.067	.065	.063	
5.0	.603	.553	.516	.518	.479	.449	.357	.334	.317	.207	.196	.188	.067	.064	.062	
6.0	.597	.546	.509	.513	.473	.443	.354	.331	.314	.205	.195	.186	.066	.064	.062	
7.0	.592	.540	.504	.509	.468	.439	.352	.328	.311	.204	.193	.185	.066	.063	.061	
8.0	.586	.535	.499	.505	.464	.435	.349	.326	.309	.203	.192	.184	.066	.063	.061	
9.0	.581	.530	.496	.501	.460	.433	.347	.324	.307	.202	.191	.183	.065	.063	.061	
10.0	.576	.527	.494	.497	.457	.431	.345	.322	.306	.201	.190	.183	.065	.062	.061	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 600*203*10			SERIAL No.:			
MFR.:					SUR.:0.58*0.122			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	15.2	16.1	16.2	17.0	18.2	14.3	15.1	15.2	16.0	17.3
	3H	15.8	16.5	16.7	17.5	18.7	15.0	15.8	16.0	16.7	18.0
	4H	16.2	16.9	17.2	17.9	19.2	15.4	16.1	16.4	17.0	18.3
	6H	16.9	17.5	17.9	18.5	19.8	15.9	16.6	16.9	17.6	18.9
	8H	17.1	17.7	18.1	18.7	20.0	16.2	16.8	17.2	17.8	19.1
	12H	17.3	17.9	18.3	18.9	20.2	16.3	16.9	17.3	17.9	19.2
4H	2H	15.2	15.9	16.2	16.9	18.2	14.5	15.1	15.4	16.1	17.4
	3H	16.0	16.6	17.0	17.6	18.9	15.4	16.0	16.4	17.0	18.3
	4H	16.6	17.1	17.7	18.2	19.5	15.9	16.4	16.9	17.4	18.8
	6H	17.5	17.9	18.5	18.9	20.3	16.7	17.1	17.7	18.1	19.5
	8H	17.8	18.2	18.8	19.2	20.6	17.0	17.4	18.0	18.4	19.8
	12H	18.1	18.5	19.1	19.5	20.9	17.2	17.6	18.3	18.6	20.0
8H	4H	16.7	17.2	17.8	18.2	19.6	16.1	16.5	17.1	17.5	18.9
	6H	17.8	18.1	18.9	19.2	20.6	17.1	17.4	18.2	18.5	19.9
	8H	18.2	18.5	19.3	19.6	21.0	17.5	17.8	18.6	18.9	20.3
	12H	18.6	18.9	19.7	20.0	21.4	17.8	18.1	18.9	19.2	20.6
12H	4H	16.7	17.1	17.8	18.2	19.6	16.1	16.5	17.2	17.5	18.9
	6H	17.8	18.1	18.9	19.2	20.6	17.2	17.5	18.3	18.5	20.0
	8H	18.3	18.6	19.4	19.7	21.1	17.7	17.9	18.8	19.0	20.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.4					
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.4					
2.0H	+ 0.6 / - 0.5					+ 0.4 / - 0.3					

CIE Pub.117, 4808 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 5.5$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:

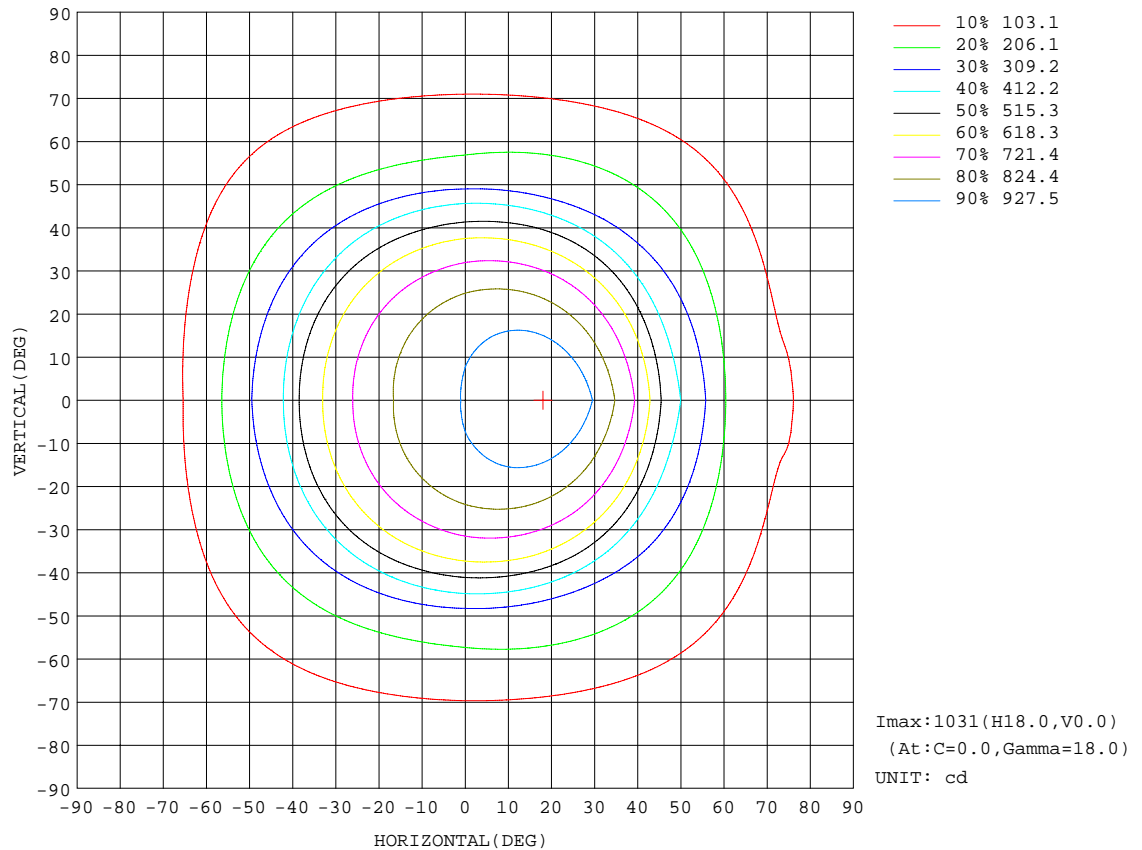
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

```

ISOCANDELA DIAGRAM

Test:U:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:



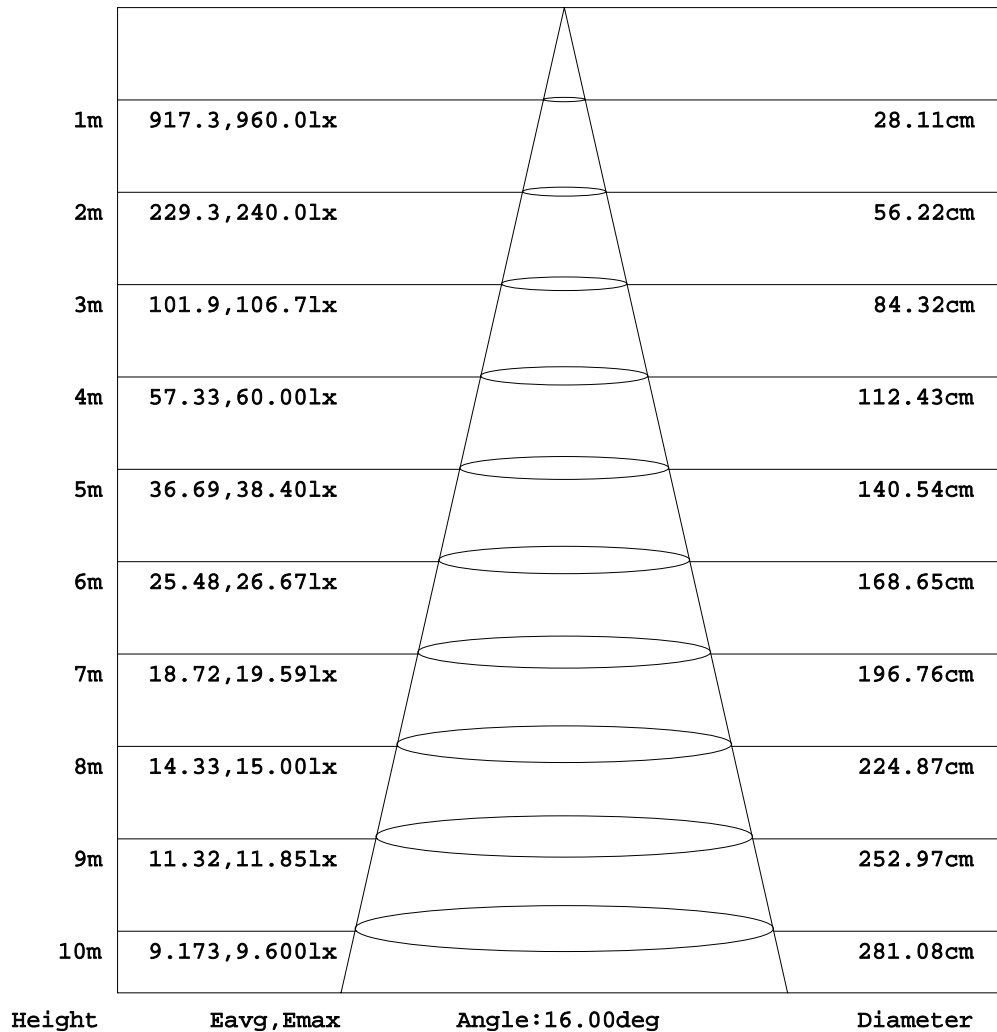
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:

Flux out:56.92 lm



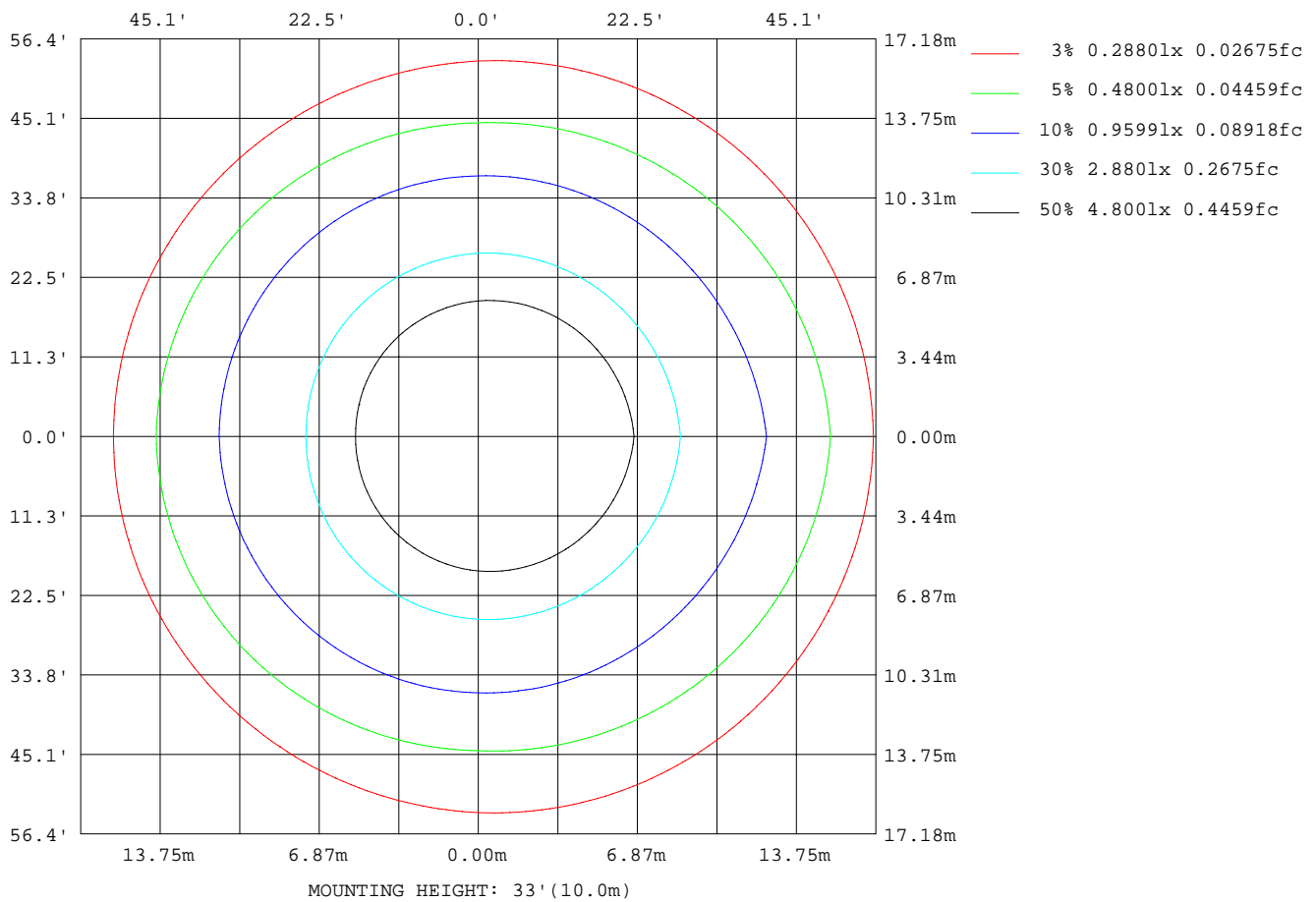
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:

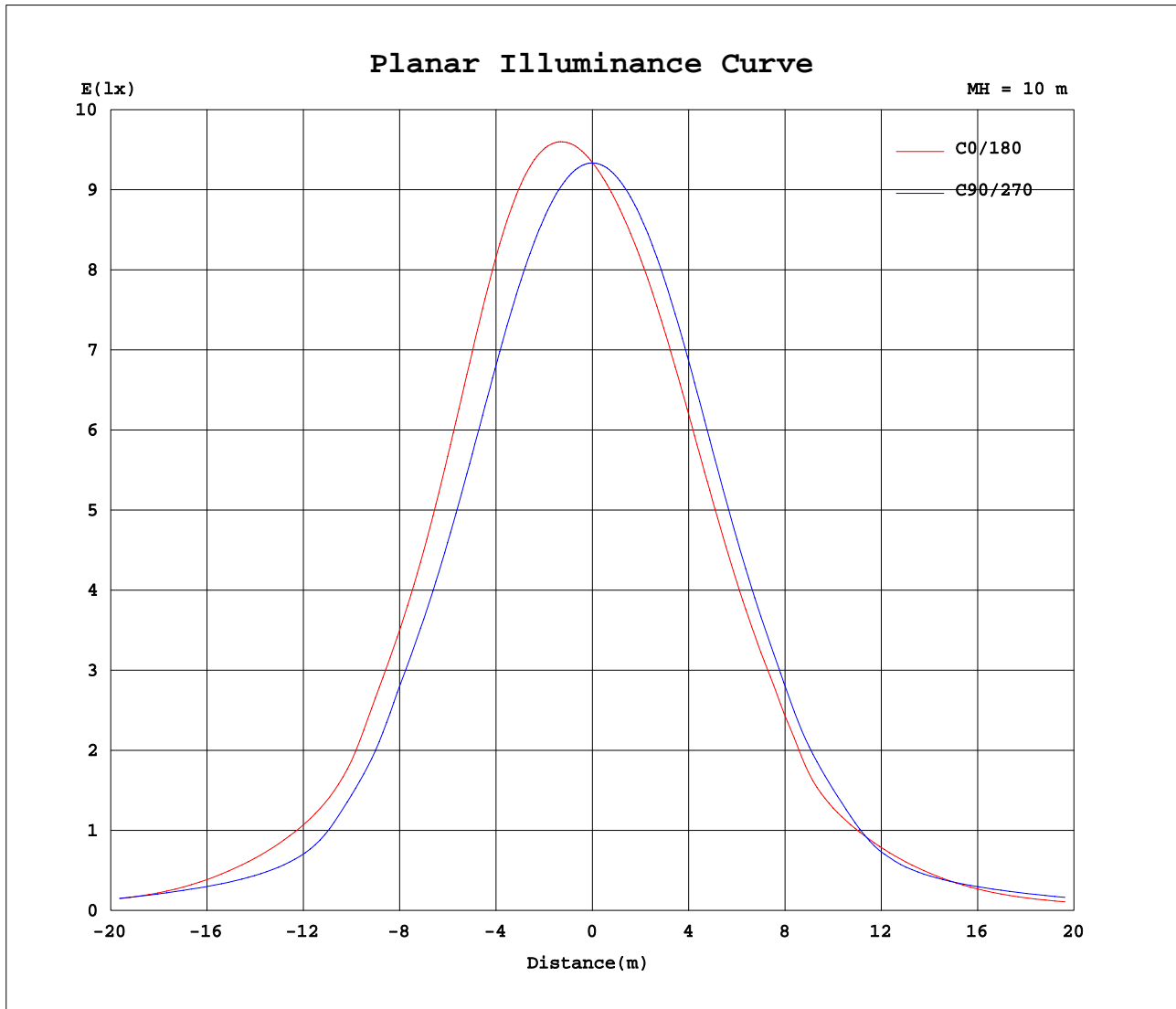
AvgL	cd/m2
L_0~180(65)av	4008
L_0~180(75)av	5191
L_0~180(85)av	6311
L_90~270(65)av	5130
L_90~270(75)av	4220
L_90~270(85)av	5706
L_45(65)av	4678
L_45(75)av	4552
L_45(85)av	5857

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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: 2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934
5	968	966	964	961	959	957	955	953	951	948	946	944	942	940	938	936	935	933	931
10	1001	996	991	986	981	976	971	966	962	957	953	949	945	940	936	933	929	925	921
15	1026	1017	1009	1001	993	985	978	970	963	956	949	943	936	930	924	918	913	907	902
20	1027	1016	1005	995	984	974	965	955	946	937	928	919	911	903	896	888	881	874	867
25	992	979	967	956	944	933	922	911	901	891	881	872	863	854	845	837	829	822	814
30	919	907	895	883	872	861	851	840	830	820	811	802	793	784	776	768	760	753	745
35	818	807	796	786	776	766	757	748	739	730	721	713	705	697	690	682	675	669	662
40	704	693	682	672	662	653	643	634	625	616	608	600	592	584	577	569	562	556	549
45	529	521	512	504	496	488	480	473	466	459	453	446	440	434	428	423	418	413	408
50	411	399	388	376	366	356	346	337	329	321	313	306	300	294	289	284	279	276	272
55	324	315	307	299	291	284	277	270	264	258	252	247	242	237	233	229	226	223	220
60	215	214	213	212	211	209	208	207	206	204	203	202	200	199	197	195	194	192	190
65	135	137	139	141	142	144	145	146	147	148	148	149	149	149	149	149	148	148	147
70	109	108	108	107	107	106	106	105	105	105	104	104	103	103	102	102	101	101	101
75	104	102	99.8	97.6	95.5	93.5	91.7	89.9	88.2	86.7	85.3	83.9	82.7	81.6	80.6	79.7	78.9	78.2	77.6
80	78.1	77.6	77.0	76.5	75.9	75.3	74.7	74.2	73.6	73.0	72.4	71.8	71.3	70.7	70.1	69.5	68.9	68.3	67.7
85	46.4	45.3	44.2	43.1	42.1	41.2	40.3	39.4	38.6	37.8	37.0	36.3	35.6	35.0	34.4	33.8	33.3	32.8	32.4
90	15.4	14.7	14.1	13.4	12.8	12.2	11.7	11.1	10.6	10.0	9.51	9.02	8.53	8.07	7.61	7.18	6.76	6.35	5.96
95	165	159	152	146	139	133	127	121	115	110	104	98.8	93.5	88.3	83.2	78.3	73.5	68.9	64.3
100	358	342	326	311	296	282	268	255	243	231	219	208	197	187	178	169	161	153	145
105	534	510	488	466	445	425	405	387	369	352	336	321	307	293	281	269	258	247	238
110	681	654	628	603	579	556	534	513	492	473	455	437	421	406	391	378	365	353	343
115	786	758	731	705	680	656	633	611	589	569	550	532	515	499	484	470	457	445	434
120	833	806	781	756	732	709	688	667	647	628	610	593	577	562	548	534	522	511	501
125	823	800	778	756	736	716	697	679	662	645	630	615	602	589	577	566	556	546	538
130	813	792	772	753	735	717	700	684	669	654	640	627	615	603	593	583	574	565	558
135	809	792	775	759	744	729	715	702	689	676	665	653	643	633	624	615	607	599	593
140	798	784	770	758	745	733	722	711	700	690	681	671	663	654	647	639	632	626	620
145	780	769	758	748	738	728	719	710	702	693	686	678	671	664	658	652	646	641	636
150	740	733	725	718	711	705	698	692	686	680	675	670	664	660	655	651	647	643	639
155	725	719	712	706	700	695	689	684	679	674	670	665	661	657	653	649	646	642	639
160	733	728	723	719	714	710	705	701	697	693	689	685	682	678	675	672	669	666	663
165	728	725	722	719	715	712	710	707	704	701	699	696	694	691	689	687	685	682	680
170	715	713	712	710	708	706	704	702	701	699	697	696	694	693	691	690	688	687	685
175	689	688	688	687	686	686	685	684	684	683	682	682	681	681	680	680	679	679	678
180	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	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	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934
5	929	926	924	922	920	918	916	914	912	911	909	908	906	905	904	903	903	902	903
10	917	913	909	905	902	898	895	891	888	886	883	881	878	877	875	874	872	872	873
15	896	890	885	880	875	870	866	861	858	854	851	848	845	843	841	839	838	837	838
20	860	854	847	841	835	830	825	820	815	811	807	804	801	799	797	795	794	793	794
25	807	800	793	786	780	774	768	763	758	754	750	746	743	741	739	737	736	735	736
30	738	731	724	717	711	705	699	694	689	685	681	677	674	671	669	667	666	665	667
35	655	648	642	636	630	624	619	614	609	605	601	598	595	592	590	588	587	586	588
40	543	536	530	524	519	513	509	504	500	496	492	489	486	484	482	480	479	478	479
45	403	398	394	390	386	382	379	376	373	371	369	367	365	364	363	362	362	362	364
50	272	271	271	272	273	274	276	278	280	282	285	287	290	292	295	298	300	303	301
55	219	218	217	217	217	217	218	218	219	220	221	222	224	225	226	228	229	230	229
60	188	185	182	180	177	174	172	169	167	164	162	160	158	156	155	153	152	151	152
65	145	142	140	137	134	131	129	126	123	121	118	116	113	111	109	108	106	105	107
70	99.9	99.3	98.7	98.0	97.4	96.8	96.3	95.8	95.3	94.8	94.4	94.1	93.8	93.6	93.4	93.3	93.2	93.3	94.1
75	77.6	77.7	77.9	78.2	78.6	79.0	79.4	79.9	80.5	81.1	81.7	82.3	82.9	83.5	84.1	84.6	85.2	85.7	85.1
80	66.9	66.1	65.3	64.5	63.7	62.9	62.2	61.5	60.8	60.1	59.5	58.9	58.3	57.8	57.3	56.9	56.6	56.3	56.4
85	32.1	31.8	31.5	31.3	31.1	30.9	30.8	30.7	30.7	30.6	30.6	30.7	30.7	30.8	31.0	31.1	31.3	31.5	31.7
90	5.53	5.11	4.72	4.34	3.98	3.64	3.32	3.03	2.76	2.52	2.30	2.11	1.95	1.82	1.71	1.65	1.61	1.61	1.81
95	59.2	54.2	49.4	44.7	40.2	35.9	31.8	27.9	24.3	20.9	17.8	14.9	12.3	10.1	8.12	6.49	5.21	4.27	5.12
100	139	133	128	123	119	115	112	109	107	104	103	101	100	99.5	99.2	99.1	99.3	99.8	99.1
105	231	225	220	216	212	209	206	204	203	202	201	201	202	202	203	205	206	208	206
110	335	329	323	318	314	311	308	306	304	304	303	303	304	305	306	308	310	312	309
115	426	420	414	410	406	403	400	398	397	397	397	397	398	399	401	403	405	407	404
120	494	488	484	479	476	474	472	470	470	470	470	471	472	473	475	477	479	482	479
125	533	528	525	522	520	518	517	517	517	518	519	520	522	524	526	528	530	533	530
130	553	550	547	544	543	541	541	541	541	541	542	544	545	547	549	551	553	555	553
135	588	584	580	577	574	572	571	569	568	568	568	568	568	569	570	571	572	573	572
140	616	611	608	605	602	599	597	595	594	593	592	591	591	591	591	591	592	593	592
145	632	628	625	621	619	616	614	612	611	609	608	607	607	606	606	606	606	607	606
150	636	633	630	627	625	622	620	619	617	616	614	613	613	612	612	611	611	611	611
155	636	634	631	629	627	625	623	622	620	619	618	617	616	616	615	615	615	615	615
160	661	658	656	653	651	649	647	645	644	642	641	640	639	638	638	637	637	636	637
165	678	676	674	672	670	669	667	665	664	662	661	660	659	658	658	657	656	656	656
170	684	683	681	680	678	677	676	675	674	673	672	671	670	670	669	669	668	668	668
175	678	677	677	676	676	675	675	674	674	674	673	673	673	673	672	672	672	672	672
180	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 600*203*10	SERIAL No.:
MFR.:	SUR.:0.58*0.122	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	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934
5	903	904	905	907	908	909	911	912	914	916	918	920	922	924	926	929	931	933	935
10	874	875	877	879	881	884	886	889	892	896	899	903	906	910	914	918	923	926	930
15	840	842	844	846	849	852	856	860	864	868	873	878	883	888	893	899	905	910	916
20	796	798	800	803	807	810	814	819	824	829	834	840	846	853	859	866	873	880	887
25	738	740	743	746	750	754	758	763	768	774	780	786	793	800	807	814	822	829	837
30	668	671	673	676	680	684	689	693	699	704	710	716	723	730	737	744	752	759	767
35	589	591	594	597	600	604	608	613	618	623	629	634	641	647	654	661	668	674	681
40	480	482	484	487	490	493	497	501	505	510	515	520	526	532	538	545	551	558	564
45	365	367	370	373	375	379	382	386	390	394	398	403	408	413	418	423	428	433	438
50	299	297	296	294	292	290	288	287	285	284	283	282	282	282	282	282	283	287	290
55	227	226	224	223	221	220	219	217	216	216	215	215	214	215	215	216	217	220	223
60	154	155	157	159	161	163	165	168	170	173	176	178	181	184	187	189	192	194	196
65	109	112	115	118	121	124	128	131	135	138	142	145	148	151	154	157	160	161	161
70	95.0	95.9	96.9	97.9	99.0	100	101	102	103	105	106	107	108	109	110	111	112	112	113
75	84.5	83.9	83.3	82.7	82.0	81.3	80.7	80.1	79.5	79.0	78.4	78.0	77.6	77.3	77.1	77.0	77.0	77.5	78.2
80	56.6	56.8	57.1	57.4	57.8	58.2	58.7	59.2	59.7	60.3	60.9	61.6	62.2	62.9	63.6	64.4	65.1	65.7	66.4
85	31.9	32.2	32.5	32.8	33.1	33.4	33.8	34.1	34.5	34.9	35.3	35.7	36.2	36.6	37.1	37.5	38.0	38.4	38.8
90	2.04	2.30	2.59	2.91	3.26	3.62	4.01	4.42	4.84	5.28	5.74	6.20	6.67	7.15	7.64	8.13	8.62	9.00	9.38
95	6.33	7.87	9.75	11.9	14.4	17.2	20.3	23.6	27.2	31.0	35.0	39.2	43.7	48.3	53.1	58.1	63.2	67.7	72.4
100	98.6	98.5	98.6	99.1	99.9	101	103	105	107	110	113	117	121	125	130	136	142	149	157
105	204	202	201	200	200	200	200	201	202	204	206	209	213	217	222	228	234	244	254
110	307	305	303	302	301	300	300	301	302	304	306	309	313	318	323	329	337	347	359
115	402	399	397	395	394	393	392	393	393	395	397	399	403	407	413	419	426	437	449
120	476	473	471	469	467	466	465	465	465	466	467	469	472	476	481	486	493	503	514
125	527	525	522	520	518	517	515	514	514	514	515	516	518	521	524	528	533	542	551
130	550	548	546	544	542	540	539	538	537	537	538	539	540	543	545	549	553	561	569
135	570	569	568	567	566	566	566	566	567	568	570	571	574	577	580	584	589	596	604
140	591	590	590	590	590	590	591	592	593	595	597	599	602	605	608	612	617	623	629
145	606	606	606	606	606	607	608	609	611	612	614	617	619	622	626	629	633	638	644
150	611	611	611	612	613	613	615	616	617	619	621	623	625	628	631	634	637	641	644
155	615	615	615	616	616	617	618	619	620	622	624	625	627	630	632	634	637	640	644
160	637	637	638	639	640	641	642	643	645	646	648	650	652	655	657	660	662	665	668
165	657	657	658	659	660	661	662	663	664	666	667	669	671	673	675	677	679	681	683
170	669	669	670	670	671	672	672	673	674	675	677	678	679	680	682	683	685	686	687
175	672	672	672	673	673	673	673	674	674	674	675	675	676	676	677	677	678	678	679
180	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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:229.79V I:0.1763A P:39.366W PF:0.9716 Freq:49.99Hz Lamp Flux:4808.36x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 600*203*10						SERIAL No.:		
MFR.:									SUR.:0.58*0.122						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	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934				
5	937	939	940	942	944	947	949	951	953	955	957	959	962	964	966				
10	934	938	942	946	950	954	958	963	967	972	977	981	986	991	996				
15	921	927	933	939	946	952	959	965	972	980	987	994	1002	1010	1018				
20	894	901	909	916	924	933	941	950	959	968	977	987	997	1007	1017				
25	845	853	861	870	878	887	897	906	916	926	936	947	958	969	980				
30	774	782	790	799	807	816	825	835	844	854	864	875	885	896	907				
35	688	695	702	710	718	726	734	742	751	760	769	778	788	798	807				
40	571	578	586	593	601	609	618	626	635	644	654	663	673	683	693				
45	443	448	453	458	463	469	474	480	486	492	498	504	510	516	523				
50	294	299	304	310	316	322	329	336	344	352	361	370	380	390	400				
55	226	230	235	239	244	250	255	262	268	275	282	290	298	306	315				
60	197	199	200	202	203	204	206	207	208	209	210	211	212	213	214				
65	161	161	161	160	160	159	157	156	154	152	150	147	145	142	138				
70	113	113	113	113	113	113	113	113	112	112	112	111	111	110	109				
75	79.0	79.9	81.0	82.1	83.4	84.7	86.2	87.8	89.5	91.3	93.2	95.2	97.4	99.6	102				
80	67.0	67.6	68.3	69.0	69.7	70.4	71.1	71.8	72.6	73.3	74.1	74.9	75.7	76.5	77.3				
85	39.2	39.7	40.1	40.6	41.0	41.5	41.9	42.4	42.9	43.4	43.8	44.3	44.8	45.3	45.9				
90	9.76	10.1	10.5	10.9	11.3	11.6	12.0	12.4	12.8	13.1	13.5	13.9	14.2	14.6	15.0				
95	77.2	82.2	87.2	92.5	97.8	103	109	115	121	127	133	139	145	152	159				
100	166	175	184	195	205	216	228	240	253	267	280	295	310	325	341				
105	265	277	290	304	318	334	350	367	385	404	423	444	465	487	510				
110	372	386	400	416	433	450	469	488	509	531	553	577	601	627	653				
115	463	477	492	508	526	544	564	584	606	628	652	677	703	729	757				
120	527	540	554	570	586	603	622	641	662	683	706	729	754	779	806				
125	561	573	585	598	612	626	642	659	676	694	714	734	755	777	800				
130	578	588	599	611	623	637	651	665	681	698	715	733	752	771	792				
135	612	620	630	640	650	662	674	686	699	713	728	743	758	775	792				
140	636	643	651	660	669	678	688	698	709	720	732	744	757	770	783				
145	649	655	662	669	676	684	692	700	709	718	727	737	747	758	768				
150	649	653	658	663	668	673	679	685	691	697	704	710	718	725	732				
155	647	651	655	659	664	668	673	678	683	688	694	700	706	712	718				
160	671	674	678	681	685	688	692	696	700	705	709	714	718	723	728				
165	685	688	690	692	695	698	700	703	706	709	712	715	718	721	725				
170	689	690	692	693	695	697	698	700	702	704	705	707	709	711	713				
175	679	680	680	681	681	682	683	683	684	685	685	686	687	687	688				
180	666	666	666	666	666	666	666	666	666	666	666	666	666	666	666				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2026-01-17

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: