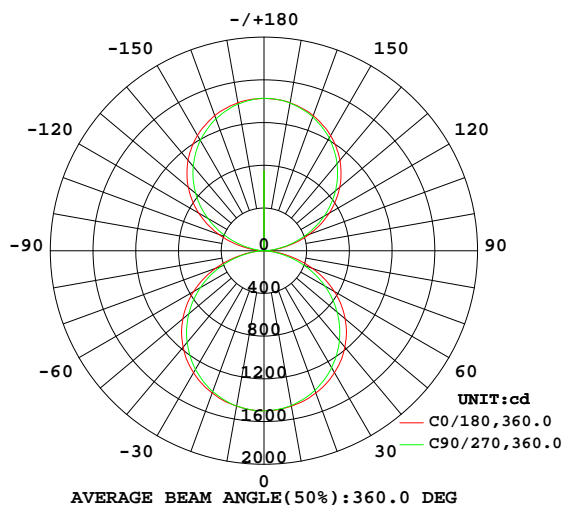


LUMINAIRE PHOTOMETRIC TEST REPORT

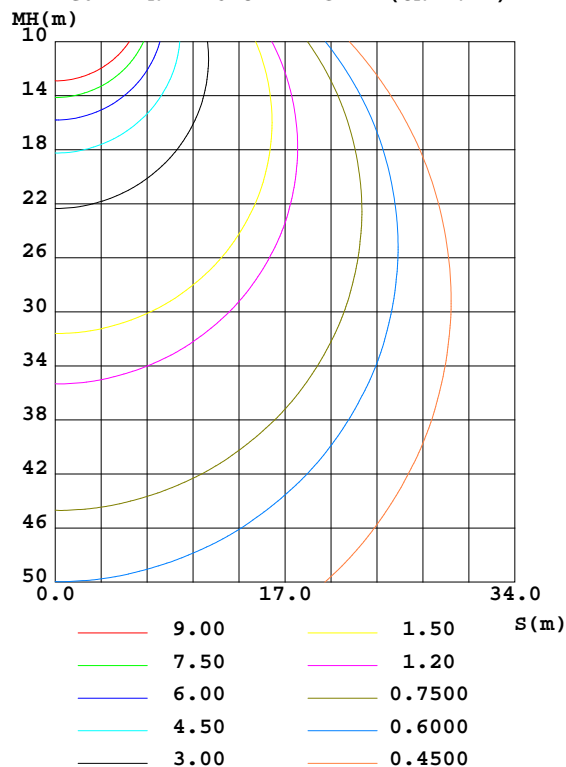
Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	MEASUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.07 lm/W			
MODEL	8FT657590W27-3545K-W	I _{max} (cd)	1500	S/MH(C0/180)	1.31
NOMINAL POWER(W)	65	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	8676.2	η UP,DN(C0-180)	24.6,25.6
NOMINAL FLUX(lm)	8676.22	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.8,26.0
LAMPS INSIDE	1	η up(%)	48.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	51.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance: 2.500m [K=4.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1478	1474	1471	1474	1478	1477	1477	1477	0- 10	142.0	142.0	1.64,1.64
20	1418	1405	1392	1405	1418	1411	1404	1411	10- 20	408.7	550.6	6.35,6.35
30	1319	1293	1266	1293	1319	1301	1283	1301	20- 30	626.0	1177	13.6,13.6
40	1178	1138	1099	1138	1178	1148	1120	1148	30- 40	766.7	1943	22.4,22.4
50	991.8	942.0	894.2	942.0	991.8	954.6	919.5	954.6	40- 50	810.8	2754	31.7,31.7
60	759.1	707.9	658.5	707.9	759.1	721.0	686.7	721.0	50- 60	747.4	3502	40.4,40.4
70	482.9	440.5	398.0	440.5	482.9	452.9	427.1	452.9	60- 70	577.9	4080	47,47
80	187.7	167.7	141.6	167.7	187.7	174.7	165.7	174.7	70- 80	324.4	4404	50.8,50.8
90	2.610	2.800	1.659	2.800	2.610	4.441	5.032	4.441	80- 90	74.65	4479	51.6,51.6
100	181.4	169.7	152.1	169.7	181.4	144.7	111.8	144.7	90-100	65.65	4544	52.4,52.4
110	450.2	427.2	404.1	427.2	450.2	397.1	360.0	397.1	100-110	299.7	4844	55.8,55.8
120	705.9	677.8	651.2	677.8	705.9	648.5	608.5	648.5	110-120	535.9	5380	62,62
130	926.5	898.7	874.5	898.7	926.5	871.8	835.6	871.8	120-130	697.2	6077	70,70
140	1108	1085	1065	1085	1108	1063	1032	1063	130-140	760.5	6838	78.8,78.8
150	1247	1232	1220	1232	1247	1214	1194	1214	140-150	722.8	7560	87.1,87.1
160	1348	1340	1335	1340	1348	1327	1317	1327	150-160	592.6	8153	94,94
170	1409	1406	1406	1406	1409	1399	1396	1399	160-170	388.1	8541	98.4,98.4
180	1427	1427	1427	1427	1427	1427	1427	1427	170-180	135.1	8676	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2349.8 lm

%lum = 27.1%

%lamp = 27.1%

Conical surface Flux(120deg): 3501.6 lm

%lum = 40.4%

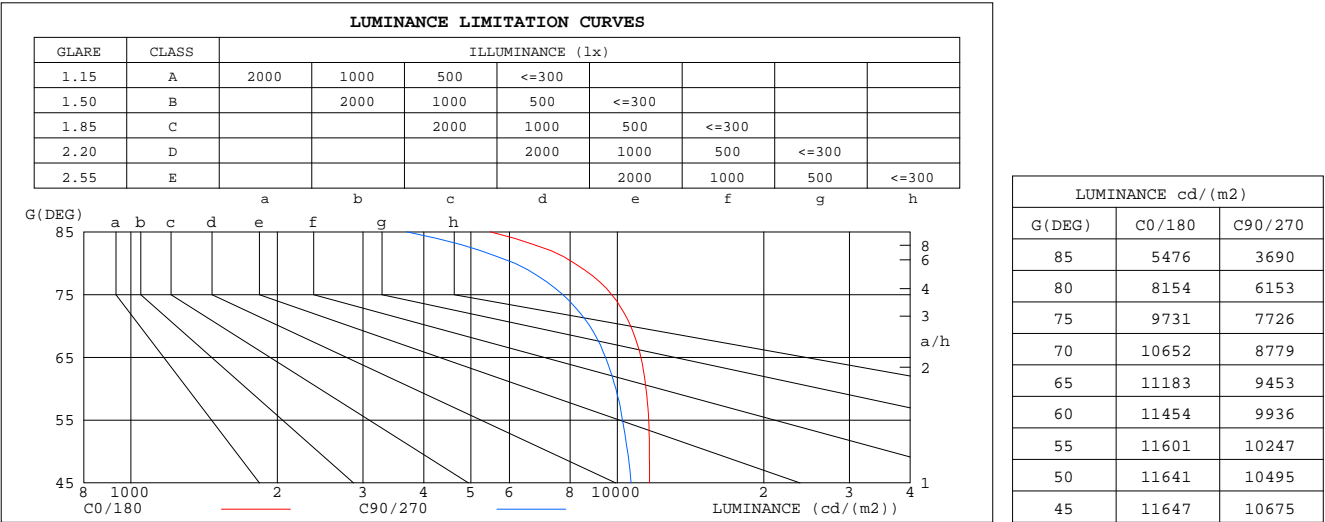
%lamp = 40.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:



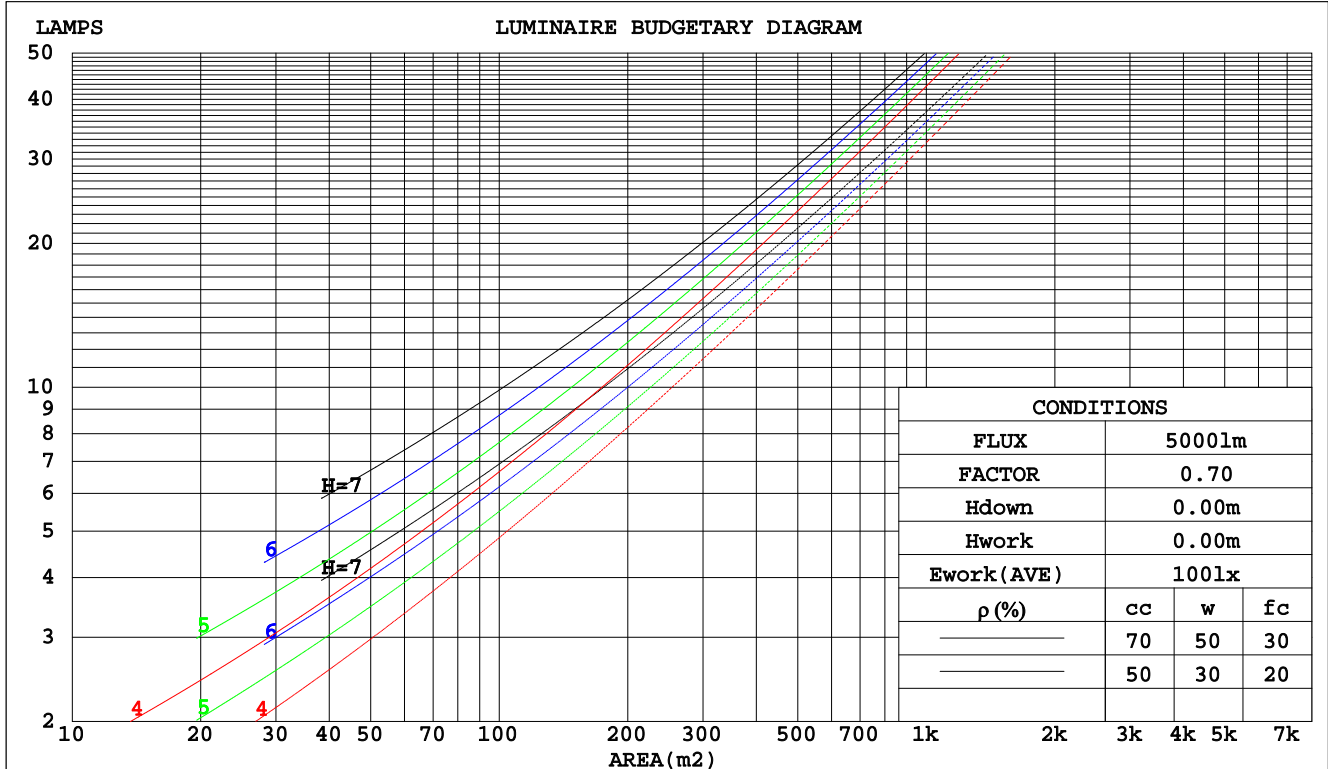
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:25 June 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance:2.500m [K=4.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	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	1.08	1.08	1.08	.99	.99	.99	.84	.84	.84	.70	.70	.70	.58	.58	.58	.52
1.0	.94	.90	.86	.87	.83	.80	.74	.71	.69	.62	.60	.58	.51	.49	.48	.43
2.0	.81	.75	.70	.75	.70	.65	.64	.60	.57	.54	.51	.48	.44	.42	.40	.36
3.0	.71	.64	.58	.66	.60	.54	.56	.51	.47	.47	.44	.40	.39	.36	.34	.30
4.0	.63	.55	.49	.58	.51	.46	.50	.44	.40	.42	.38	.34	.35	.32	.29	.25
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.34	.38	.33	.30	.31	.28	.25	.22
6.0	.50	.42	.36	.47	.39	.34	.40	.34	.30	.34	.29	.26	.28	.25	.22	.19
7.0	.45	.37	.31	.42	.35	.30	.36	.30	.26	.31	.26	.23	.26	.22	.19	.17
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.28	.23	.20	.23	.20	.17	.15
9.0	.37	.30	.25	.35	.28	.23	.30	.25	.21	.26	.21	.18	.22	.18	.16	.13
10.0	.34	.27	.22	.32	.25	.21	.28	.22	.19	.24	.19	.16	.20	.17	.14	.12



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks:

WEC AND CCEC

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm									
NAME:				TYPE:LED				WEIGHT:	
SPEC.:				DIM.:				SERIAL No.:	
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED				SUR.:				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	.285	.162	.051	.264	.150	.048	.223	.128	.041	.186	.107	.034	.151	.088	.028		
2.0	.266	.146	.045	.247	.136	.042	.210	.117	.036	.176	.099	.031	.144	.082	.026		
3.0	.246	.131	.039	.228	.122	.037	.195	.105	.032	.163	.090	.027	.134	.074	.023		
4.0	.228	.118	.035	.211	.111	.033	.180	.096	.029	.152	.081	.025	.125	.068	.021		
5.0	.211	.107	.031	.196	.101	.029	.167	.087	.026	.141	.074	.022	.116	.062	.019		
6.0	.196	.098	.028	.182	.092	.026	.156	.080	.023	.131	.068	.020	.108	.057	.017		
7.0	.183	.090	.026	.170	.085	.024	.145	.074	.021	.123	.063	.018	.101	.053	.015		
8.0	.171	.083	.023	.159	.078	.022	.136	.068	.019	.115	.058	.017	.095	.049	.014		
9.0	.160	.078	.022	.149	.073	.020	.128	.063	.018	.108	.054	.016	.089	.045	.013		
10.0	.151	.072	.020	.140	.068	.019	.121	.059	.017	.102	.051	.014	.084	.042	.012		

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	.559	.559	.559	.478	.478	.478	.326	.326	.326	.187	.187	.187	.060	.060	.060	
1.0	.550	.528	.508	.471	.453	.437	.322	.312	.302	.185	.180	.176	.059	.058	.057	
2.0	.543	.506	.475	.465	.436	.411	.319	.301	.287	.184	.175	.168	.059	.057	.055	
3.0	.536	.490	.454	.460	.423	.393	.316	.294	.276	.182	.172	.163	.059	.056	.053	
4.0	.529	.478	.439	.454	.413	.382	.312	.288	.269	.181	.169	.159	.058	.055	.052	
5.0	.523	.469	.429	.449	.406	.373	.309	.283	.264	.179	.166	.156	.058	.054	.052	
6.0	.517	.461	.422	.444	.400	.367	.306	.280	.260	.178	.165	.155	.057	.054	.051	
7.0	.511	.455	.417	.439	.395	.363	.303	.277	.257	.176	.163	.153	.057	.053	.051	
8.0	.505	.450	.413	.435	.390	.360	.301	.274	.255	.175	.162	.152	.057	.053	.050	
9.0	.499	.446	.409	.430	.387	.357	.298	.272	.254	.174	.161	.151	.056	.053	.050	
10.0	.494	.442	.407	.426	.384	.355	.296	.270	.252	.172	.160	.151	.056	.052	.050	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance: 2.500m [K=4.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm											
NAME:					TYPE:LED			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED					SUR.:			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		18.4	19.4	19.3	20.2	21.3	17.8	18.8	18.6	19.6	20.7
	3H	20.0	20.8	20.8	21.7	22.8	19.1	20.0	20.0	20.9	22.0
	4H	20.5	21.3	21.4	22.2	23.4	19.6	20.4	20.5	21.3	22.4
	6H	20.9	21.6	21.8	22.5	23.7	19.9	20.6	20.8	21.5	22.7
	8H	20.9	21.7	21.9	22.6	23.7	19.9	20.6	20.8	21.5	22.7
	12H	20.9	21.6	21.9	22.5	23.7	19.8	20.5	20.8	21.5	22.6
4H	2H	18.8	19.6	19.7	20.5	21.6	18.3	19.2	19.2	20.0	21.2
	3H	20.5	21.2	21.4	22.1	23.3	19.8	20.5	20.7	21.4	22.6
	4H	21.2	21.8	22.1	22.7	23.9	20.4	21.0	21.3	21.9	23.1
	6H	21.6	22.2	22.6	23.1	24.3	20.7	21.2	21.7	22.2	23.4
	8H	21.7	22.2	22.7	23.2	24.4	20.8	21.3	21.7	22.2	23.5
	12H	21.8	22.2	22.7	23.2	24.4	20.7	21.2	21.7	22.2	23.4
8H	4H	21.3	21.8	22.2	22.7	24.0	20.5	21.0	21.5	22.0	23.2
	6H	21.8	22.2	22.8	23.2	24.5	21.0	21.4	22.0	22.4	23.7
	8H	22.0	22.3	23.0	23.3	24.6	21.1	21.4	22.1	22.4	23.7
	12H	22.1	22.4	23.1	23.4	24.7	21.1	21.4	22.1	22.4	23.7
12H	4H	21.2	21.7	22.2	22.6	23.9	20.5	21.0	21.5	21.9	23.2
	6H	21.8	22.1	22.8	23.1	24.4	21.0	21.3	22.0	22.3	23.6
	8H	22.0	22.3	23.0	23.3	24.6	21.1	21.4	22.1	22.4	23.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 8676 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 7.5$)
Area: 0.13255 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance: 2.500m [K=4.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

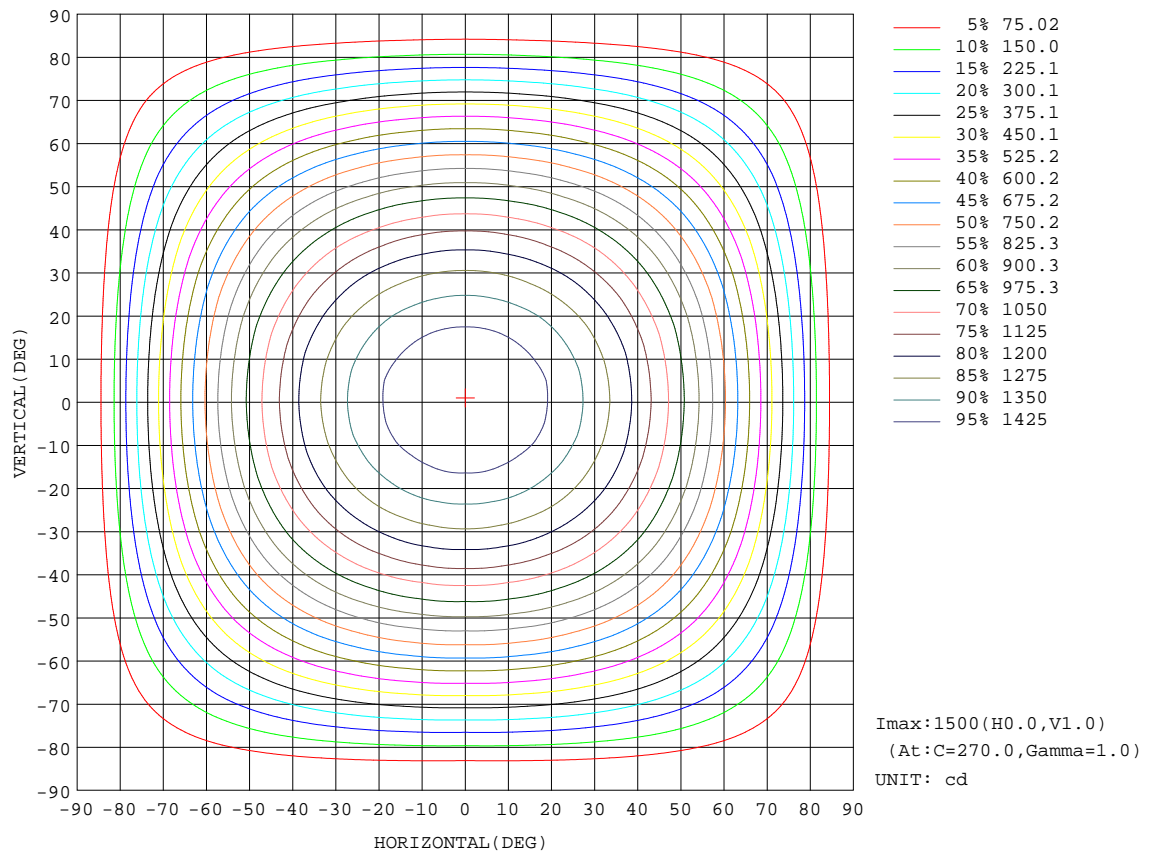
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	26	41	31	26	37	29	24	16
0.80	53	42	35	50	40	33	44	36	31	21
1.00	61	50	42	57	47	41	50	44	37	25
1.25	68	57	50	64	54	47	56	48	43	29
1.50	73	63	55	68	59	53	59	52	47	32
2.00	81	71	64	75	67	61	65	59	54	36
2.50	85	77	70	79	72	66	68	62	58	38
3.00	89	81	75	82	76	70	70	66	62	40
4.00	93	87	81	86	81	76	74	70	66	43
5.00	96	90	86	89	84	80	76	72	69	44
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	SUR.:	Shielding Angle:



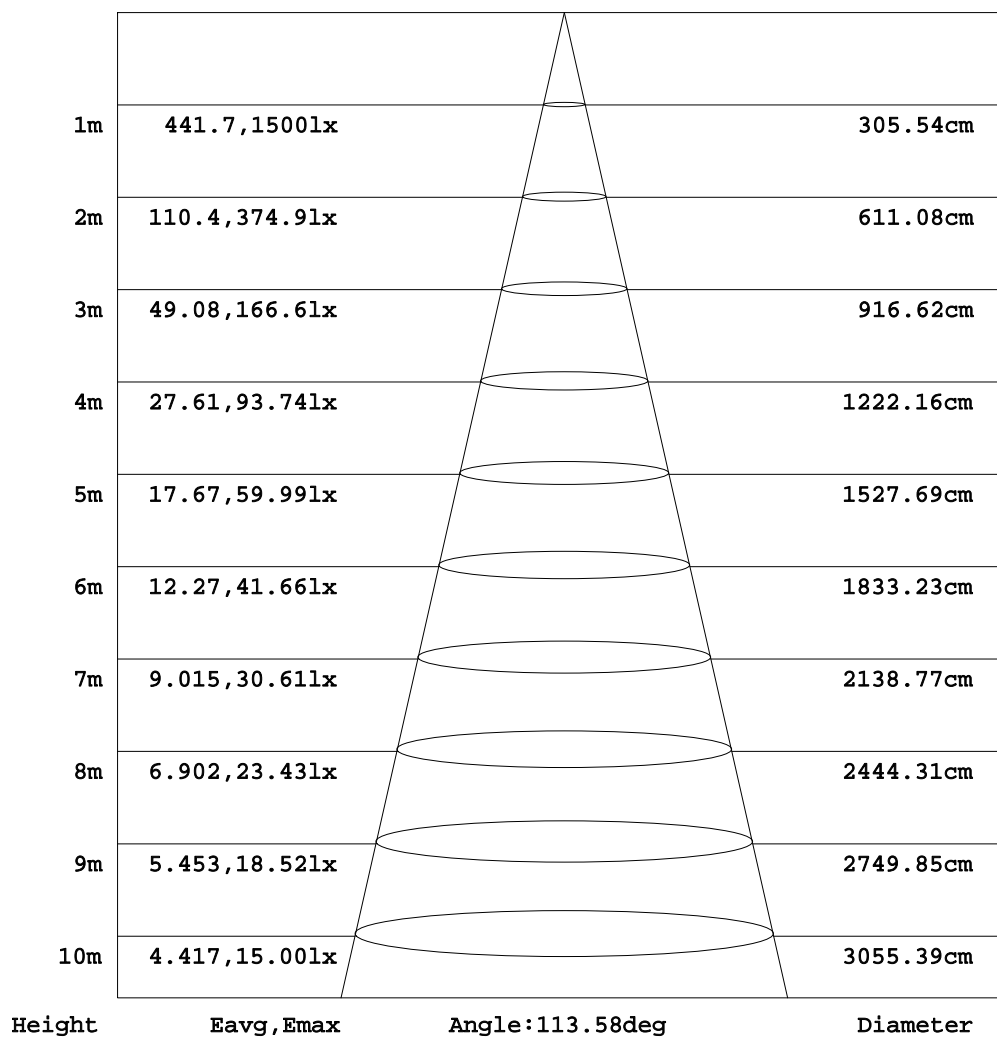
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance: 2.500m [K=4.0000]
Remarks:

AAI Figure

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

Flux out:3291 lm



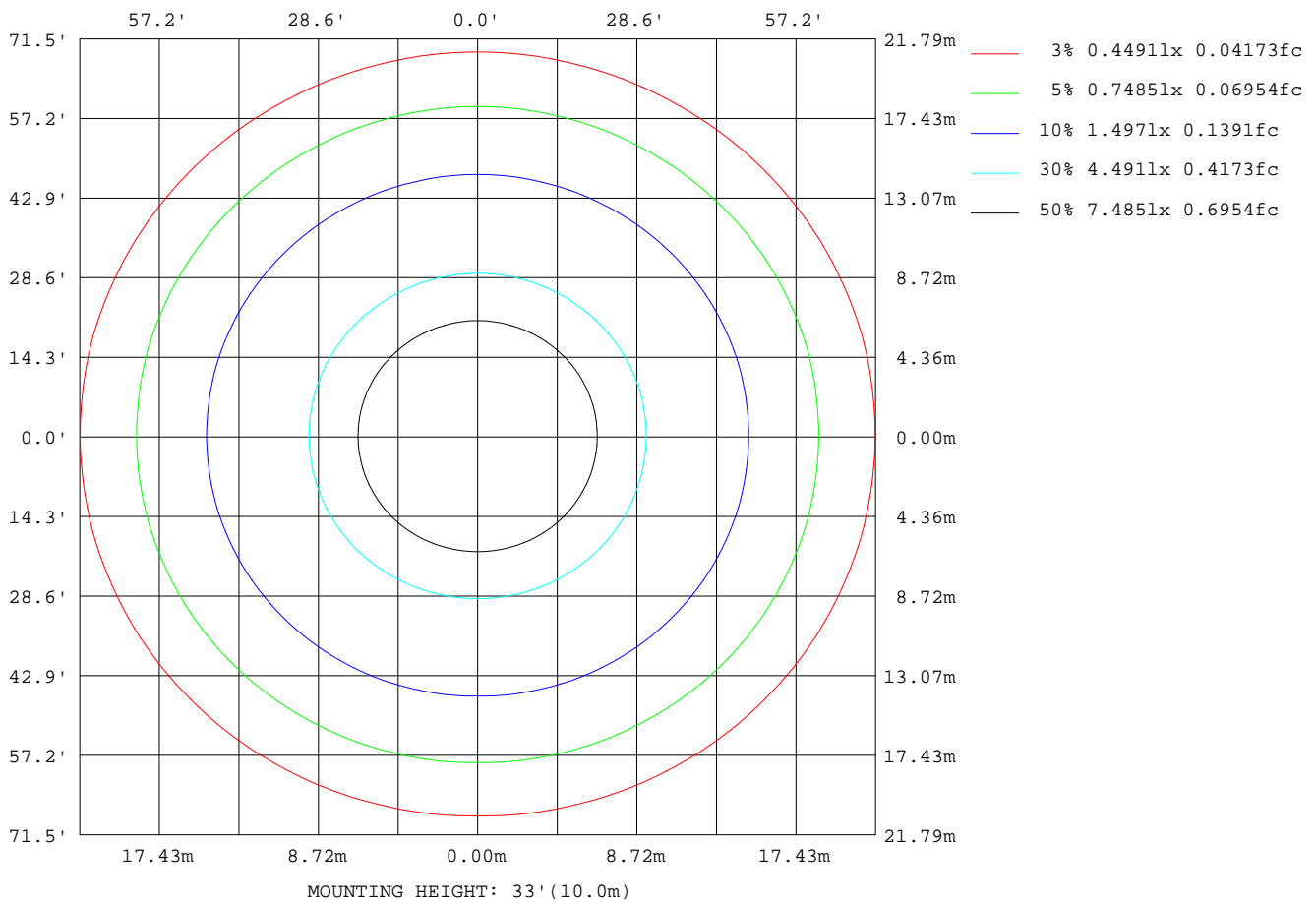
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks:

LED Avg.L Report

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

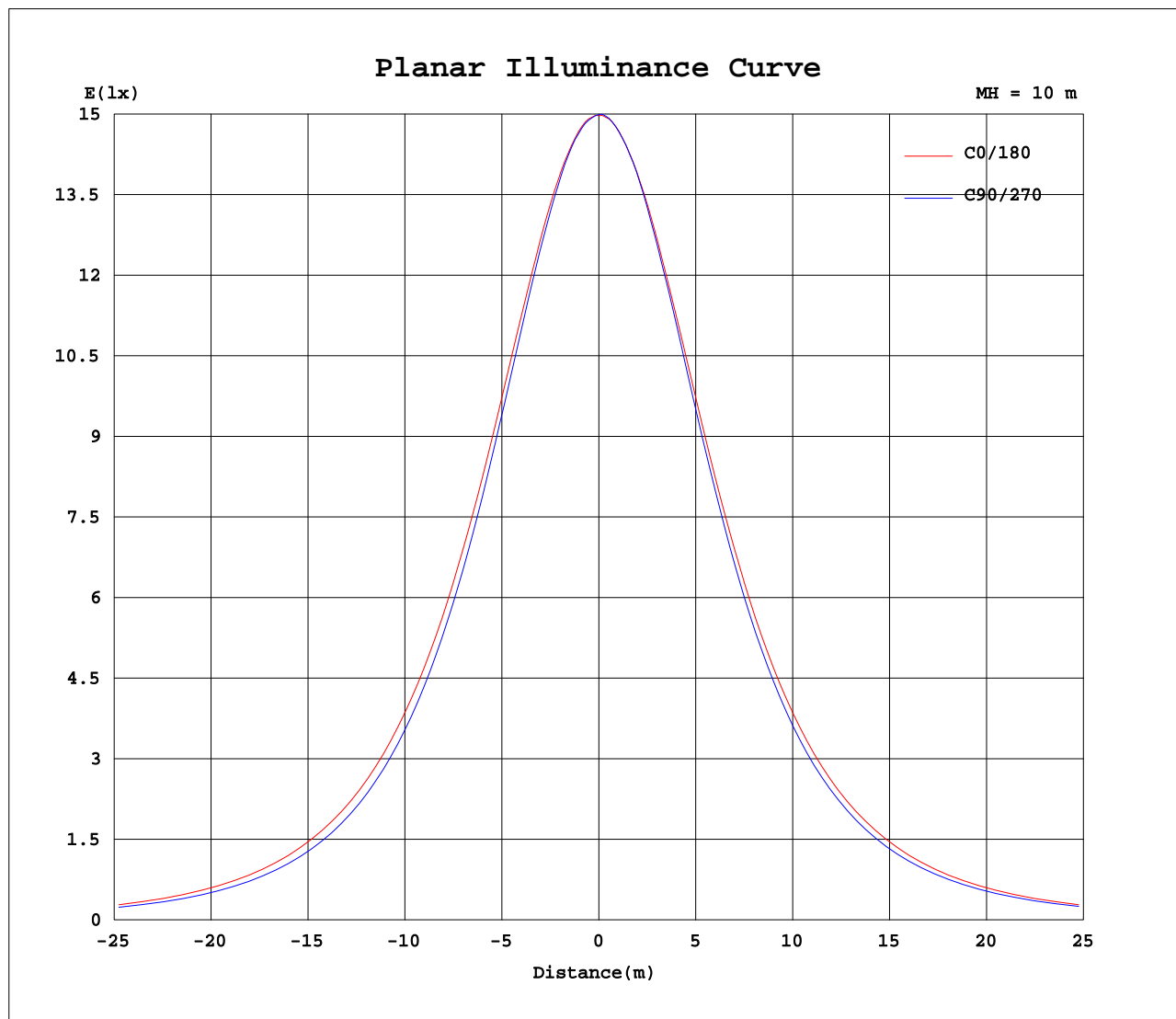
AvgL	cd/m2
L_0~180(65)av	11183
L_0~180(75)av	9731
L_0~180(85)av	5476
L_90~270(65)av	9719
L_90~270(75)av	8139
L_90~270(85)av	4431
L_45(65)av	10427
L_45(75)av	8919
L_45(85)av	5036

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance: 2.500m [K=4.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm																		
NAME:									TYPE:LED					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1497	1498	1499	1499	1498	1497	1499	1497	1498	1499	1499	1498	1497	1499	1497	1497	1497	1499	1499
5	1494	1493	1492	1491	1493	1491	1491	1491	1493	1491	1492	1493	1494	1494	1494	1494	1493	1494	1493
10	1478	1476	1477	1474	1471	1470	1471	1470	1471	1474	1477	1476	1478	1480	1478	1477	1476	1477	1477
15	1454	1451	1448	1444	1442	1439	1436	1439	1442	1444	1448	1451	1454	1454	1452	1450	1446	1446	1445
20	1418	1416	1412	1405	1396	1392	1392	1392	1396	1405	1412	1416	1418	1421	1416	1411	1406	1405	1404
25	1375	1371	1363	1353	1344	1337	1333	1337	1344	1353	1363	1371	1375	1375	1370	1363	1354	1349	1347
30	1319	1315	1306	1293	1278	1268	1266	1268	1278	1293	1306	1315	1319	1321	1312	1301	1290	1285	1283
35	1255	1249	1236	1219	1204	1192	1186	1192	1204	1219	1236	1249	1255	1254	1244	1231	1216	1208	1206
40	1178	1171	1157	1138	1117	1103	1099	1103	1117	1138	1157	1171	1178	1179	1165	1148	1133	1123	1120
45	1092	1084	1066	1044	1023	1007	1000	1007	1023	1044	1066	1084	1092	1090	1077	1058	1039	1027	1024
50	992	984	966	942	918	900	894	900	918	942	966	984	992	992	975	955	934	923	920
55	882	874	854	829	805	787	779	787	805	829	854	874	882	881	865	843	822	809	807
60	759	752	733	708	683	665	658	665	683	708	733	752	759	760	742	721	701	690	687
65	626	619	601	577	555	538	530	538	555	577	601	619	626	626	611	591	573	562	559
70	483	477	461	440	420	405	398	405	420	440	461	477	483	485	470	453	438	429	427
75	334	329	317	301	285	272	265	272	285	301	317	329	334	335	324	311	300	294	293
80	188	185	177	168	156	147	142	147	156	168	177	185	188	190	183	175	168	166	166
85	63.3	63.1	60.2	55.5	50.6	46.1	42.6	46.1	50.6	55.5	60.2	63.1	63.3	65.8	63.4	60.8	59.1	58.6	59.7
90	2.61	3.20	3.07	2.80	2.24	1.81	1.66	1.81	2.24	2.80	3.07	3.20	2.61	3.82	3.97	4.44	4.66	4.74	5.03
95	64.4	69.5	65.9	60.2	53.6	49.9	48.9	49.9	53.6	60.2	65.9	69.5	64.4	57.2	51.6	38.5	28.6	24.2	22.2
100	181	185	179	170	161	154	152	154	161	170	179	185	181	174	161	145	129	117	112
105	314	316	307	296	286	279	276	279	286	296	307	316	314	303	286	269	252	239	233
110	450	452	442	427	415	406	404	406	415	427	442	452	450	437	418	397	379	366	360
115	581	582	570	555	542	534	529	534	542	555	570	582	581	567	547	526	506	491	485
120	706	706	694	678	663	654	651	654	663	678	694	706	706	692	671	648	628	614	609
125	821	820	808	792	780	771	766	771	780	792	808	820	821	807	786	765	744	731	724
130	926	927	915	899	885	877	874	877	885	899	915	927	926	914	893	872	853	840	836
135	1021	1021	1010	997	986	977	973	977	986	997	1010	1021	1021	1009	991	973	954	941	937
140	1108	1108	1098	1085	1074	1066	1065	1066	1074	1085	1098	1108	1108	1097	1080	1063	1046	1037	1032
145	1181	1182	1174	1164	1156	1150	1145	1150	1156	1164	1174	1182	1181	1172	1158	1144	1130	1120	1116
150	1247	1249	1243	1232	1225	1220	1220	1220	1225	1232	1243	1249	1247	1241	1226	1214	1203	1197	1194
155	1301	1304	1299	1292	1288	1283	1281	1283	1288	1292	1299	1304	1301	1296	1286	1278	1267	1261	1258
160	1348	1350	1347	1340	1337	1334	1335	1334	1337	1340	1347	1350	1348	1343	1334	1327	1321	1318	1317
165	1381	1385	1382	1379	1377	1377	1374	1377	1377	1379	1382	1385	1381	1378	1372	1371	1365	1361	1360
170	1409	1411	1410	1406	1405	1404	1406	1404	1405	1406	1410	1411	1409	1406	1401	1399	1396	1396	1396
175	1421	1424	1423	1423	1424	1424	1422	1424	1424	1423	1423	1424	1421	1421	1419	1420	1419	1417	1416
180	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427	1427

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
Humidity: 44.6%
Test Distance: 2.500m [K=4.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.5290A P:63.300W PF:0.9971 Freq:60.00Hz Lamp Flux:8676.22x1 lm					
NAME:			TYPE:LED		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED			SUR.:		Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345												
0	1499	1497	1497	1497	1499												
5	1494	1493	1494	1494	1494												
10	1477	1476	1477	1478	1480												
15	1446	1446	1450	1452	1454												
20	1405	1406	1411	1416	1421												
25	1349	1354	1363	1370	1375												
30	1285	1290	1301	1312	1321												
35	1208	1216	1231	1244	1254												
40	1123	1133	1148	1165	1179												
45	1027	1039	1058	1077	1090												
50	923	934	955	975	992												
55	809	822	843	865	881												
60	690	701	721	742	760												
65	562	573	591	611	626												
70	429	438	453	470	485												
75	294	300	311	324	335												
80	166	168	175	183	190												
85	58.6	59.1	60.8	63.4	65.8												
90	4.74	4.66	4.44	3.97	3.82												
95	24.2	28.6	38.5	51.6	57.2												
100	117	129	145	161	174												
105	239	252	269	286	303												
110	366	379	397	418	437												
115	491	506	526	547	567												
120	614	628	648	671	692												
125	731	744	765	786	807												
130	840	853	872	893	914												
135	941	954	973	991	1009												
140	1037	1046	1063	1080	1097												
145	1120	1130	1144	1158	1172												
150	1197	1203	1214	1226	1241												
155	1261	1267	1278	1286	1296												
160	1318	1321	1327	1334	1343												
165	1361	1365	1371	1372	1378												
170	1396	1396	1399	1401	1406												
175	1417	1419	1420	1419	1421												
180	1427	1427	1427	1427	1427												

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 25 June 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
 Humidity: 44.6%
 Test Distance: 2.500m [K=4.0000]
 Remarks: