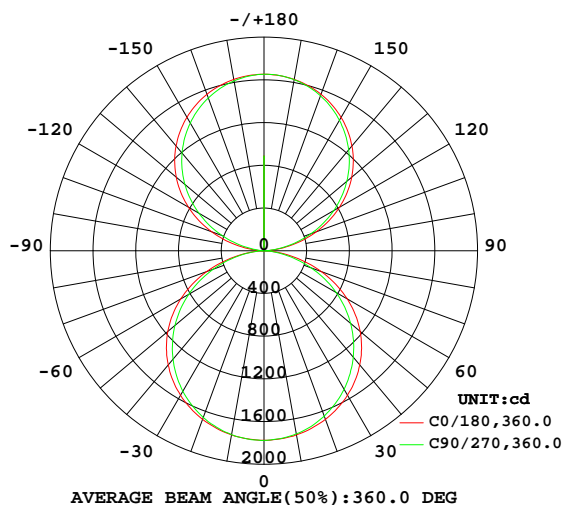


LUMINAIRE PHOTOMETRIC TEST REPORT

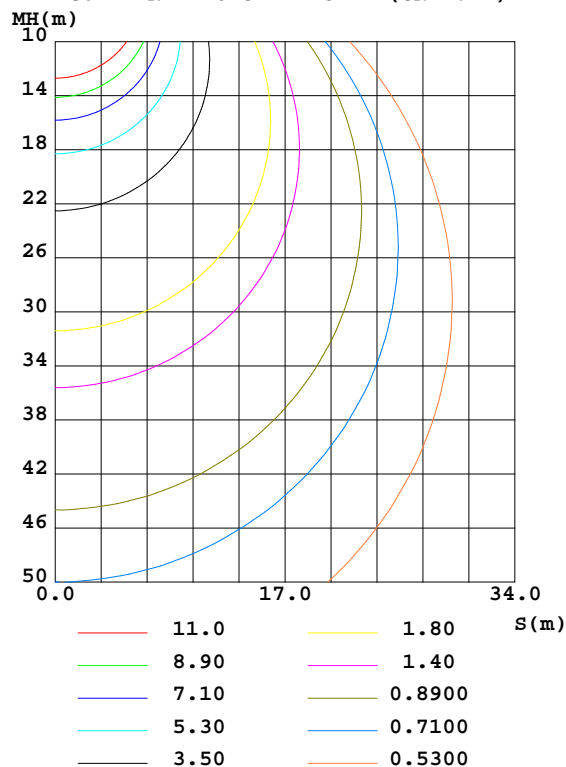
Test:U:120.00V I:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	MEASUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.01 lm/W			
MODEL	657590W27-3545K-W	I _{max} (cd)	1778	S/MH(C0/180)	1.31
NOMINAL POWER(W)	75	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	10169	η UP,DN(C0-180)	24.3,25.9
NOMINAL FLUX(lm)	10169	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.5,26.3
LAMPS INSIDE	1	η up(%)	47.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	52.2	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: 24 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	1750	1745	1742	1745	1750	1751	1748	1751	0- 10	168.1	168.1	1.65,1.65
20	1681	1664	1649	1664	1681	1672	1662	1672	10- 20	484.1	652.3	6.41,6.41
30	1562	1531	1499	1531	1562	1543	1519	1543	20- 30	741.6	1394	13.7,13.7
40	1395	1347	1301	1347	1395	1361	1325	1361	30- 40	908.3	2302	22.6,22.6
50	1176	1116	1059	1116	1176	1132	1088	1132	40- 50	960.4	3263	32.1,32.1
60	899.7	838.1	779.6	838.1	899.7	854.1	812.0	854.1	50- 60	885.4	4148	40.8,40.8
70	571.8	521.8	471.0	521.8	571.8	536.4	506.6	536.4	60- 70	684.5	4832	47.5,47.5
80	222.2	197.3	167.9	197.3	222.2	207.0	196.7	207.0	70- 80	384.4	5217	51.3,51.3
90	2.916	3.252	2.003	3.252	2.916	5.244	5.867	5.244	80- 90	88.30	5305	52.2,52.2
100	209.9	197.3	176.5	197.3	209.9	167.8	129.7	167.8	90-100	76.28	5381	52.9,52.9
110	520.9	496.1	469.0	496.1	520.9	460.4	416.1	460.4	100-110	347.3	5729	56.3,56.3
120	816.5	786.3	754.7	786.3	816.5	751.3	703.7	751.3	110-120	620.9	6350	62.4,62.4
130	1072	1043	1012	1043	1072	1011	967.1	1011	120-130	807.8	7158	70.4,70.4
140	1281	1259	1233	1259	1281	1231	1195	1231	130-140	881.2	8039	79.1,79.1
150	1444	1431	1412	1431	1444	1408	1381	1408	140-150	837.4	8876	87.3,87.3
160	1560	1555	1546	1555	1560	1538	1523	1538	150-160	686.6	9563	94.94
170	1630	1631	1626	1631	1630	1621	1616	1621	160-170	449.7	10012	98.5,98.5
180	1653	1653	1653	1653	1653	1653	1653	1653	170-180	156.5	10169	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2783.6 lm

%lum = 27.4%

%lamp = 27.4%

Conical surface Flux(120deg): 4148 lm

%lum = 40.8%

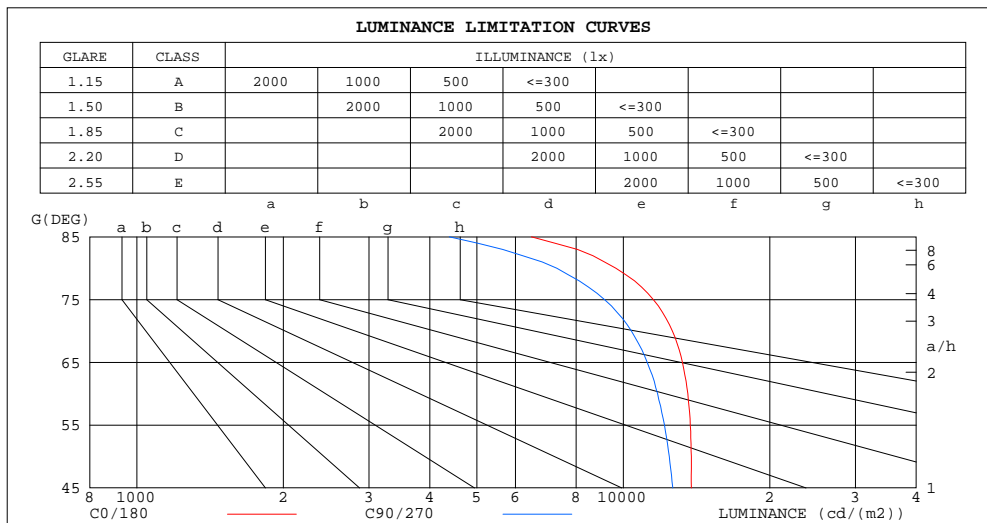
%lamp = 40.8%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6475	4388
80	9653	7294
75	11526	9142
70	12612	10389
65	13231	11194
60	13576	11764
55	13723	12150
50	13801	12431
45	13797	12643

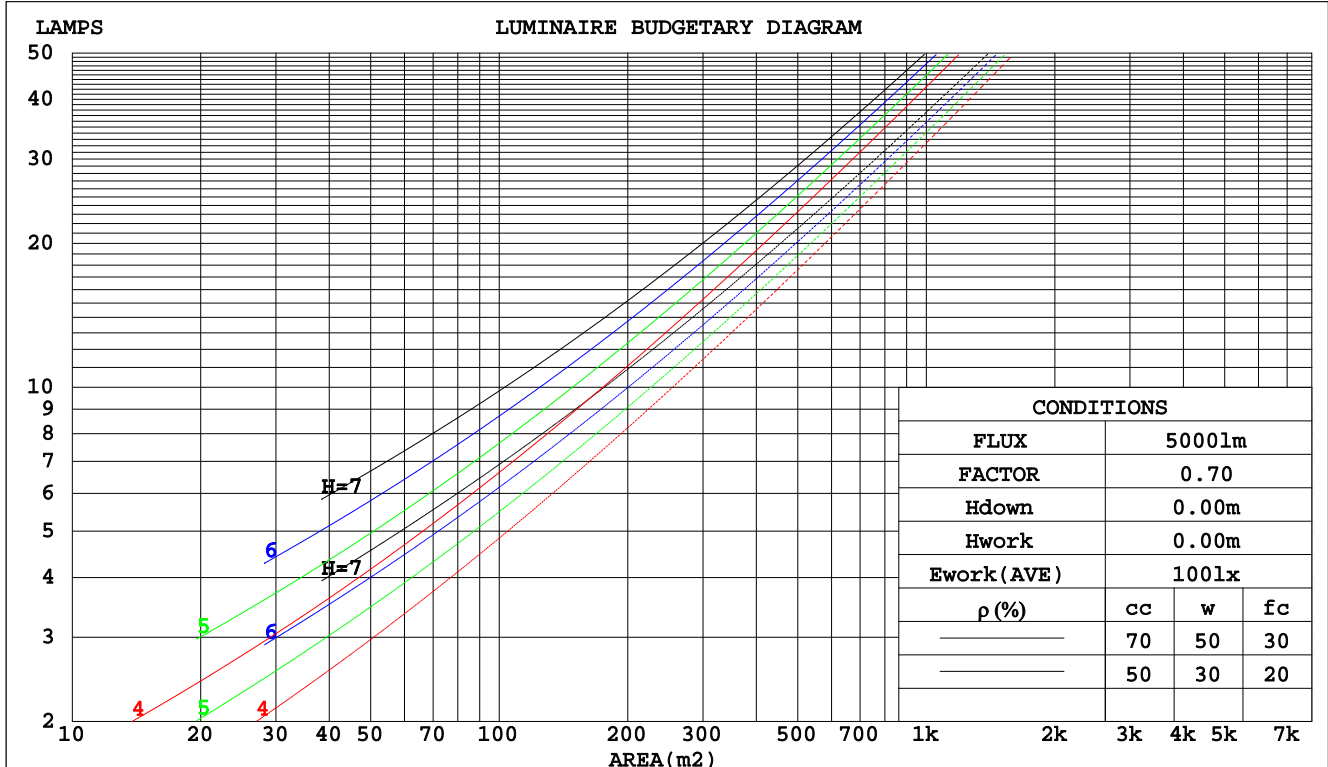
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 24 June 2023

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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS 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	.00	.00	.00	.85	.85	.85	.71	.71	.71	.58	.58	.58	.52
1.0	.94	.90	.86	.87	.83	.80	.74	.71	.69	.62	.60	.59	.51	.50	.49	.44
2.0	.82	.75	.70	.76	.70	.65	.64	.60	.57	.54	.51	.49	.45	.43	.41	.36
3.0	.71	.64	.58	.66	.60	.54	.57	.52	.47	.48	.44	.41	.39	.37	.34	.30
4.0	.63	.55	.49	.59	.51	.46	.50	.45	.40	.42	.38	.35	.35	.32	.29	.26
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	.20	.17
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.28	.24	.20	.24	.20	.17	.15
9.0	.37	.30	.25	.35	.28	.23	.30	.25	.21	.26	.21	.18	.22	.18	.16	.14
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: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 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	.151	.048	.224	.128	.041	.187	.108	.035	.153	.089	.029	
2.0	.267	.146	.045	.247	.136	.042	.210	.117	.036	.177	.099	.031	.146	.082	.026	
3.0	.247	.131	.039	.229	.123	.037	.195	.106	.032	.164	.090	.028	.136	.075	.023	
4.0	.228	.118	.035	.212	.111	.033	.181	.096	.029	.152	.082	.025	.126	.068	.021	
5.0	.211	.108	.031	.196	.101	.029	.168	.087	.026	.142	.075	.022	.117	.063	.019	
6.0	.196	.098	.028	.182	.092	.027	.156	.080	.023	.132	.069	.020	.109	.057	.017	
7.0	.183	.090	.026	.170	.085	.024	.146	.074	.021	.123	.063	.018	.102	.053	.016	
8.0	.171	.084	.023	.159	.078	.022	.137	.068	.020	.116	.059	.017	.096	.049	.014	
9.0	.160	.078	.022	.149	.073	.020	.128	.064	.018	.109	.054	.016	.090	.046	.013	
10.0	.151	.072	.020	.141	.068	.019	.121	.059	.017	.103	.051	.014	.085	.043	.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	.555	.555	.555	.474	.474	.474	.324	.324	.324	.186	.186	.186	.059	.059	.059	
1.0	.546	.524	.504	.467	.450	.434	.320	.309	.300	.184	.179	.174	.059	.058	.056	
2.0	.539	.502	.471	.461	.432	.407	.316	.299	.284	.182	.174	.166	.059	.056	.054	
3.0	.532	.486	.449	.456	.419	.390	.313	.291	.273	.181	.170	.161	.058	.055	.053	
4.0	.525	.474	.435	.451	.410	.378	.310	.285	.266	.179	.167	.157	.058	.054	.052	
5.0	.519	.465	.425	.445	.402	.370	.307	.281	.261	.178	.165	.155	.057	.054	.051	
6.0	.512	.457	.418	.440	.396	.364	.304	.277	.257	.176	.163	.153	.057	.053	.051	
7.0	.506	.451	.412	.435	.391	.359	.301	.274	.255	.175	.161	.152	.056	.053	.050	
8.0	.501	.446	.408	.431	.387	.356	.298	.271	.252	.173	.160	.150	.056	.053	.050	
9.0	.495	.441	.405	.427	.383	.353	.296	.269	.251	.172	.159	.150	.056	.052	.050	
10.0	.490	.438	.403	.422	.380	.351	.293	.267	.250	.171	.158	.149	.055	.052	.049	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 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	19.1	20.0	19.9	20.9	21.9	18.4	19.4	19.3	20.3	21.3	
	3H	20.6	21.5	21.5	22.3	23.4	19.8	20.7	20.6	21.5	22.6
	4H	21.2	22.0	22.0	22.9	24.0	20.2	21.1	21.1	21.9	23.1
	6H	21.5	22.3	22.4	23.2	24.3	20.5	21.2	21.4	22.1	23.3
	8H	21.6	22.3	22.5	23.2	24.4	20.5	21.2	21.4	22.1	23.3
	12H	21.6	22.3	22.5	23.2	24.3	20.5	21.2	21.4	22.1	23.3
4H	2H	19.5	20.3	20.3	21.2	22.3	19.0	19.8	19.9	20.7	21.8
	3H	21.1	21.8	22.1	22.7	23.9	20.5	21.1	21.4	22.1	23.2
	4H	21.8	22.4	22.8	23.4	24.6	21.0	21.6	21.9	22.6	23.8
	6H	22.3	22.8	23.2	23.8	25.0	21.3	21.9	22.3	22.8	24.1
	8H	22.4	22.9	23.3	23.8	25.1	21.4	21.9	22.4	22.9	24.1
	12H	22.4	22.8	23.4	23.8	25.1	21.4	21.8	22.4	22.8	24.1
8H	4H	21.9	22.4	22.9	23.4	24.6	21.2	21.7	22.1	22.6	23.9
	6H	22.5	22.9	23.4	23.8	25.1	21.6	22.0	22.6	23.0	24.3
	8H	22.6	23.0	23.6	24.0	25.3	21.7	22.1	22.7	23.1	24.4
	12H	22.7	23.0	23.7	24.0	25.3	21.7	22.0	22.8	23.1	24.4
12H	4H	21.8	22.3	22.8	23.3	24.5	21.1	21.6	22.1	22.6	23.8
	6H	22.4	22.8	23.4	23.8	25.1	21.6	22.0	22.6	23.0	24.3
	8H	22.6	22.9	23.6	23.9	25.2	21.8	22.1	22.8	23.1	24.4
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, 10169 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 8.1$)
Area: 0.13255 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

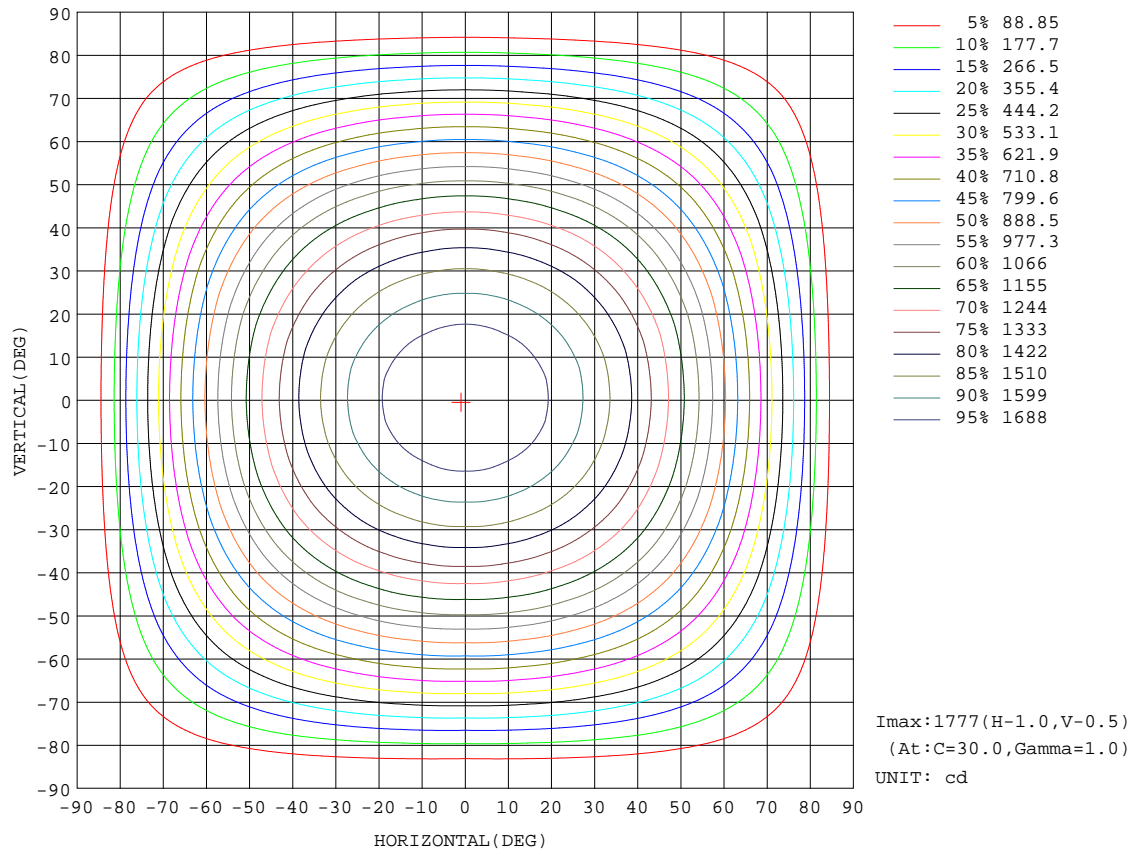
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	27	42	32	26	37	29	24	16
0.80	54	42	35	50	40	33	45	36	31	21
1.00	61	50	42	58	47	41	51	44	37	25
1.25	68	57	50	64	54	48	56	48	43	29
1.50	74	63	56	69	59	53	60	53	47	32
2.00	81	71	64	75	67	61	65	59	54	36
2.50	85	77	70	79	72	66	68	63	58	38
3.00	89	81	75	82	76	71	71	66	62	41
4.00	93	87	82	86	81	77	74	70	67	43
5.00	96	91	86	89	84	80	76	73	70	45
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: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:



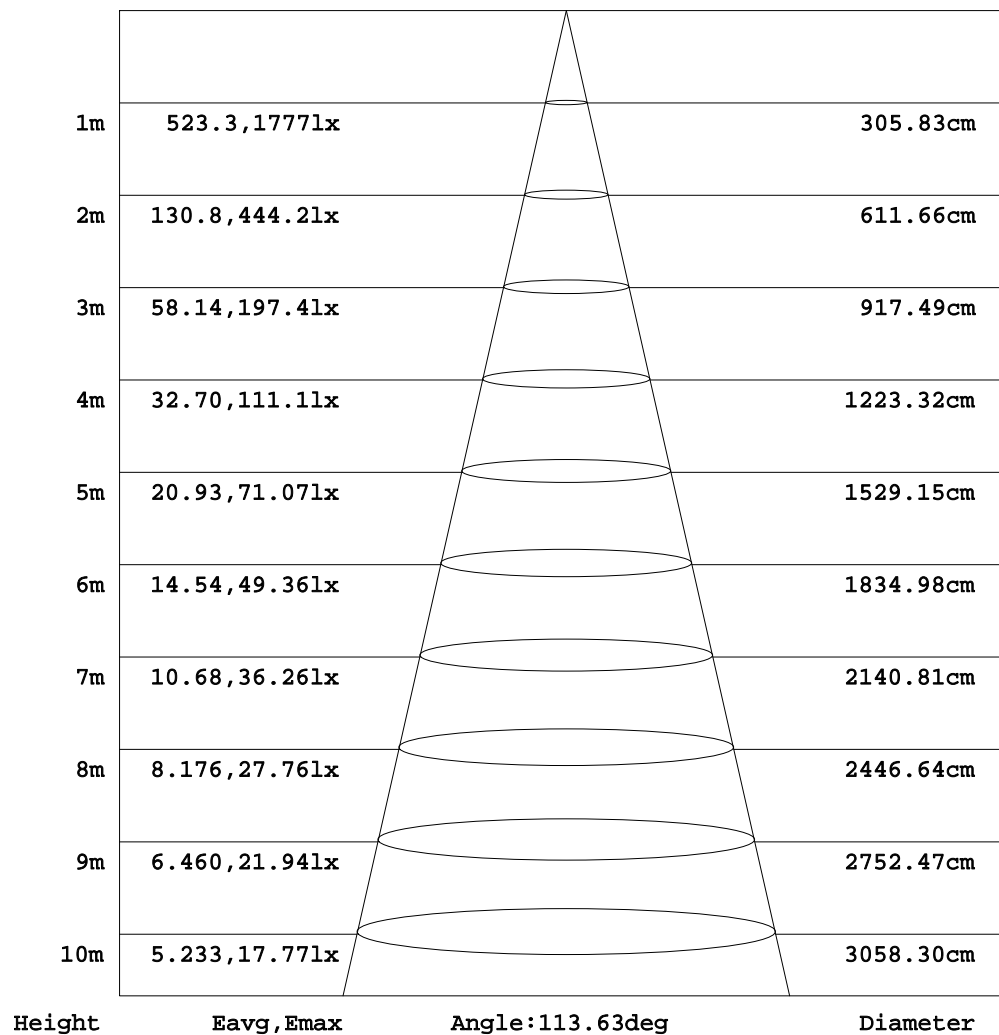
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 24 June 2023

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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

Flux out:3898 lm



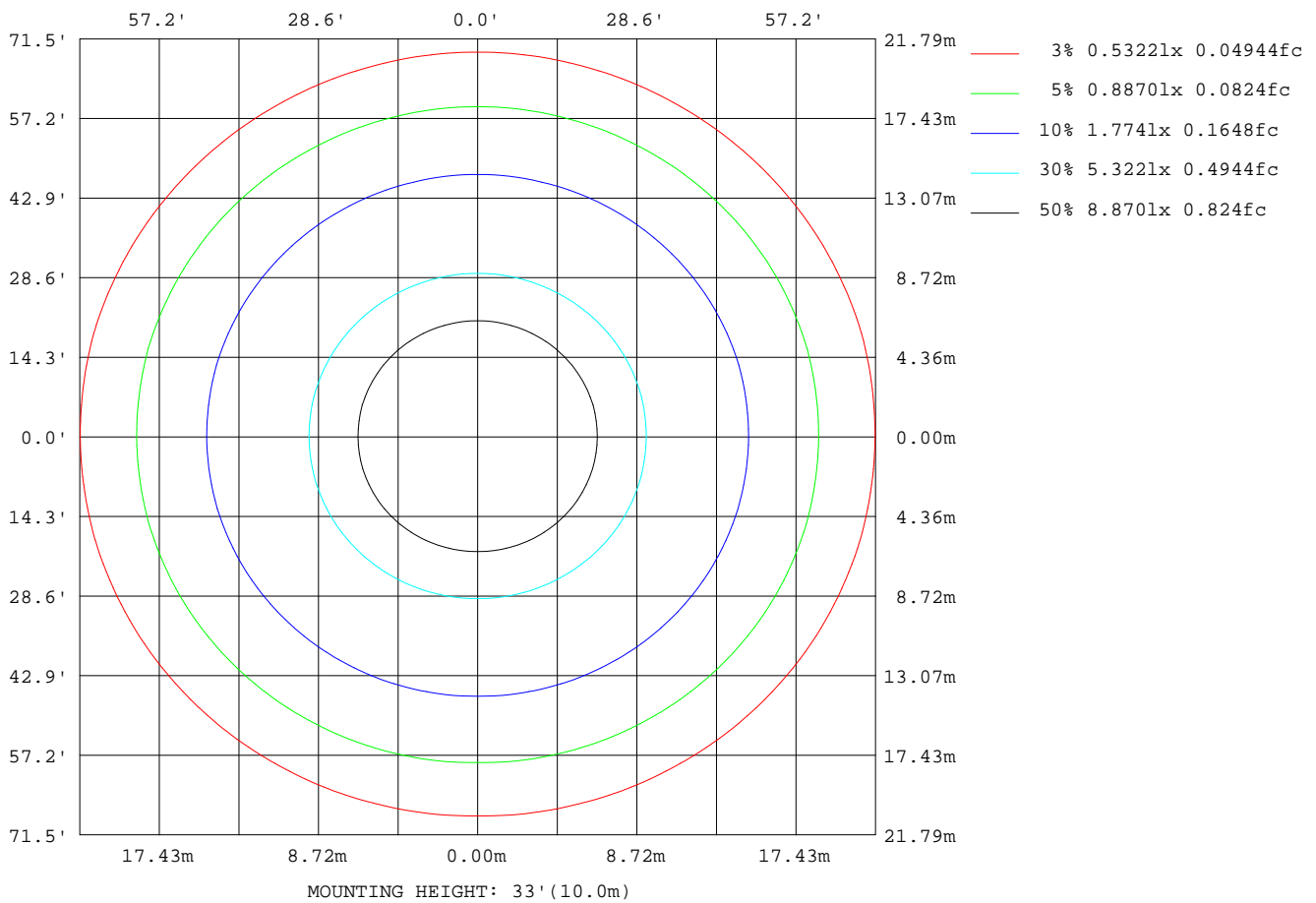
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 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: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

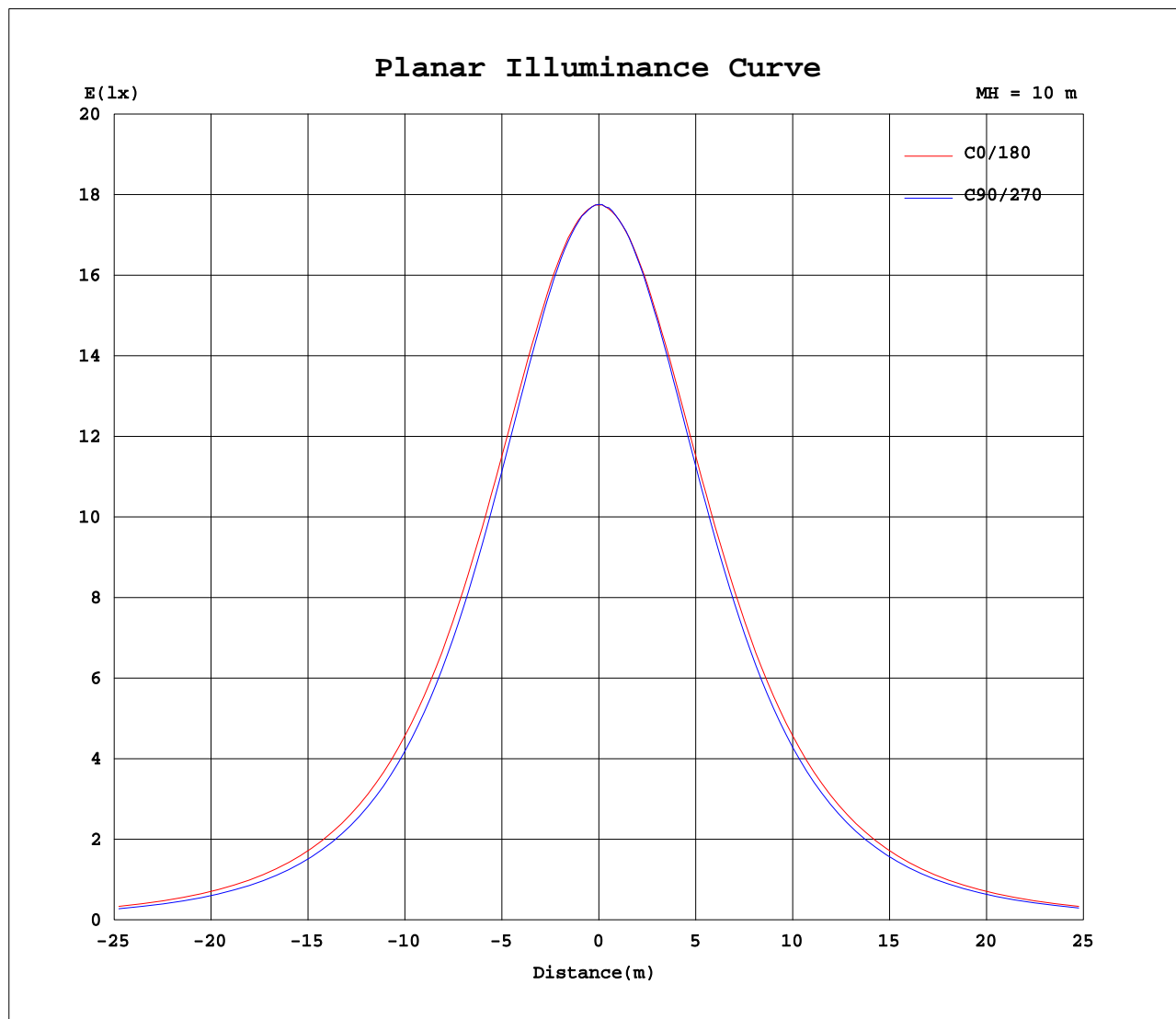
AvgL	cd/m2
L_0~180(65)av	13231
L_0~180(75)av	11526
L_0~180(85)av	6475
L_90~270(65)av	11512
L_90~270(75)av	9632
L_90~270(85)av	5245
L_45(65)av	12352
L_45(75)av	10572
L_45(85)av	5965

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 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: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 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	1774	1775	1774	1774	1772	1774	1776	1774	1772	1774	1774	1775	1774	1775	1773	1774	1774	1775	1776
5	1768	1768	1768	1767	1767	1766	1767	1766	1767	1767	1768	1768	1768	1769	1770	1769	1769	1769	1769
10	1750	1750	1748	1745	1744	1741	1742	1741	1744	1745	1748	1750	1750	1752	1751	1751	1748	1749	1748
15	1721	1720	1716	1711	1707	1703	1703	1703	1707	1711	1716	1720	1721	1723	1720	1716	1713	1713	1711
20	1681	1678	1672	1664	1655	1650	1649	1650	1655	1664	1672	1678	1681	1683	1679	1672	1665	1661	1662
25	1627	1624	1615	1603	1592	1583	1580	1583	1592	1603	1615	1624	1627	1630	1623	1614	1604	1599	1596
30	1562	1557	1547	1531	1514	1503	1499	1503	1514	1531	1547	1557	1562	1565	1556	1543	1529	1520	1519
35	1486	1479	1464	1444	1425	1410	1405	1410	1425	1444	1464	1479	1486	1486	1475	1457	1442	1431	1429
40	1395	1389	1371	1347	1324	1307	1301	1307	1324	1347	1371	1389	1395	1396	1381	1361	1342	1330	1325
45	1293	1284	1265	1237	1210	1193	1185	1193	1210	1237	1265	1284	1293	1293	1275	1252	1231	1217	1211
50	1176	1167	1145	1116	1087	1068	1059	1068	1087	1116	1145	1167	1176	1175	1155	1132	1108	1093	1088
55	1043	1036	1013	982	953	933	924	933	953	982	1013	1036	1043	1045	1024	998	974	959	956
60	900	891	868	838	809	788	780	788	809	838	868	891	900	900	880	854	831	816	812
65	741	733	712	684	657	637	627	637	657	684	712	733	741	743	724	700	678	665	663
70	572	566	547	522	498	480	471	480	498	522	547	566	572	574	557	536	519	508	507
75	395	391	376	356	337	322	314	322	337	356	376	391	395	398	385	369	355	348	347
80	222	220	210	197	184	173	168	173	184	197	210	220	222	225	217	207	199	196	197
85	74.8	74.3	71.2	66.0	59.7	54.5	50.7	54.5	59.7	66.0	71.2	74.3	74.8	78.1	75.0	71.9	69.9	69.4	70.5
90	2.92	3.79	3.50	3.25	2.62	2.29	2.00	2.29	2.62	3.25	3.50	3.79	2.92	4.46	4.84	5.24	5.55	5.58	5.87
95	74.5	80.5	76.8	67.3	64.9	58.4	57.1	58.4	64.9	67.3	76.8	80.5	74.5	66.4	59.7	44.3	33.1	27.9	25.6
100	210	214	207	197	187	179	176	179	187	197	207	214	210	200	185	168	150	136	130
105	365	366	357	344	332	323	320	323	332	344	357	366	365	351	332	311	291	277	270
110	521	523	511	496	482	472	469	472	482	496	511	523	521	506	484	460	439	423	416
115	673	674	661	644	628	618	615	618	628	644	661	674	673	657	634	609	586	570	563
120	817	818	803	786	770	759	755	759	770	786	803	818	817	801	777	751	728	711	704
125	950	951	937	919	903	892	888	892	903	919	937	951	950	935	911	885	862	847	839
130	1072	1073	1059	1043	1028	1017	1012	1017	1028	1043	1059	1073	1072	1057	1034	1011	989	973	967
135	1183	1184	1171	1156	1142	1132	1128	1132	1142	1156	1171	1184	1183	1169	1149	1126	1105	1091	1085
140	1281	1283	1272	1259	1246	1237	1233	1237	1246	1259	1272	1283	1281	1269	1251	1231	1213	1200	1195
145	1369	1370	1361	1350	1339	1331	1329	1331	1339	1350	1361	1370	1369	1358	1343	1324	1309	1297	1293
150	1444	1446	1439	1431	1422	1415	1412	1415	1422	1431	1439	1446	1444	1435	1422	1408	1395	1384	1381
155	1507	1511	1506	1498	1492	1487	1485	1487	1492	1498	1506	1511	1507	1500	1490	1478	1468	1461	1458
160	1560	1564	1559	1555	1550	1547	1546	1547	1550	1555	1559	1564	1560	1555	1547	1538	1531	1525	1523
165	1601	1604	1602	1599	1595	1593	1593	1593	1595	1599	1602	1604	1601	1597	1592	1586	1580	1578	1577
170	1630	1633	1632	1631	1629	1628	1626	1628	1629	1631	1632	1633	1630	1628	1624	1621	1619	1617	1616
175	1647	1650	1650	1650	1649	1648	1647	1648	1649	1650	1650	1650	1647	1647	1645	1644	1643	1642	1641
180	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 24 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:0.6292A P:75.320W PF:0.9975 Freq:60.00Hz Lamp Flux:10169x1 lm					
NAME:			TYPE:LED		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED			SUR.:		Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1775	1774	1774	1773	1775													
5	1769	1769	1769	1770	1769													
10	1749	1748	1751	1751	1752													
15	1713	1713	1716	1720	1723													
20	1661	1665	1672	1679	1683													
25	1599	1604	1614	1623	1630													
30	1520	1529	1543	1556	1565													
35	1431	1442	1457	1475	1486													
40	1330	1342	1361	1381	1396													
45	1217	1231	1252	1275	1293													
50	1093	1108	1132	1155	1175													
55	959	974	998	1024	1045													
60	816	831	854	880	900													
65	665	678	700	724	743													
70	508	519	536	557	574													
75	348	355	369	385	398													
80	196	199	207	217	225													
85	69.4	69.9	71.9	75.0	78.1													
90	5.58	5.55	5.24	4.84	4.46													
95	27.9	33.1	44.3	59.7	66.4													
100	136	150	168	185	200													
105	277	291	311	332	351													
110	423	439	460	484	506													
115	570	586	609	634	657													
120	711	728	751	777	801													
125	847	862	885	911	935													
130	973	989	1011	1034	1057													
135	1091	1105	1126	1149	1169													
140	1200	1213	1231	1251	1269													
145	1297	1309	1324	1343	1358													
150	1384	1395	1408	1422	1435													
155	1461	1468	1478	1490	1500													
160	1525	1531	1538	1547	1555													
165	1578	1580	1586	1592	1597													
170	1617	1619	1621	1624	1628													
175	1642	1643	1644	1645	1647													
180	1653	1653	1653	1653	1653													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 24 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: