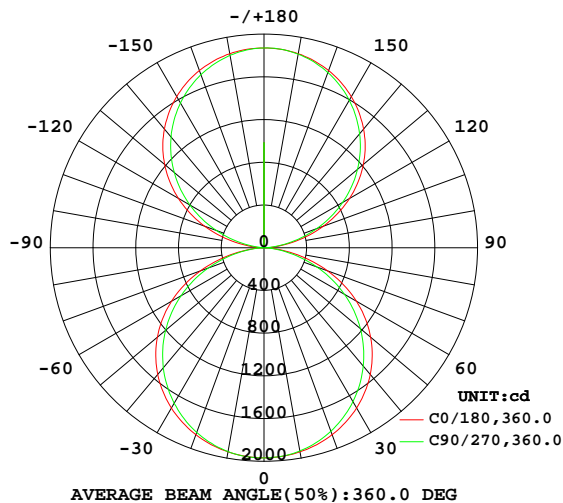


LUMINAIRE PHOTOMETRIC TEST REPORT

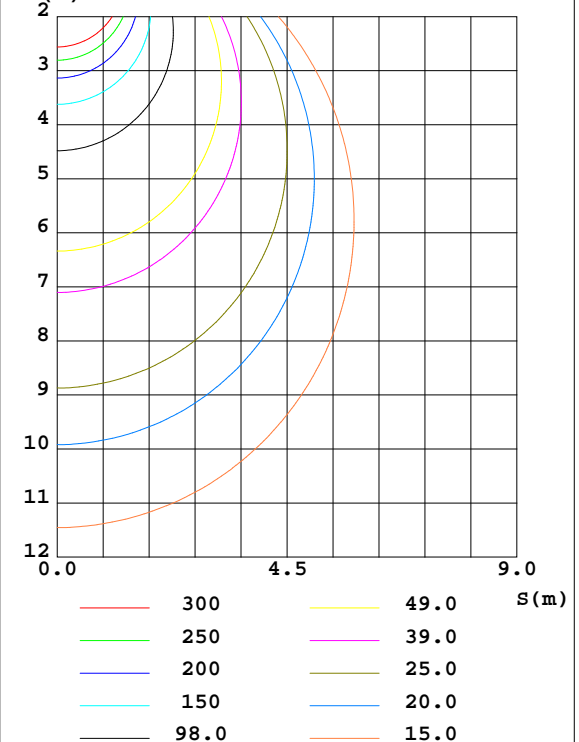
Test:U:120.00V I:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	TESTUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.11 lm/W			
MODEL	657590W27-3545K-W	I _{max} (cd)	1969	S/MH(C0/180)	1.31
NOMINAL POWER(W)	90	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	11387	η UP,DN(C0-180)	24.5,25.7
NOMINAL FLUX(lm)	11386.8	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.8,26.0
LAMPS INSIDE	1	η up(%)	48.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	51.7	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	1940	1935	1932	1935	1940	1941	1938	1941	0- 10	186.4	186.4	1.64,1.64
20	1863	1845	1829	1845	1863	1853	1841	1853	10- 20	536.7	723.2	6.35,6.35
30	1734	1698	1665	1698	1734	1707	1682	1707	20- 30	822.2	1545	13.6,13.6
40	1548	1495	1446	1495	1548	1505	1467	1505	30- 40	1007	2552	22.4,22.4
50	1304	1240	1178	1240	1304	1251	1203	1251	40- 50	1065	3617	31.8,31.8
60	998.2	932.1	868.4	932.1	998.2	942.9	895.9	942.9	50- 60	981.6	4599	40.4,40.4
70	635.2	582.5	527.2	582.5	635.2	590.6	556.6	590.6	60- 70	758.9	5358	47.1,47.1
80	247.5	222.7	189.1	222.7	247.5	225.6	213.3	225.6	70- 80	426.2	5784	50.8,50.8
90	7.609	3.952	2.496	3.952	7.609	5.609	5.901	5.609	80- 90	97.87	5882	51.7,51.7
100	238.2	221.1	196.9	221.1	238.2	191.7	149.7	191.7	90-100	86.18	5968	52.4,52.4
110	590.8	558.6	527.2	558.6	590.8	524.2	474.5	524.2	100-110	393.4	6361	55.9,55.9
120	926.1	886.8	850.8	886.8	926.1	852.7	799.6	852.7	110-120	703.0	7064	62,62
130	1215	1177	1143	1177	1215	1146	1097	1146	120-130	914.4	7978	70.1,70.1
140	1452	1422	1394	1422	1452	1395	1354	1395	130-140	997.4	8976	78.8,78.8
150	1635	1617	1597	1617	1635	1594	1565	1594	140-150	947.8	9924	87.2,87.2
160	1768	1758	1747	1758	1768	1742	1726	1742	150-160	777.1	10701	94,94
170	1845	1845	1841	1845	1845	1836	1830	1836	160-170	508.9	11210	98.4,98.4
180	1871	1871	1871	1871	1871	1871	1871	1871	170-180	177.1	11387	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3086.1 lm

%lum = 27.1%

%lamp = 27.1%

Conical surface Flux(120deg): 4598.7 lm

%lum = 40.4%

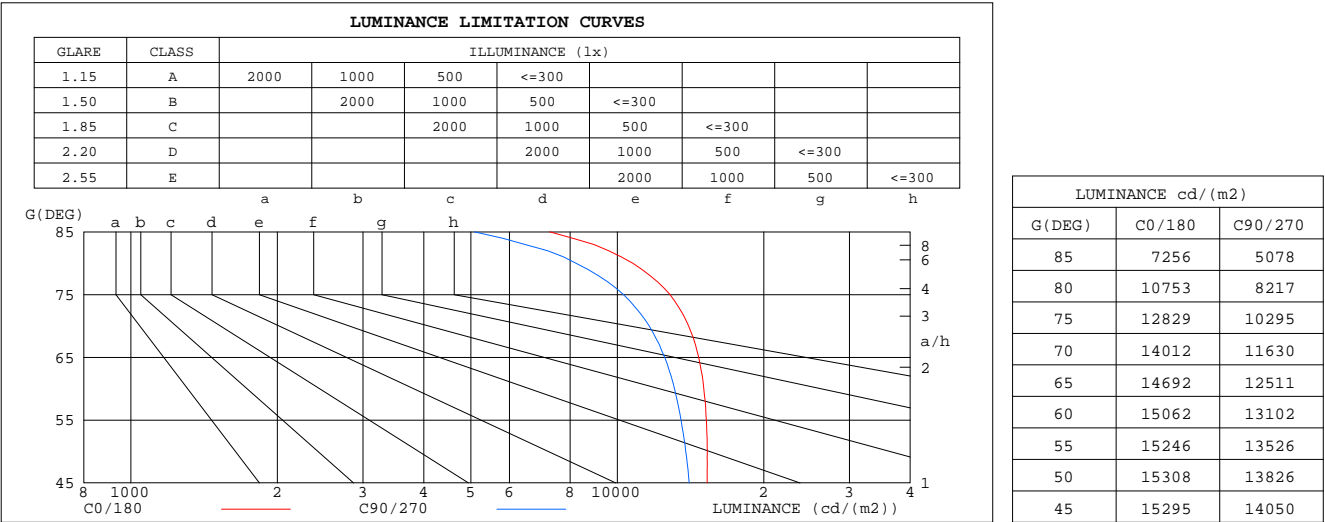
%lamp = 40.4%

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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:



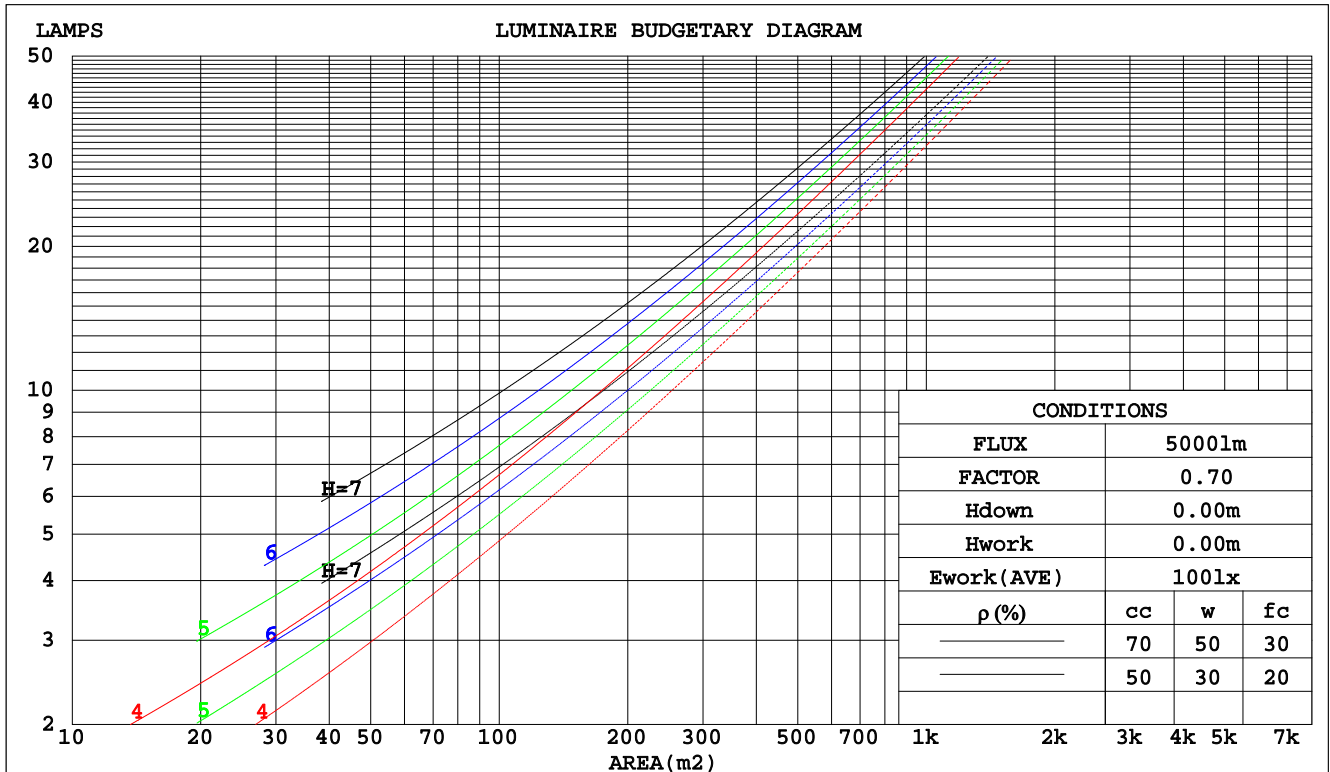
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 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			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	.24	.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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 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	.152	.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	.135	.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	.286	.184	.175	.168	.059	.057	.055	
3.0	.536	.490	.454	.459	.423	.393	.315	.294	.276	.182	.172	.163	.059	.056	.053	
4.0	.529	.478	.439	.454	.413	.381	.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	.516	.461	.422	.444	.399	.367	.306	.280	.260	.178	.164	.154	.057	.054	.051	
7.0	.510	.455	.416	.439	.394	.363	.303	.277	.257	.176	.163	.153	.057	.053	.051	
8.0	.505	.450	.412	.434	.390	.360	.301	.274	.255	.175	.162	.152	.057	.053	.050	
9.0	.499	.445	.409	.430	.387	.357	.298	.272	.253	.174	.160	.151	.056	.053	.050	
10.0	.494	.442	.407	.426	.383	.355	.295	.270	.252	.172	.160	.150	.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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 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		19.4	20.4	20.2	21.2	22.3	18.8	19.8	19.6	20.6	21.7
	3H	20.9	21.8	21.8	22.7	23.8	20.1	21.0	21.0	21.9	23.0
	4H	21.5	22.3	22.4	23.2	24.3	20.6	21.4	21.5	22.3	23.4
	6H	21.8	22.6	22.7	23.5	24.6	20.9	21.6	21.8	22.5	23.7
	8H	21.9	22.6	22.8	23.5	24.7	20.9	21.6	21.8	22.5	23.7
	12H	21.9	22.6	22.8	23.5	24.7	20.9	21.6	21.8	22.5	23.6
4H	2H	19.8	20.6	20.7	21.5	22.6	19.3	20.1	20.2	21.0	22.1
	3H	21.5	22.2	22.4	23.1	24.3	20.8	21.5	21.7	22.4	23.6
	4H	22.2	22.8	23.1	23.7	24.9	21.4	22.0	22.3	22.9	24.1
	6H	22.6	23.1	23.6	24.1	25.3	21.7	22.3	22.7	23.2	24.4
	8H	22.7	23.2	23.7	24.2	25.4	21.8	22.3	22.7	23.2	24.5
	12H	22.7	23.2	23.7	24.2	25.4	21.8	22.2	22.7	23.2	24.4
8H	4H	22.2	22.7	23.2	23.7	24.9	21.5	22.0	22.5	23.0	24.3
	6H	22.8	23.2	23.8	24.2	25.5	22.0	22.4	23.0	23.4	24.7
	8H	23.0	23.3	24.0	24.3	25.6	22.1	22.5	23.1	23.5	24.8
	12H	23.0	23.3	24.1	24.4	25.7	22.1	22.4	23.1	23.4	24.8
12H	4H	22.2	22.6	23.2	23.6	24.9	21.5	22.0	22.5	22.9	24.2
	6H	22.8	23.1	23.8	24.1	25.4	22.0	22.4	23.0	23.4	24.6
	8H	23.0	23.3	24.0	24.3	25.6	22.1	22.4	23.2	23.5	24.8
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, 11387 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 8.5$)
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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

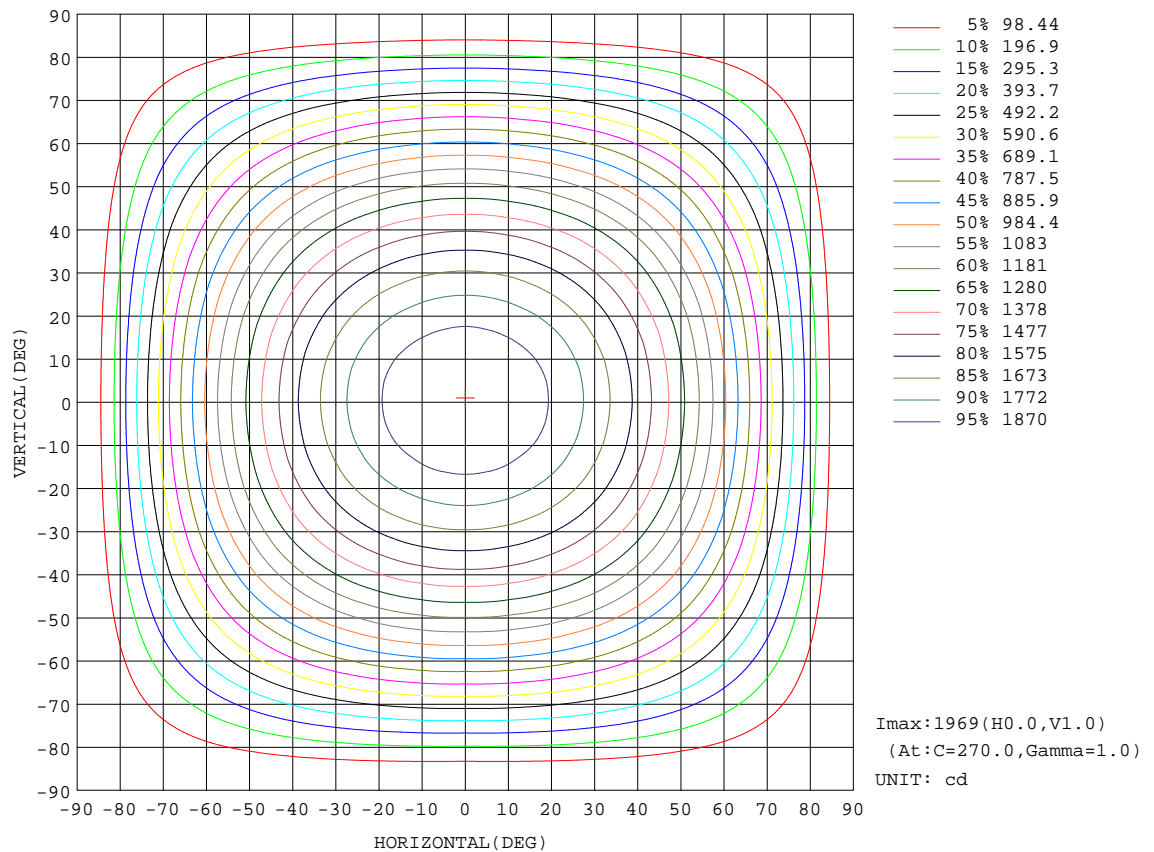
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	26	42	31	26	37	29	24	16
0.80	53	42	35	50	40	33	44	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	82	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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:



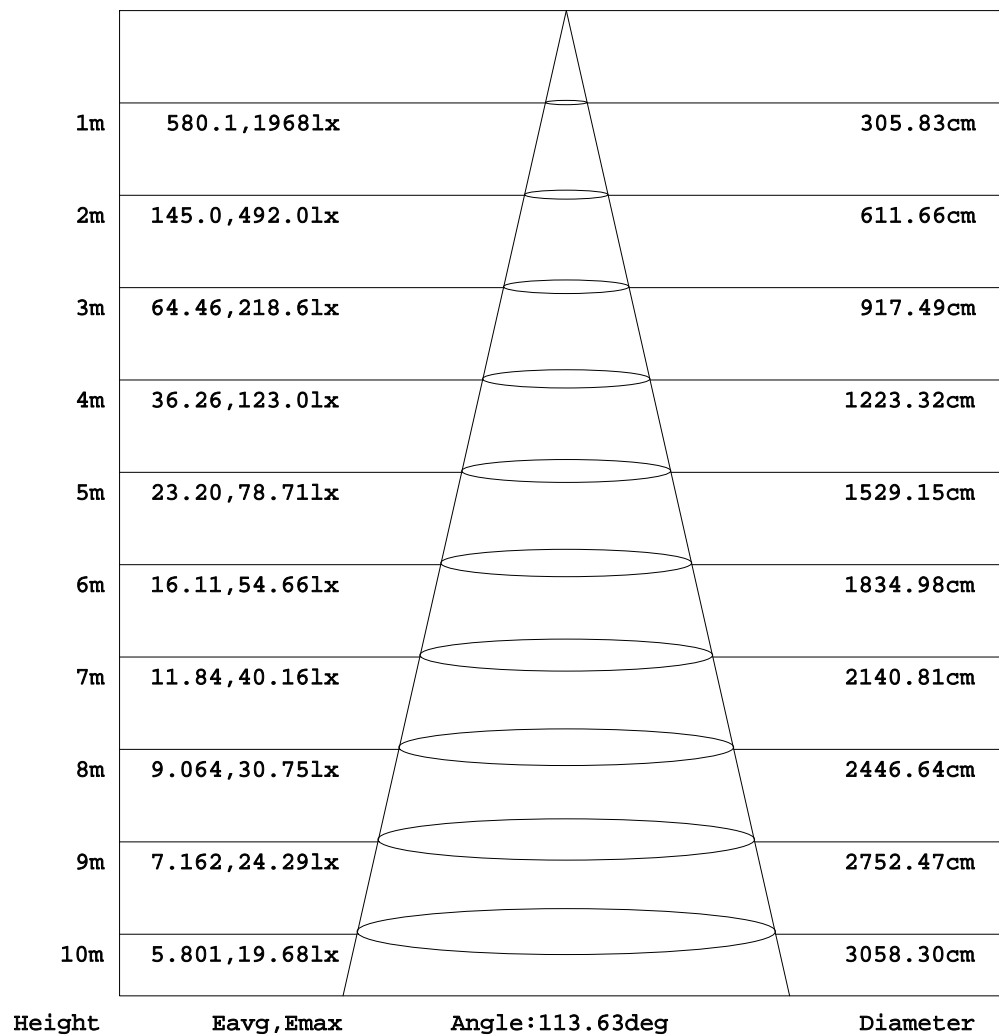
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 25 June 2023

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:

AAI Figure

Test:U:120.00V I:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

Flux out:4321 lm



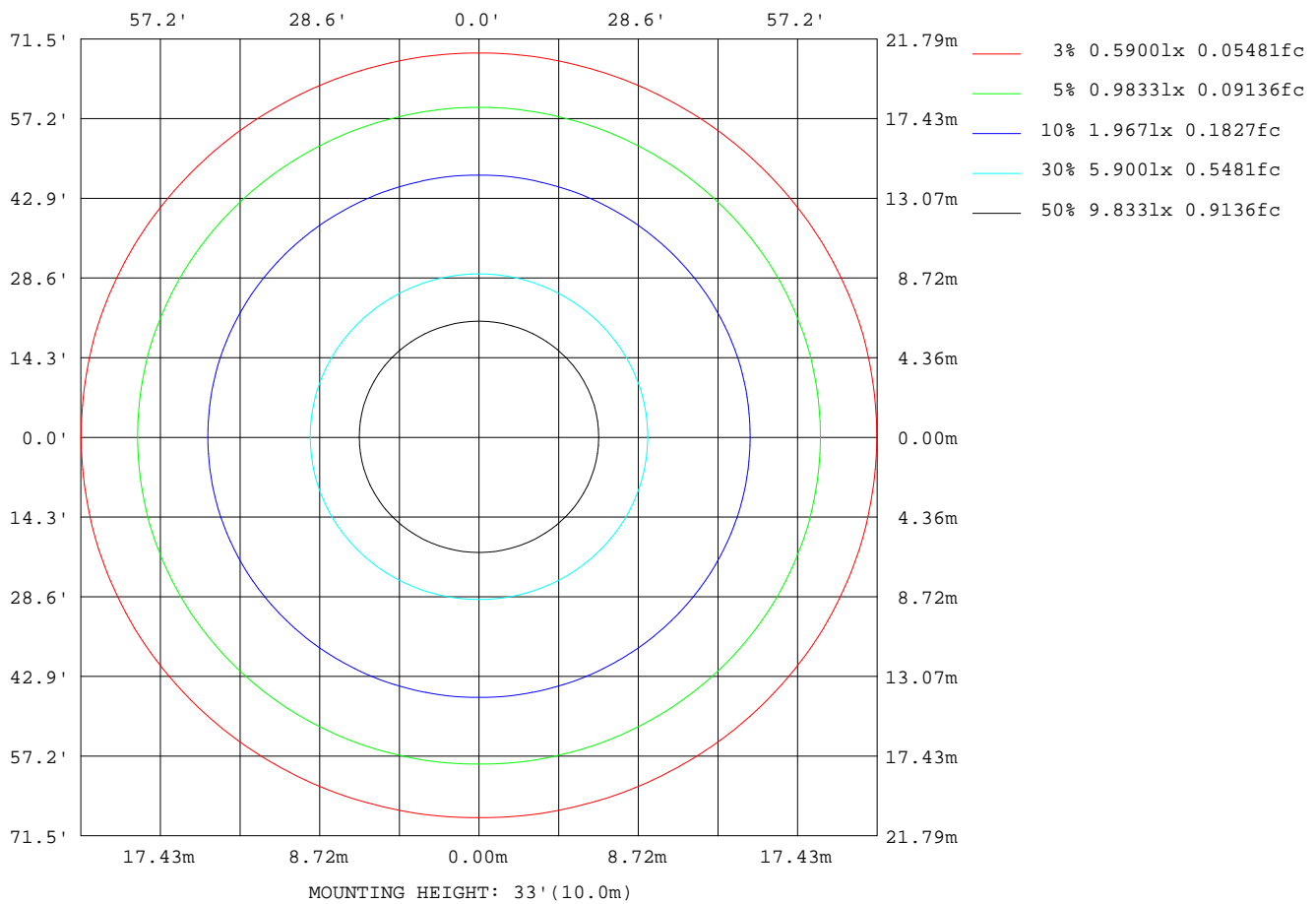
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 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:

LED Avg.L Report

Test:U:120.00V I:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED	ESUR.:	Shielding Angle:

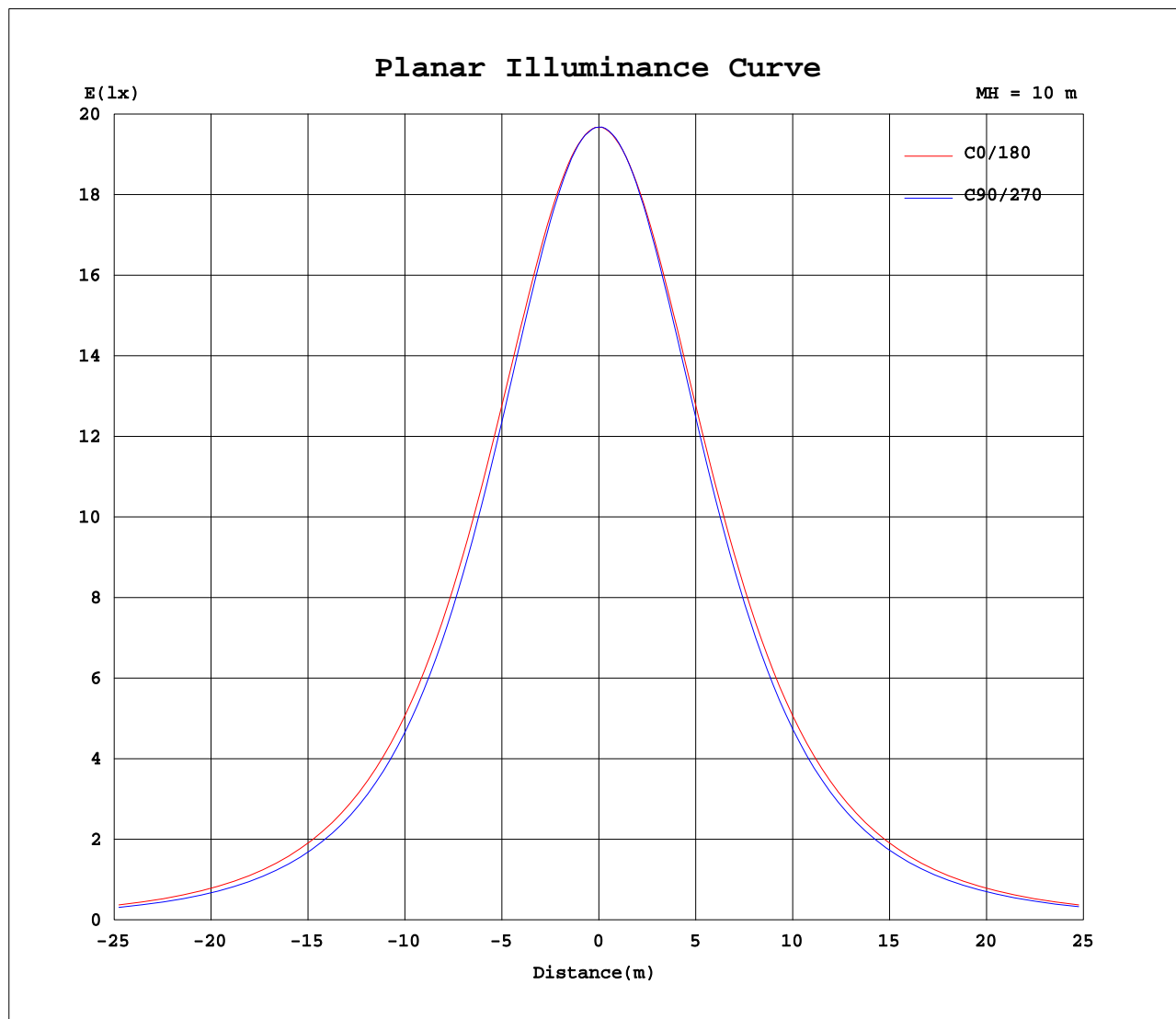
AvgL	cd/m2
L_0~180(65)av	14692
L_0~180(75)av	12829
L_0~180(85)av	7256
L_90~270(65)av	12762
L_90~270(75)av	10680
L_90~270(85)av	5777
L_45(65)av	13676
L_45(75)av	11710
L_45(85)av	6607

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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm																			
NAME:										TYPE:LED					WEIGHT:				
SPEC.:										DIM.:					SERIAL No.:				
MFR.: WISDOM OPTPELECTRONICS TECHNOLOGY CO.,LIMITED										ESUR.:					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	1967	1967	1968	1966	1967	1968	1968	1968	1967	1966	1968	1967	1967	1965	1967	1967	1967	1968	1968
5	1960	1960	1961	1960	1959	1959	1959	1959	1959	1960	1961	1960	1960	1962	1962	1962	1961	1962	1963
10	1940	1939	1939	1935	1933	1932	1932	1932	1933	1935	1939	1939	1940	1942	1942	1941	1937	1939	1938
15	1910	1906	1903	1898	1893	1890	1889	1890	1893	1898	1903	1906	1910	1908	1908	1904	1900	1897	1897
20	1863	1860	1855	1845	1836	1832	1829	1832	1836	1845	1855	1860	1863	1864	1859	1853	1846	1841	1841
25	1805	1801	1793	1778	1766	1757	1755	1757	1766	1778	1793	1801	1805	1806	1798	1786	1775	1770	1768
30	1734	1728	1716	1698	1681	1670	1665	1670	1681	1698	1716	1728	1734	1733	1723	1707	1694	1683	1682
35	1648	1641	1626	1604	1583	1567	1563	1567	1583	1604	1626	1641	1648	1647	1633	1614	1595	1584	1580
40	1548	1540	1522	1495	1470	1453	1446	1453	1470	1495	1522	1540	1548	1546	1530	1505	1484	1471	1467
45	1434	1425	1405	1374	1346	1326	1317	1326	1346	1374	1405	1425	1434	1431	1411	1385	1361	1345	1340
50	1304	1295	1272	1240	1209	1187	1178	1187	1209	1240	1272	1295	1304	1301	1279	1251	1224	1207	1203
55	1159	1149	1125	1091	1060	1037	1028	1037	1060	1091	1125	1149	1159	1156	1133	1103	1076	1059	1055
60	998	989	965	932	902	879	868	879	902	932	965	989	998	996	972	943	917	901	896
65	823	815	793	762	732	711	701	711	732	762	793	815	823	821	798	771	748	733	729
70	635	629	609	582	557	537	527	537	557	582	609	629	635	633	614	591	570	559	557
75	440	435	420	399	378	362	353	362	378	399	420	435	440	439	423	404	390	380	380
80	247	245	236	223	208	197	189	197	208	223	236	245	247	247	237	226	217	213	213
85	83.8	84.0	81.3	75.7	69.1	63.2	58.7	63.2	69.1	75.7	81.3	84.0	83.8	84.7	81.2	76.9	74.2	73.8	74.8
90	7.61	4.33	8.80	3.95	3.26	2.76	2.50	2.76	3.26	3.95	8.80	4.33	7.61	4.77	5.12	5.61	5.69	5.63	5.90
95	84.7	90.5	85.8	74.4	64.3	63.8	62.8	63.8	64.3	74.4	85.8	90.5	84.7	78.3	68.6	52.1	38.8	32.7	30.1
100	238	241	233	221	209	200	197	200	209	221	233	241	238	228	211	192	173	158	150
105	413	414	402	387	372	363	359	363	372	387	402	414	413	399	378	355	333	317	309
110	591	591	576	559	543	531	527	531	543	559	576	591	591	575	550	524	500	483	475
115	763	762	746	727	709	696	692	696	709	727	746	762	763	746	720	691	666	648	639
120	926	924	907	887	869	855	851	855	869	887	907	924	926	907	882	853	827	808	800
125	1077	1075	1058	1037	1020	1006	1002	1006	1020	1037	1058	1075	1077	1060	1033	1005	979	961	953
130	1215	1213	1197	1177	1160	1147	1143	1147	1160	1177	1197	1213	1215	1199	1174	1146	1122	1105	1097
135	1340	1337	1323	1306	1289	1278	1274	1278	1289	1306	1323	1337	1340	1325	1301	1277	1255	1237	1231
140	1452	1450	1438	1422	1408	1397	1394	1397	1408	1422	1438	1450	1452	1438	1417	1395	1375	1360	1354
145	1550	1549	1539	1526	1513	1504	1501	1504	1513	1526	1539	1549	1550	1539	1521	1501	1483	1471	1466
150	1635	1636	1627	1617	1606	1599	1597	1599	1606	1617	1627	1636	1635	1627	1611	1594	1581	1569	1565
155	1708	1708	1702	1695	1686	1681	1679	1681	1686	1695	1702	1708	1708	1700	1688	1676	1664	1655	1652
160	1768	1768	1763	1758	1753	1749	1747	1749	1753	1758	1763	1768	1768	1762	1752	1742	1734	1728	1726
165	1813	1814	1812	1809	1806	1802	1802	1802	1806	1809	1812	1814	1813	1810	1803	1797	1789	1785	1785
170	1845	1846	1846	1845	1843	1840	1841	1840	1843	1845	1846	1846	1845	1843	1838	1836	1832	1829	1830
175	1866	1866	1866	1866	1866	1865	1866	1865	1866	1866	1866	1866	1866	1865	1863	1861	1859	1859	1859
180	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871	1871

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:0.7309A P:87.520W PF:0.9978 Freq:60.00Hz Lamp Flux:11386.8x1 lm					
NAME:			TYPE:LED		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: WISDOM OPTOELECTRONICS TECHNOLOGY CO.,LIMITED			SUR.:		Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1968	1967	1967	1967	1965														
5	1962	1961	1962	1962	1962														
10	1939	1937	1941	1942	1942														
15	1897	1900	1904	1908	1908														
20	1841	1846	1853	1859	1864														
25	1770	1775	1786	1798	1806														
30	1683	1694	1707	1723	1733														
35	1584	1595	1614	1633	1647														
40	1471	1484	1505	1530	1546														
45	1345	1361	1385	1411	1431														
50	1207	1224	1251	1279	1301														
55	1059	1076	1103	1133	1156														
60	901	917	943	972	996														
65	733	748	771	798	821														
70	559	570	591	614	633														
75	380	390	404	423	439														
80	213	217	226	237	247														
85	73.8	74.2	76.9	81.2	84.7														
90	5.63	5.69	5.61	5.12	4.77														
95	32.7	38.8	52.1	68.6	78.3														
100	158	173	192	211	228														
105	317	333	355	378	399														
110	483	500	524	550	575														
115	648	666	691	720	746														
120	808	827	853	882	907														
125	961	979	1005	1033	1060														
130	1105	1122	1146	1174	1199														
135	1237	1255	1277	1301	1325														
140	1360	1375	1395	1417	1438														
145	1471	1483	1501	1521	1539														
150	1569	1581	1594	1611	1627														
155	1655	1664	1676	1688	1700														
160	1728	1734	1742	1752	1762														
165	1785	1789	1797	1803	1810														
170	1829	1832	1836	1838	1843														
175	1859	1859	1861	1863	1865														
180	1871	1871	1871	1871	1871														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
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 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.00.416
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