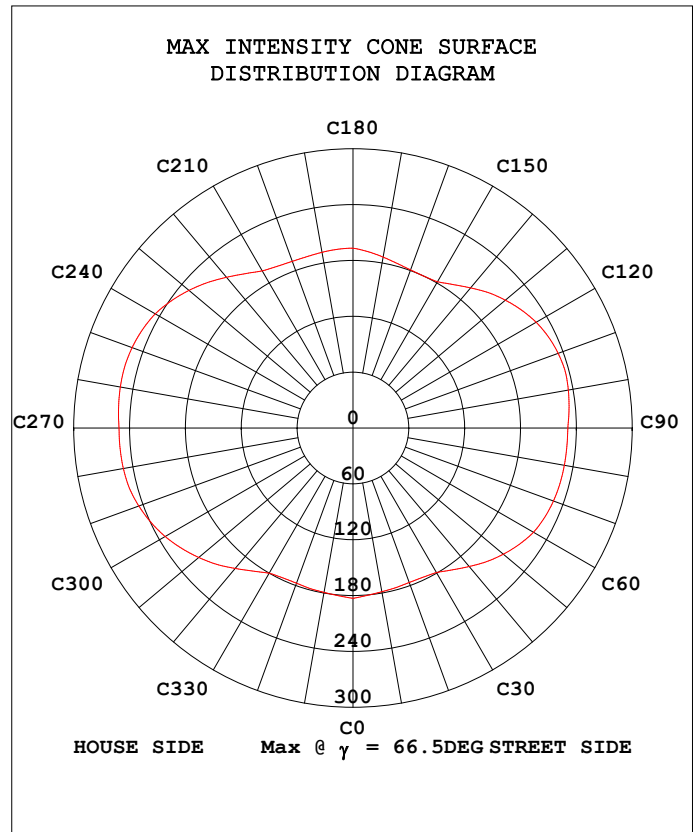
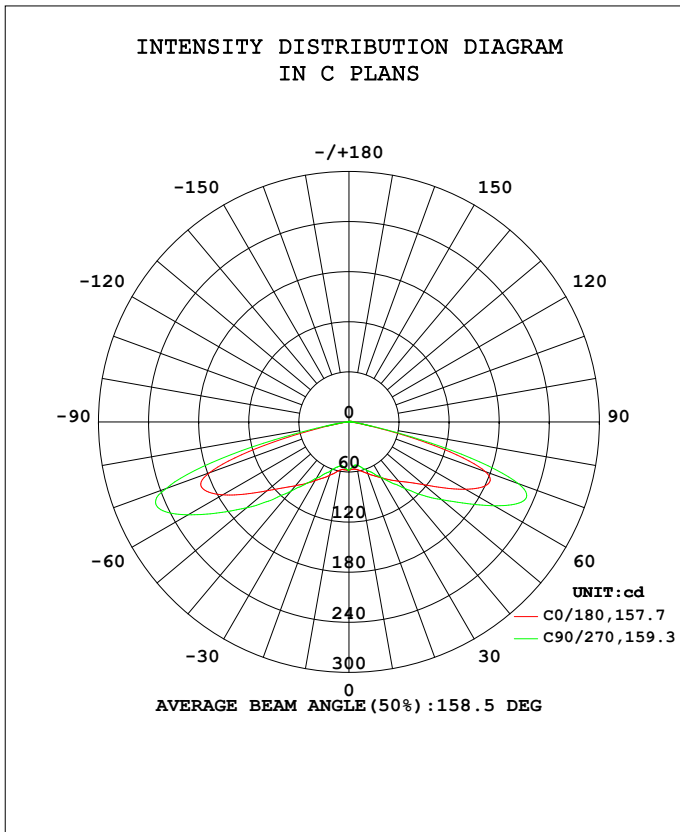


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.8V I:1.798A P:5.0W PF:0.978 Freq:50.00Hz Lamp Flux:659.934x1 lm		
NAME: SL30-005-4070-R01209-TA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA <span style="float: right;">Eff: 131.99 lm/W</span>			
MODEL	/	I <sub>max</sub> (cd)	254.0	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	48.6
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	659.9	η house_up (%)	0.0
NOMINAL FLUX (lm)	659.934	MAXIMUM @ (C, γ )	258,66.5	η house_down (%)	51.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



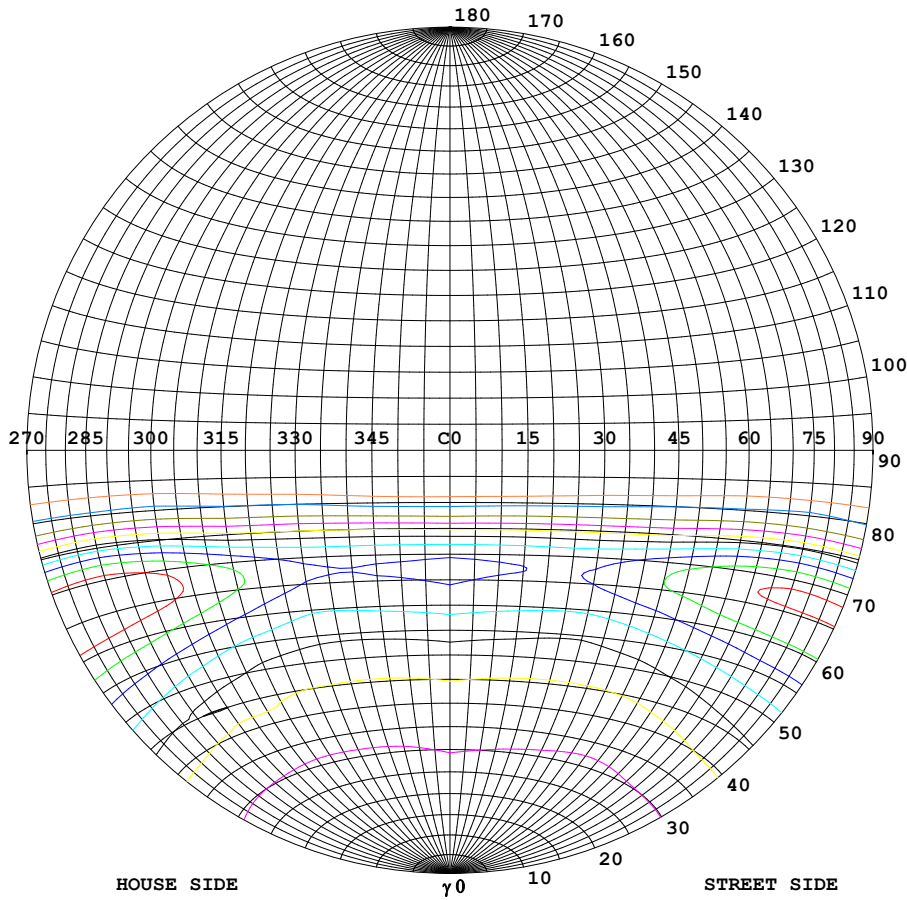
C Range: 0 - 360DEG  
C Interval: 2.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2022-12-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 9.432m [K=1.0000]  
Remarks:

Checker: LI

Assessor:

# STREETLIGHT ISOCANDELA DIAGRAM



**Classification:**

IES:Type IV - Very Short  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Semi-cut-off  
 Max.At80:46.99cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:46.99cd/klm  
 NRB 5101:Semi limited[13.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	254
90%	229
80%	203
70%	178
60%	152
50%	127
40%	102
30%	76
20%	51
10%	25
5%	13

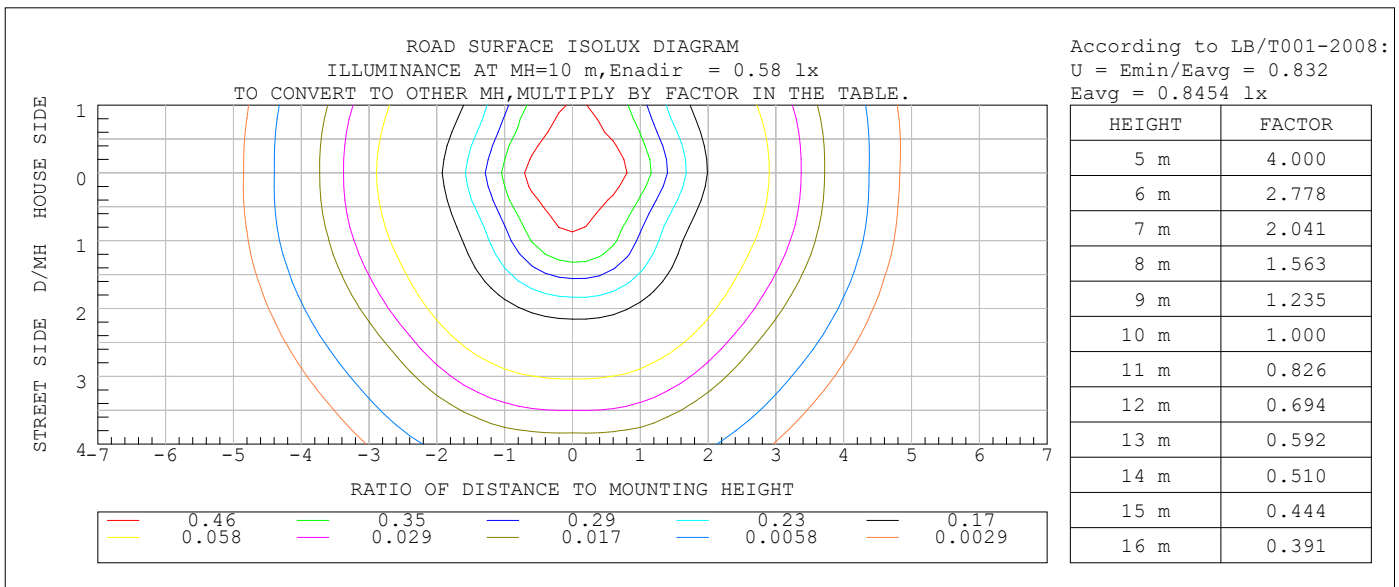
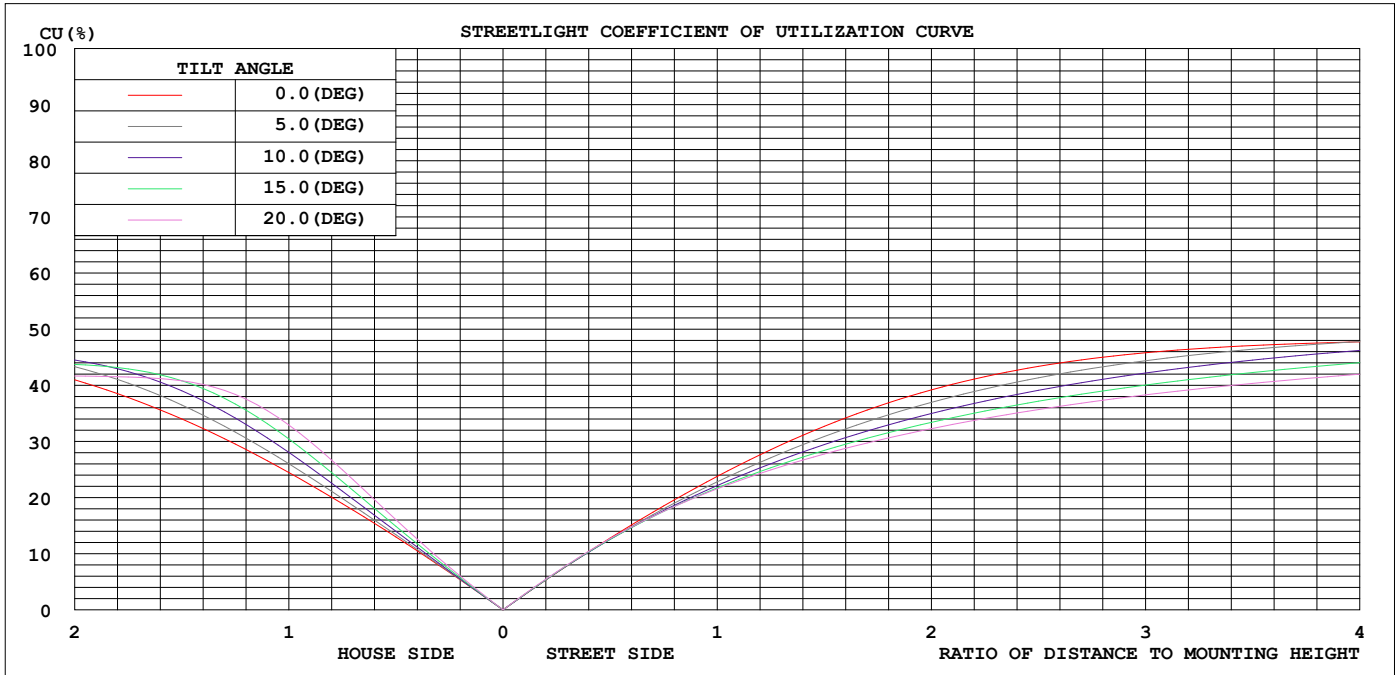
C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

## COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 2.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2022-12-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 9.432m [K=1.0000]  
Remarks:

Checker: LI

Assessor:

### ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	58.01	53.39	52.79	54.31	58.54	54.88	53.48	53.77	0- 10	5.269	5.269	0.80,0.80
20	65.78	61.15	61.34	61.63	68.11	63.72	61.62	60.43	10- 20	16.56	21.82	3.31,3.31
30	77.22	73.51	76.45	73.87	80.94	77.21	77.98	74.00	20- 30	32.18	54.00	8.18,8.18
40	92.67	90.90	104.2	91.39	99.89	98.25	108.3	91.81	30- 40	54.13	108.1	16.4,16.4
50	117.0	119.9	144.7	121.5	128.3	134.3	159.9	122.0	40- 50	87.52	195.7	29.6,29.6
60	161.3	170.9	200.8	176.9	174.6	194.4	222.4	175.0	50- 60	140.3	335.9	50.9,50.9
70	173.6	187.9	215.9	185.1	177.7	199.0	232.6	193.0	60- 70	200.8	536.8	81.3,81.3
80	18.79	25.17	24.13	24.08	18.31	26.36	27.58	25.93	70- 80	115.4	652.1	98.8,98.8
90	0	0	0	0	0	0	0	0	80- 90	7.792	659.9	100,100
100	0	0	0	0	0	0	0	0	90-100	0	659.9	100,100
110	0	0	0	0	0	0	0	0	100-110	0	659.9	100,100
120	0	0	0	0	0	0	0	0	110-120	0	659.9	100,100
130	0	0	0	0	0	0	0	0	120-130	0	659.9	100,100
140	0	0	0	0	0	0	0	0	130-140	0	659.9	100,100
150	0	0	0	0	0	0	0	0	140-150	0	659.9	100,100
160	0	0	0	0	0	0	0	0	150-160	0	659.9	100,100
170	0	0	0	0	0	0	0	0	160-170	0	659.9	100,100
180	0	0	0	0	0	0	0	0	170-180	0	659.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

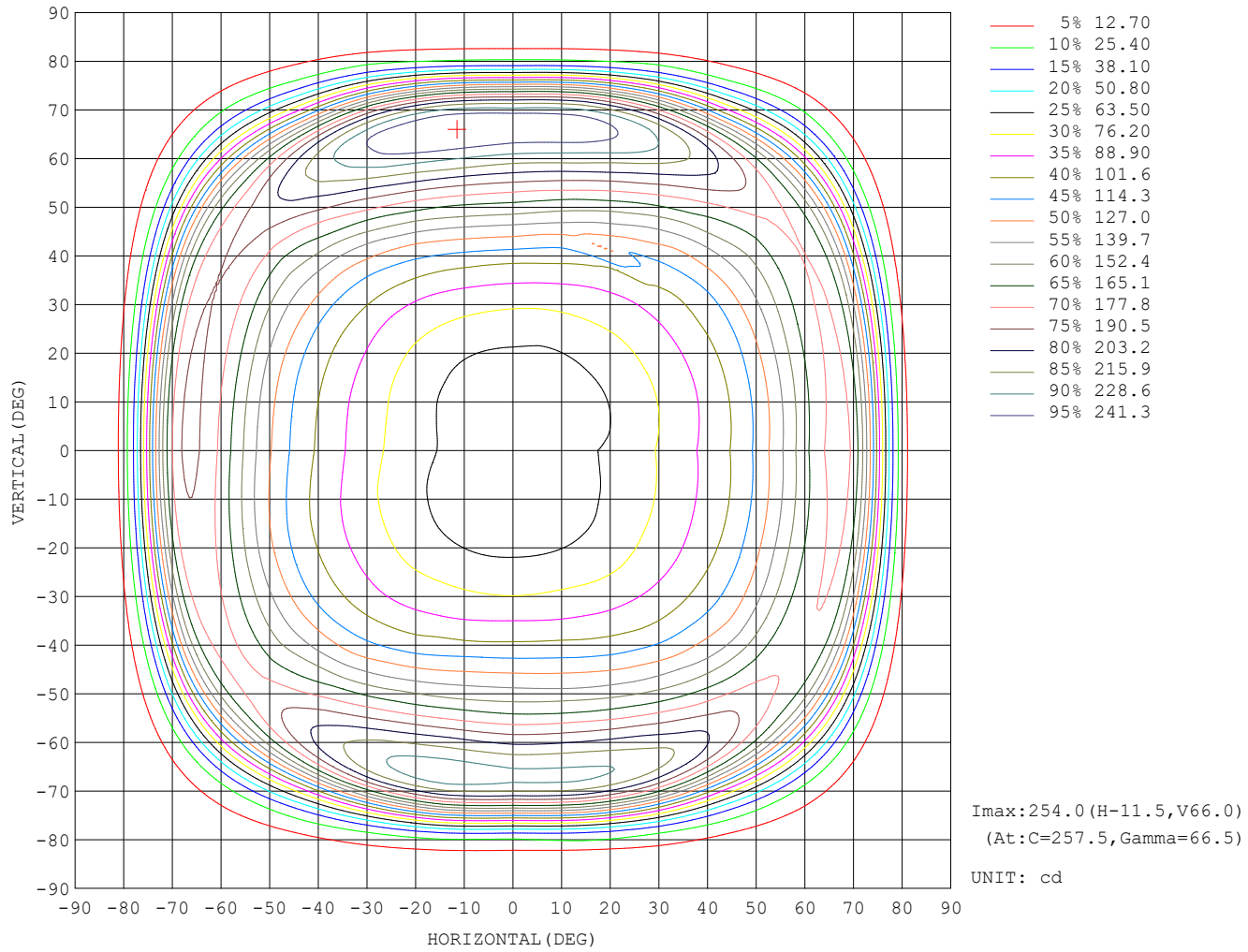
C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

# ISOCANDELA DIAGRAM



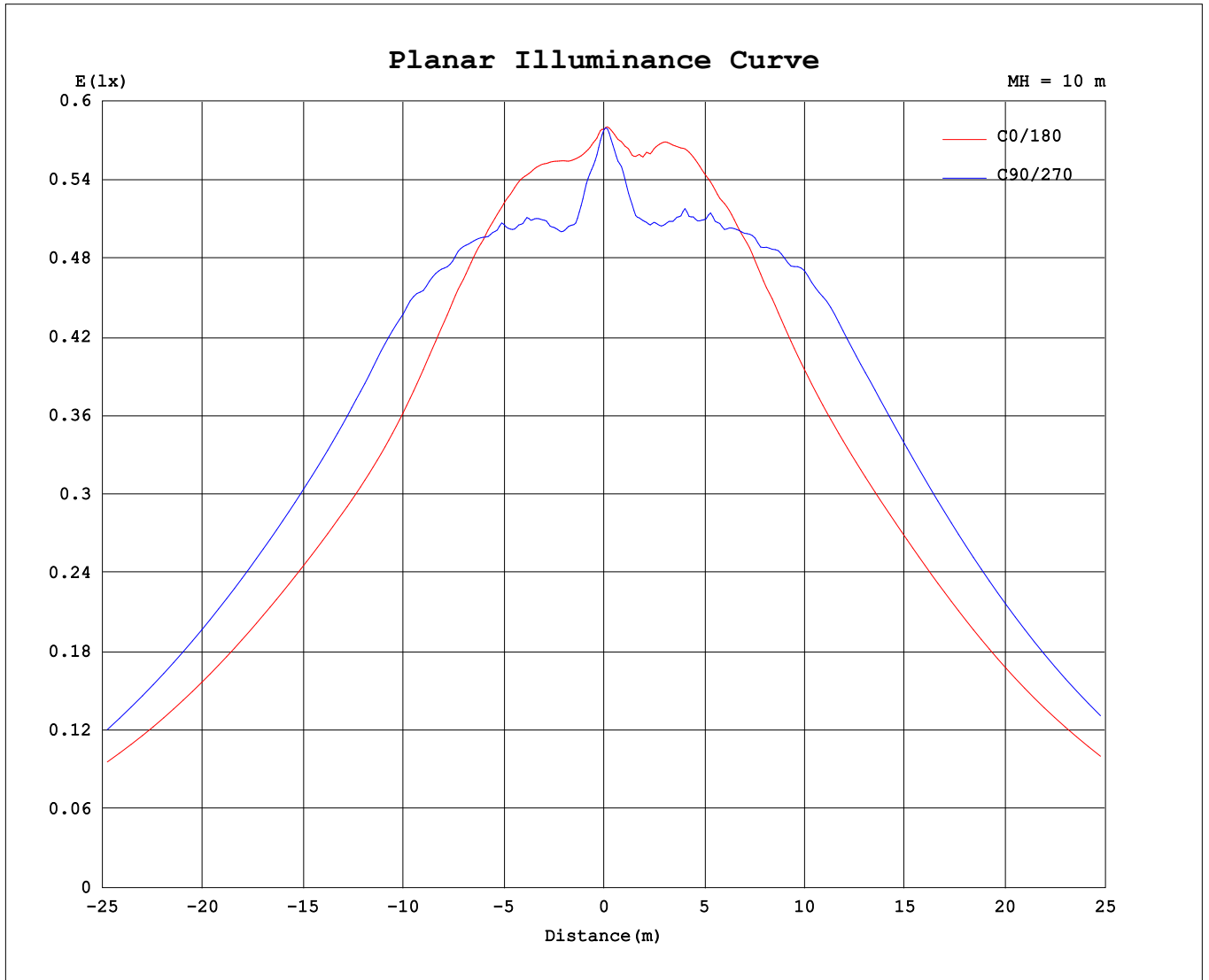
C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 2.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: LYJ  
Test Date: 2022-12-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 9.432m [K=1.0000]  
Remarks:

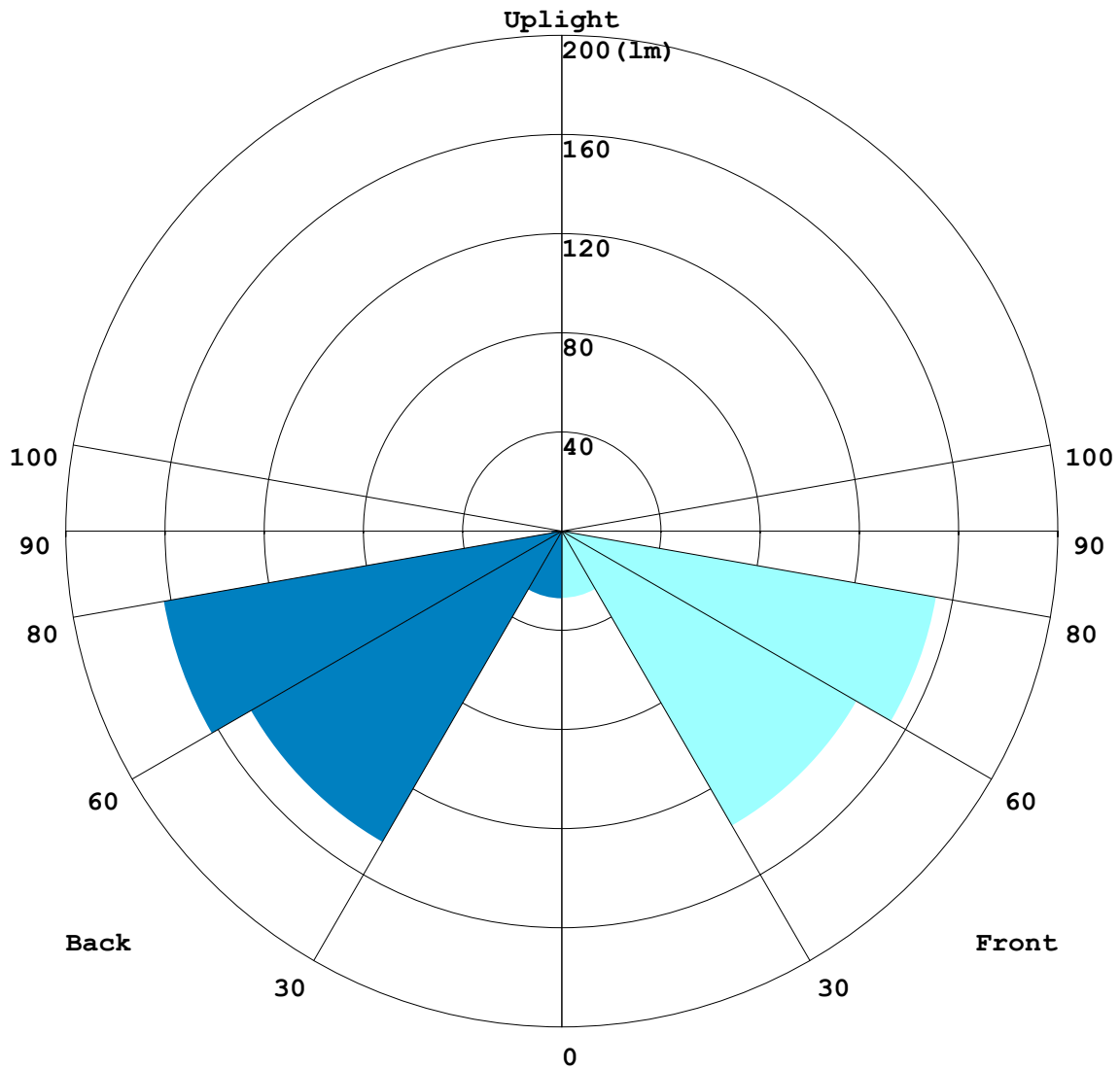
Checker: LI

Assessor:

## LCS REPORT

Test:U:2.8V I:1.798A P:5.0W PF:0.978 Freq:50.00Hz		
Lamp Flux:659.934x1 lm		
NAME: SL30-005-4070-R01209-TA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

### LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

Checker: LI

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Assessor:

## BUG REPORT

Test:U:2.8V I:1.798A P:5.0W PF:0.978 Freq:50.00Hz Lamp Flux:659.934x1 lm		
NAME: SL30-005-4070-R01209-TA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	26.886	4.1
FM - Front-Medium(30-60)	137.17	20.8
FH - Front-High(60-80)	153.22	23.2
FVH - Front-Very High(80-90)	3.6616	0.6
<b>Total Forward Light</b>	<b>320.95</b>	<b>48.6</b>

BL - Back-Low(0-30)	27.117	4.1
BM - Back-Medium(30-60)	144.75	21.9
BH - Back-High(60-80)	162.99	24.7
BVH - Back-Very High(80-90)	4.1301	0.6
<b>Total Back Light</b>	<b>338.99</b>	<b>51.4</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

BUG(Back,Up,Glare) Rating	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	338.99	0	338.99
Street Side	320.95	0	320.95

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

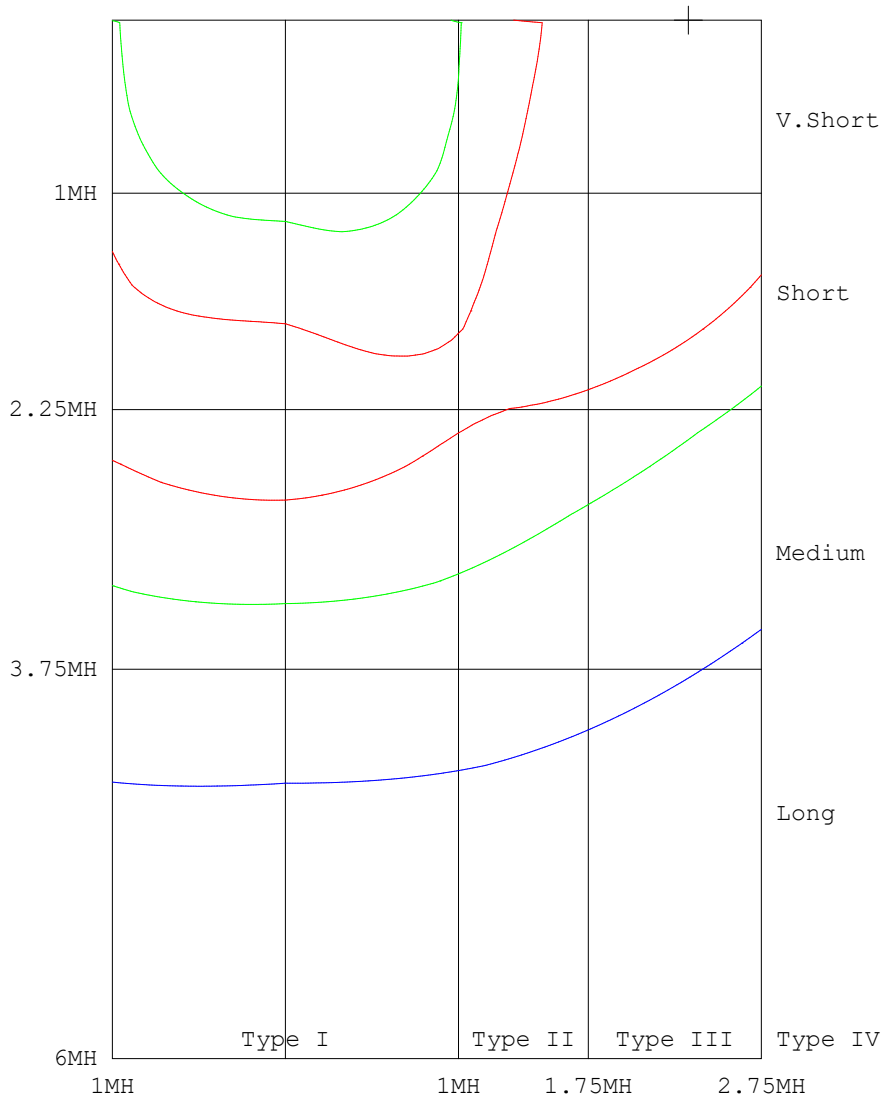
Assessor:



## ROAD ISOCANDELA REPORT

Test:U:2.8V I:1.798A P:5.0W PF:0.978 Freq:50.00Hz Lamp Flux:659.934x1 lm		
NAME: SL30-005-4070-R01209-TA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



<p>C Range: 0 - 360DEG          C Interval: 2.5DEG          Test Speed: HIGH          Temperature:25.3°C          Operators:LYJ          Test Date:2022-12-26</p>	<p>Pavement: 76.01          Road: 176.01          Range: 50029.180DEG          Interval: 0.5DEG          Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295          Humidity:65.0%          Test Distance:9.432m [K=1.0000]          Remarks:          Assessor:</p>
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Checker: LI

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	56.8	56.7	56.6	56.5	56.3	56.2	56.1	56.0	55.9	55.8	55.7	55.6	55.5	55.4	55.3	55.2	55.1	55.0	54.9
10	58.0	57.9	57.8	57.6	57.5	57.3	57.1	56.9	56.6	56.4	56.1	55.8	55.5	55.2	54.8	54.4	54.1	53.7	53.4
15	61.4	61.3	61.1	60.9	60.8	60.5	60.3	60.1	59.8	59.5	59.2	58.9	58.6	58.2	57.9	57.5	57.2	56.9	56.6
20	65.8	65.7	65.5	65.3	65.2	65.0	64.7	64.5	64.2	64.0	63.7	63.4	63.1	62.7	62.4	62.0	61.7	61.4	61.1
25	71.0	70.9	70.7	70.6	70.4	70.2	69.9	69.7	69.4	69.1	68.8	68.5	68.2	68.0	67.8	67.6	67.4	67.2	67.1
30	77.2	76.9	76.7	76.4	76.2	75.9	75.7	75.5	75.3	75.0	74.8	74.6	74.4	74.2	74.0	73.8	73.7	73.6	73.5
35	84.4	84.1	83.7	83.4	83.1	82.8	82.6	82.3	82.1	81.9	81.8	81.6	81.4	81.2	81.0	80.8	80.7	80.6	80.6
40	92.7	92.3	92.0	91.7	91.4	91.1	90.8	90.5	90.2	90.0	89.7	89.6	89.5	89.5	89.6	89.8	90.1	90.5	90.9
45	103	102	102	101	101	101	100	99.9	99.7	99.5	99.4	99.4	99.5	99.7	100.0	100	101	102	102
50	117	116	116	115	115	114	114	114	113	113	113	113	113	114	115	116	117	118	120
55	137	137	136	135	135	134	133	132	132	131	130	130	130	132	133	135	137	140	142
60	161	160	159	158	157	157	156	156	155	155	155	155	156	158	160	162	165	168	171
65	181	179	178	177	176	175	175	174	174	175	175	176	178	181	184	188	192	196	200
70	174	173	172	172	171	170	170	169	168	167	167	167	168	170	173	176	180	184	188
75	96.3	96.6	96.9	97.1	97.2	97.2	97.2	96.9	96.7	96.4	96.1	95.9	95.7	95.6	95.6	95.9	96.4	97.2	98.5
80	18.8	19.4	20.0	20.5	20.9	21.3	21.6	21.6	21.6	21.6	21.6	21.7	21.8	22.3	22.8	23.4	24.0	24.6	25.2
85	2.36	2.40	2.46	2.53	2.60	2.69	2.79	2.91	3.04	3.18	3.31	3.45	3.58	3.67	3.76	3.85	3.94	4.03	4.12
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	47.5	50	52.5	55	57.5	60	62.5	65	67.5	70	72.5	75	77.5	80	82.5	85	87.5	90	92.5
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	54.8	54.7	54.6	54.6	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.5	54.5	54.4	54.4	54.3	54.3	54.3
10	53.1	52.9	52.6	52.5	52.3	52.2	52.2	52.2	52.3	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8
15	56.3	56.1	55.8	55.6	55.5	55.4	55.4	55.4	55.5	55.6	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.0	55.9
20	61.0	60.8	60.7	60.6	60.6	60.6	60.6	60.7	60.7	60.8	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3
25	67.0	66.9	66.9	66.8	66.8	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
30	73.6	73.8	74.0	74.2	74.5	74.8	75.1	75.3	75.6	75.9	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
35	81.0	81.4	81.9	82.5	83.1	83.7	84.3	84.9	85.5	86.1	86.7	87.2	87.6	88.1	88.4	88.7	88.9	89.0	88.8
40	91.5	92.1	92.8	93.6	94.5	95.4	96.4	97.5	98.6	99.7	101	102	102	103	103	104	104	104	104
45	104	105	106	108	109	111	113	114	116	117	119	120	121	122	123	123	124	124	124
50	122	124	126	128	130	132	133	135	136	138	139	140	141	142	143	144	144	145	145
55	145	147	149	152	154	156	158	160	162	163	165	166	167	168	169	169	170	170	170
60	174	177	180	183	186	189	191	193	195	196	197	198	199	200	200	200	201	201	202
65	203	207	210	213	215	218	220	222	223	224	225	226	227	227	227	227	227	227	228
70	192	196	200	203	207	210	212	215	216	218	219	219	219	219	218	217	216	216	217
75	101	104	108	111	114	117	119	121	122	123	123	123	122	120	119	117	116	115	116
80	25.6	25.9	26.2	26.5	26.8	27.1	27.7	28.2	28.7	29.1	29.3	29.3	28.6	27.7	26.7	25.7	24.9	24.1	24.3
85	4.25	4.37	4.50	4.63	4.75	4.87	4.97	5.07	5.15	5.22	5.28	5.32	5.30	5.26	5.21	5.17	5.12	5.09	5.14
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

C (DEG) γ (DEG)	95	97.5	100	102.5	105	107.5	110	112.5	115	117.5	120	122.5	125	127.5	130	132.5	135	137.5	140	
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	54.3	54.3	54.4	54.4	54.5	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.6	55.6	55.6
10	52.8	52.8	52.7	52.7	52.7	52.6	52.6	52.5	52.5	52.5	52.6	52.8	53.1	53.3	53.7	54.0	54.3	54.6	54.8	54.8
15	55.9	55.8	55.8	55.7	55.7	55.6	55.6	55.6	55.6	55.6	55.7	55.8	56.0	56.1	56.3	56.6	56.8	57.1	57.4	57.4
20	61.1	61.0	60.9	60.8	60.7	60.7	60.7	60.7	60.7	60.8	60.9	61.0	61.0	61.2	61.3	61.5	61.6	61.8	62.1	62.1
25	67.5	67.5	67.5	67.5	67.5	67.4	67.3	67.2	67.1	67.0	67.0	67.0	67.0	67.1	67.2	67.3	67.4	67.6	67.8	67.8
30	76.4	76.4	76.4	76.3	76.2	76.1	76.0	75.8	75.6	75.4	75.2	74.9	74.6	74.3	74.1	74.0	73.9	74.0	74.2	74.2
35	88.6	88.3	87.9	87.5	87.0	86.4	85.8	85.2	84.6	84.1	83.5	83.0	82.5	82.1	81.8	81.6	81.4	81.5	81.6	81.6
40	104	103	103	102	101	100	99.7	98.8	97.9	97.0	96.1	95.2	94.2	93.4	92.6	91.9	91.4	91.2	91.2	91.2
45	124	123	123	122	121	120	118	117	115	113	112	110	109	107	106	105	104	103	103	103
50	145	145	144	144	143	142	141	140	138	137	135	133	130	128	126	124	122	120	119	119
55	171	171	171	171	171	170	169	167	166	164	162	160	157	155	152	149	147	144	142	142
60	202	203	204	204	204	203	202	201	199	198	195	193	190	187	184	180	177	173	169	169
65	229	230	231	231	232	232	231	230	229	227	225	222	219	215	211	207	203	199	194	194
70	218	219	220	221	222	221	220	218	216	213	210	206	202	198	194	189	185	181	178	178
75	117	119	121	122	123	122	121	119	116	114	111	108	105	102	99.1	96.5	94.1	93.0	92.2	92.2
80	24.7	25.2	25.8	26.3	26.8	26.8	26.7	26.5	26.3	26.0	25.7	25.5	25.3	25.0	24.7	24.4	24.1	23.5	23.0	23.0
85	5.20	5.27	5.33	5.38	5.42	5.38	5.32	5.25	5.17	5.07	4.97	4.88	4.79	4.69	4.60	4.50	4.41	4.33	4.25	4.25
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	142.5	145	147.5	150	152.5	155	157.5	160	162.5	165	167.5	170	172.5	175	177.5	180	182.5	185	187.5
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	55.6	55.6	55.6	55.6	55.8	55.9	56.1	56.3	56.5	56.7	56.9	57.1	57.2	57.3	57.4	57.5	57.6	57.6	57.7
10	55.1	55.3	55.6	55.8	56.0	56.3	56.5	56.7	57.0	57.2	57.5	57.7	58.0	58.2	58.4	58.5	58.6	58.5	58.4
15	57.7	58.1	58.4	58.8	59.1	59.4	59.8	60.1	60.5	60.8	61.2	61.6	62.0	62.3	62.6	62.8	62.9	62.9	62.8
20	62.3	62.6	62.9	63.2	63.6	63.9	64.3	64.7	65.1	65.5	66.0	66.5	67.0	67.4	67.8	68.1	68.2	68.2	68.1
25	68.0	68.3	68.5	68.8	69.2	69.5	69.9	70.4	70.8	71.2	71.8	72.4	72.9	73.4	73.9	74.3	74.3	74.3	74.2
30	74.5	74.8	75.2	75.6	75.9	76.2	76.6	76.9	77.3	77.7	78.3	78.9	79.5	80.0	80.5	80.9	81.1	81.1	81.0
35	81.9	82.2	82.5	82.9	83.3	83.7	84.1	84.6	85.1	85.7	86.5	87.3	88.1	88.8	89.5	90.0	90.1	90.0	89.9
40	91.2	91.4	91.6	91.9	92.2	92.5	92.8	93.2	93.7	94.3	95.2	96.3	97.3	98.3	99.2	99.9	100.0	99.8	99.6
45	103	103	103	103	103	103	103	104	104	105	106	107	109	110	111	112	112	112	112
50	118	117	117	116	116	117	117	118	119	120	121	123	124	126	127	128	129	129	128
55	140	139	137	136	136	136	137	137	138	140	142	143	145	147	149	150	151	151	150
60	165	162	159	157	157	157	158	160	161	163	165	167	169	171	173	175	175	175	175
65	190	186	182	179	178	177	178	178	179	181	183	184	186	188	190	192	192	191	191
70	175	172	170	168	168	168	169	170	171	172	173	174	175	176	177	178	178	178	178
75	91.7	91.6	91.7	92.0	92.5	93.1	93.8	94.5	95.2	95.8	95.6	95.4	95.1	94.9	94.7	94.7	95.4	96.4	97.3
80	22.4	21.9	21.4	20.9	20.8	20.7	20.6	20.5	20.4	20.3	19.9	19.5	19.1	18.8	18.5	18.3	18.5	18.8	19.2
85	4.18	4.10	4.02	3.93	3.80	3.67	3.54	3.41	3.29	3.18	3.11	3.06	3.02	3.00	3.01	3.03	3.09	3.16	3.26
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--5

UNIT: cd

C (DEG) \ γ (DEG)	190	192.5	195	197.5	200	202.5	205	207.5	210	212.5	215	217.5	220	222.5	225	227.5	230	232.5	235
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	57.7	57.6	57.6	57.5	57.4	57.3	57.2	57.0	56.9	56.8	56.7	56.5	56.4	56.3	56.2	56.1	56.0	55.9	55.8
10	58.3	58.2	58.0	57.8	57.6	57.4	57.1	56.8	56.6	56.3	56.0	55.8	55.5	55.2	54.9	54.5	54.2	53.8	53.5
15	62.7	62.6	62.4	62.2	61.9	61.7	61.4	61.0	60.7	60.3	59.8	59.4	59.0	58.5	58.1	57.7	57.3	57.0	56.6
20	68.0	67.8	67.5	67.3	66.9	66.6	66.3	65.9	65.5	65.2	64.9	64.6	64.3	64.0	63.7	63.4	63.1	62.8	62.6
25	74.1	73.9	73.6	73.3	73.0	72.6	72.3	71.9	71.5	71.2	70.9	70.7	70.4	70.1	69.9	69.6	69.4	69.2	69.0
30	80.9	80.7	80.5	80.3	80.0	79.7	79.4	79.1	78.8	78.4	78.1	77.9	77.6	77.4	77.2	77.2	77.1	77.2	77.2
35	89.6	89.3	88.9	88.7	88.4	88.1	87.9	87.6	87.3	87.0	86.7	86.4	86.2	86.0	85.9	86.0	86.2	86.4	86.7
40	99.3	98.9	98.5	98.4	98.2	98.1	98.0	97.9	97.9	97.8	97.7	97.8	97.9	98.0	98.2	98.7	99.3	99.9	101
45	111	111	111	111	111	111	111	111	111	111	111	112	112	112	113	114	115	117	118
50	128	128	127	127	127	127	128	128	128	129	130	131	132	133	134	136	138	141	143
55	150	150	149	149	148	148	148	148	149	151	153	155	158	161	164	167	170	173	176
60	174	174	173	173	172	172	172	172	173	176	179	182	186	190	194	198	202	206	209
65	190	190	189	189	190	190	191	193	194	198	201	206	210	214	219	223	228	232	236
70	178	177	177	176	175	175	175	175	176	179	182	186	190	194	199	204	208	213	218
75	98.3	99.2	100	100	99.9	99.7	99.5	99.4	99.3	99.3	99.4	99.9	101	102	104	107	112	116	120
80	19.6	20.2	20.8	21.6	22.4	23.2	24.0	24.8	25.4	25.6	25.8	25.9	26.0	26.1	26.4	27.1	28.0	28.9	29.7
85	3.37	3.50	3.65	3.84	4.05	4.26	4.46	4.67	4.86	4.97	5.06	5.16	5.24	5.34	5.44	5.62	5.81	6.01	6.19
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Table--6

UNIT: cd

C (DEG) \ γ (DEG)	237.5	240	242.5	245	247.5	250	252.5	255	257.5	260	262.5	265	267.5	270	272.5	275	277.5	280	282.5
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	55.7	55.6	55.5	55.5	55.4	55.3	55.3	55.2	55.3	55.4	55.4	55.5	55.6	55.6	55.6	55.5	55.5	55.5	55.4
10	53.3	53.0	52.9	52.9	52.9	52.9	52.9	53.0	53.1	53.2	53.3	53.4	53.4	53.5	53.4	53.4	53.3	53.2	53.1
15	56.4	56.2	56.2	56.2	56.3	56.4	56.5	56.7	56.6	56.6	56.5	56.4	56.3	56.1	55.9	55.8	55.5	55.3	55.2
20	62.3	62.2	62.1	62.2	62.2	62.3	62.4	62.4	62.3	62.2	62.1	62.0	61.8	61.6	61.4	61.1	60.9	60.6	60.4
25	68.9	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.3	69.1	68.9	68.7	68.5	68.3	68.3	68.3	68.2	68.2	68.2
30	77.3	77.5	77.6	77.8	78.0	78.2	78.3	78.4	78.5	78.4	78.4	78.3	78.1	78.0	77.8	77.6	77.4	77.2	77.0
35	87.0	87.4	87.8	88.3	88.8	89.3	89.8	90.2	90.5	90.7	90.8	90.9	90.9	90.8	90.5	90.2	89.8	89.3	88.7
40	101	102	103	104	105	105	106	107	107	108	108	108	108	108	108	107	106	106	105
45	119	121	123	124	126	127	129	130	131	132	133	133	133	133	132	131	129	128	126
50	145	148	150	152	154	155	157	158	159	160	160	160	160	160	159	158	156	155	153
55	178	181	183	184	186	187	188	189	190	190	190	190	190	190	189	188	187	185	183
60	212	215	218	220	221	223	224	224	225	225	224	224	223	222	222	221	220	219	218
65	240	243	245	247	249	250	251	252	252	251	251	250	249	249	248	248	248	247	246
70	222	226	229	232	234	235	237	237	237	236	235	234	233	233	233	234	235	236	237
75	125	128	131	133	134	135	136	137	136	136	135	134	134	133	134	136	137	139	140
80	30.4	31.0	31.0	30.8	30.6	30.2	29.8	29.3	28.9	28.5	28.2	27.9	27.7	27.6	27.8	28.1	28.5	28.9	29.3
85	6.36	6.50	6.55	6.58	6.58	6.57	6.55	6.51	6.49	6.46	6.43	6.41	6.38	6.36	6.38	6.39	6.41	6.42	6.43
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--7

UNIT: cd

C (DEG) \ γ (DEG)	285	287.5	290	292.5	295	297.5	300	302.5	305	307.5	310	312.5	315	317.5	320	322.5	325	327.5	330
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	55.9	55.9	55.8	55.8	55.7	55.6	55.6	55.6
10	53.0	53.0	52.9	52.8	52.8	52.8	52.8	52.9	53.1	53.2	53.4	53.6	53.8	53.9	53.9	54.0	54.0	54.1	54.2
15	55.0	54.9	54.8	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.1	55.2	55.4	55.6	55.8	56.0	56.2	56.5
20	60.2	60.1	60.0	59.9	59.8	59.8	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.8	60.9	61.0	61.2
25	68.2	68.0	67.8	67.6	67.4	67.2	67.0	67.0	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4
30	76.7	76.5	76.2	76.0	75.7	75.5	75.2	75.0	74.7	74.5	74.3	74.1	74.0	73.9	73.9	73.9	73.9	74.0	74.1
35	88.2	87.5	86.9	86.2	85.5	84.9	84.2	83.7	83.2	82.8	82.4	82.0	81.7	81.6	81.4	81.4	81.3	81.4	81.4
40	104	102	101	100	98.9	97.7	96.6	95.6	94.7	93.9	93.1	92.4	91.8	91.4	91.1	90.9	90.7	90.6	90.5
45	125	126	126	127	128	128	127	124	120	116	112	109	105	103	102	102	101	101	101
50	151	149	147	145	142	140	137	135	132	129	127	124	122	120	118	117	116	115	114
55	181	179	177	174	171	168	165	162	158	155	152	149	146	143	141	139	137	135	134
60	216	214	211	209	206	202	199	195	191	187	183	179	175	171	167	163	160	157	155
65	245	243	241	239	236	233	230	226	221	217	212	208	203	198	193	188	184	180	176
70	237	235	234	231	228	225	222	217	212	208	203	198	193	189	184	181	177	174	172
75	140	140	139	137	135	132	130	126	122	117	113	110	106	105	103	103	102	102	102
80	29.8	30.1	30.4	30.7	30.8	30.8	30.7	30.0	29.3	28.4	27.5	26.7	25.9	25.8	25.7	25.7	25.6	25.5	25.3
85	6.43	6.41	6.38	6.34	6.27	6.19	6.08	5.90	5.69	5.47	5.25	5.03	4.82	4.68	4.56	4.44	4.32	4.20	4.07
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:LYJ  
 Test Date:2022-12-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor:



LUMINOUS DISTRIBUTION INTENSITY DATA

Table--8

UNIT: cd

C (DEG) \ γ (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5								
0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8								
5	55.5	55.5	55.5	55.5	55.5	55.6	55.7	55.8	56.0	56.2	56.5								
10	54.2	54.3	54.4	54.5	54.6	54.9	55.2	55.6	56.1	56.7	57.3								
15	56.6	56.8	57.0	57.3	57.6	57.9	58.4	58.8	59.4	60.0	60.7								
20	61.3	61.5	61.7	61.9	62.2	62.5	62.9	63.3	63.9	64.4	65.1								
25	67.6	67.7	67.9	68.1	68.4	68.7	69.0	69.3	69.7	70.1	70.6								
30	74.1	74.2	74.3	74.5	74.7	74.9	75.2	75.5	75.9	76.3	76.7								
35	81.5	81.6	81.7	81.9	82.1	82.3	82.6	82.9	83.2	83.6	84.0								
40	90.3	90.2	90.1	90.0	90.0	90.1	90.3	90.6	91.0	91.5	92.0								
45	101	100	100	100	100	100	100	101	101	101	102								
50	114	113	113	113	114	114	114	115	115	116	116								
55	133	133	133	133	133	134	134	134	135	136	137								
60	154	154	154	155	156	157	157	158	159	160	160								
65	175	174	174	174	175	176	176	177	177	178	179								
70	171	170	170	170	170	171	171	171	172	172	173								
75	102	101	101	101	100	99.8	99.3	98.7	98.2	97.6	97.0								
80	24.4	23.4	22.4	21.4	20.4	19.5	19.1	18.7	18.5	18.5	18.6								
85	3.87	3.67	3.46	3.26	3.07	2.88	2.75	2.64	2.54	2.46	2.40								
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								

C Range: 0 - 360DEG  
 C Interval: 2.5DEG  
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γ Range: 0 - 180DEG  
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 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:9.432m [K=1.0000]  
 Remarks:

Checker: LI

Assessor: