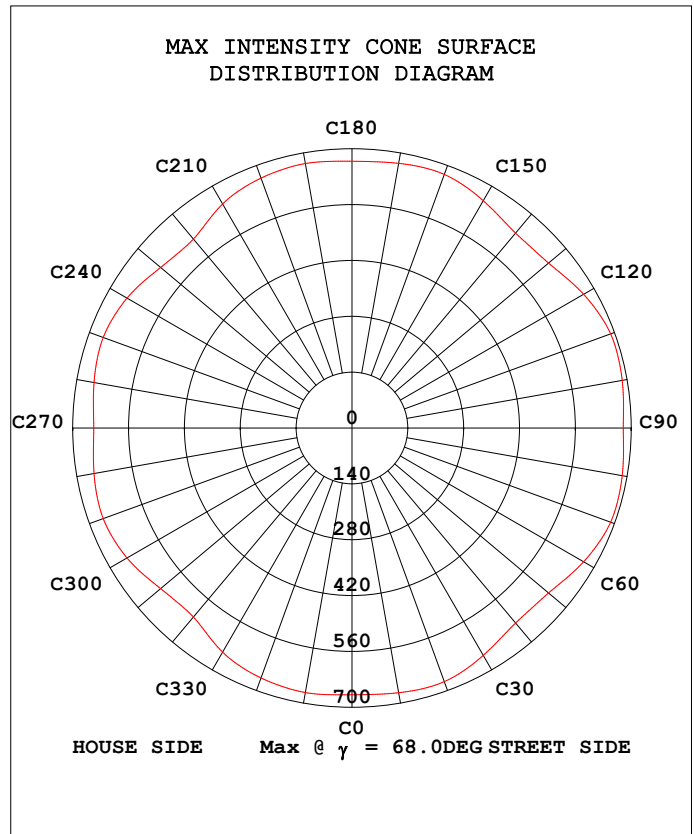
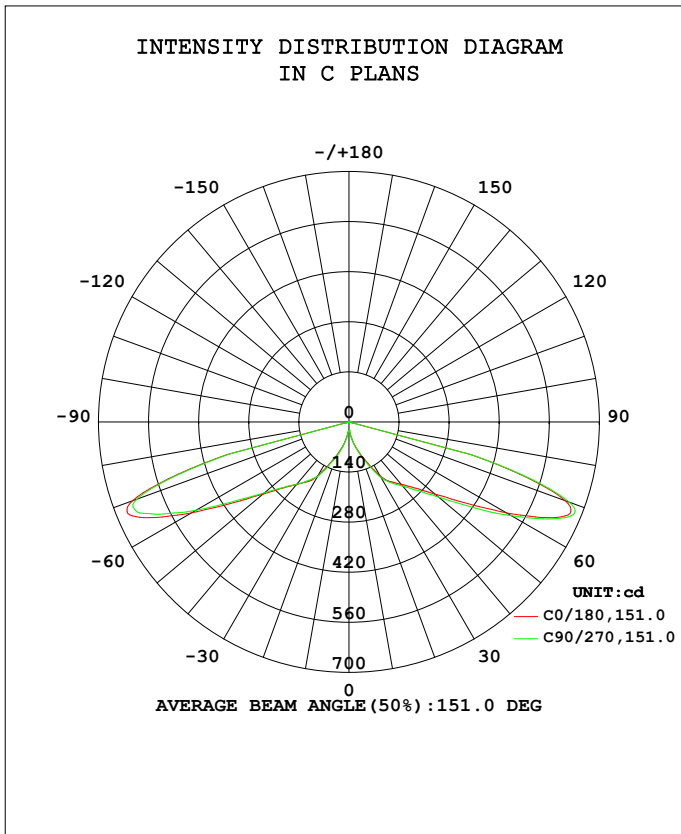


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:2.8V I:3.597A P:10.0W PF:0.959 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:1669.76x1 lm		
NAME: SL30-010-4070-R01209	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

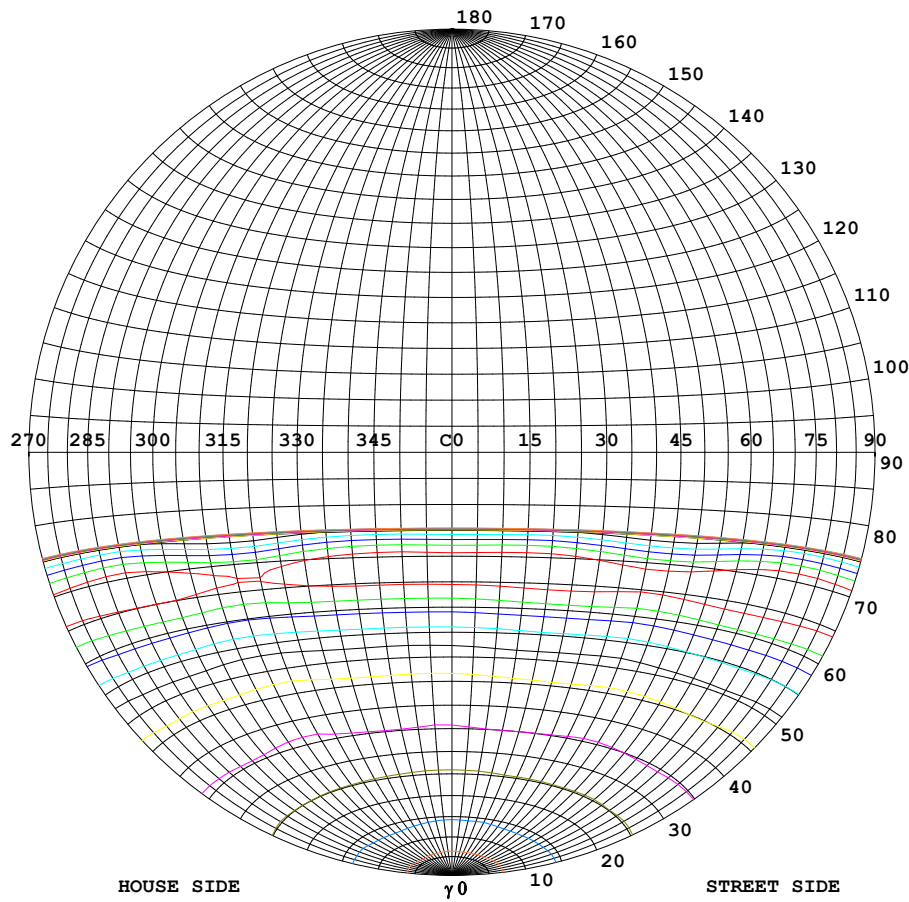
DATA OF LAMP		PHOTOMETRIC DATA      Eff: 166.98 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	690.5	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	50.8
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	1670	η house_up (%)	0.0
NOMINAL FLUX (lm)	1669.76	MAXIMUM @ (C, γ )	105,68.0	η house_down (%)	49.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2023-08-12

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.0453]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM



**Classification:**

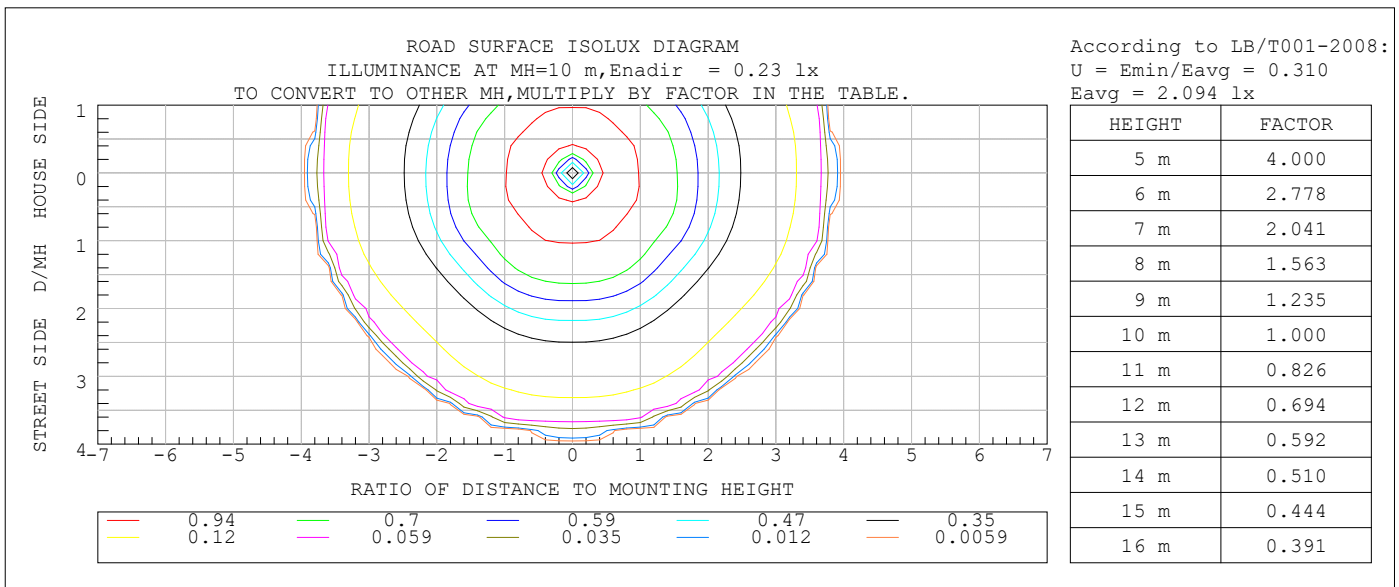
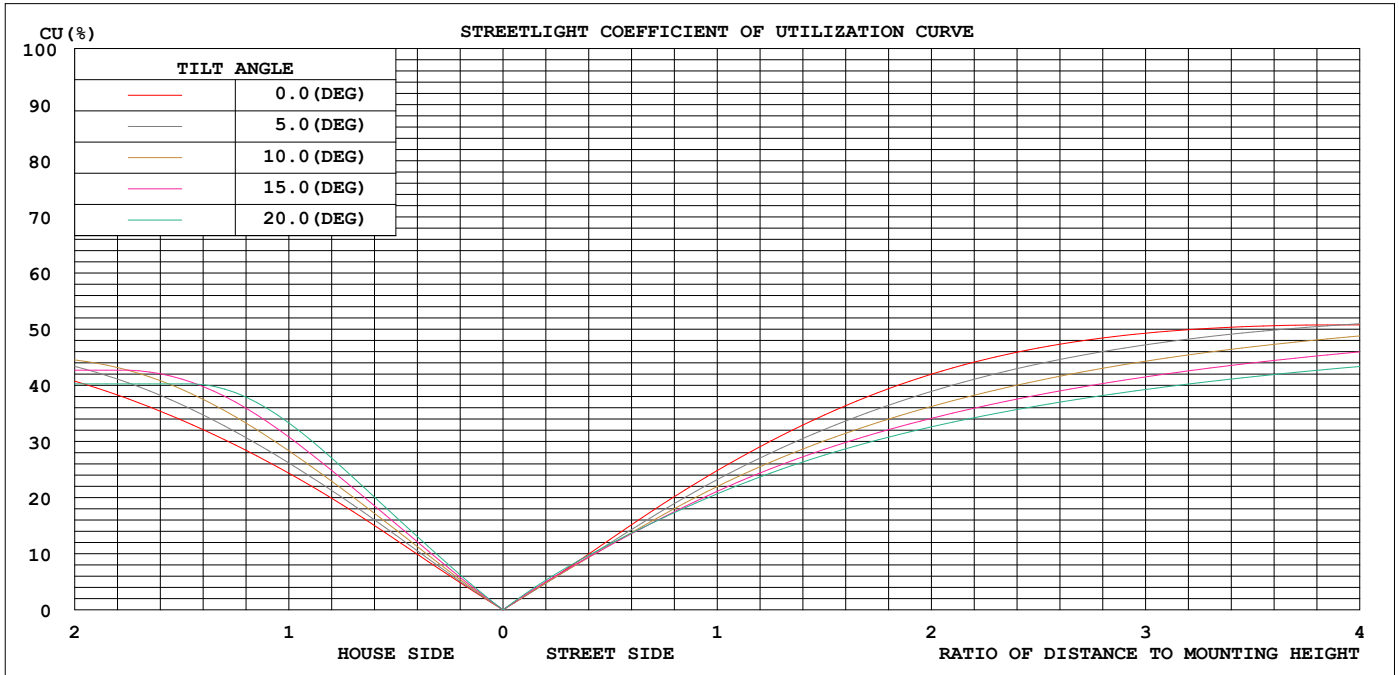
IES:Type V - Very Short  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Semi-cut-off  
 Max.At80:0cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:0cd/klm  
 NRB 5101:Limited[0.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	690
90%	621
80%	552
70%	483
60%	414
50%	345
40%	276
30%	207
20%	138
10%	69
5%	35

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:

## COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2023-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.0453]  
Remarks:

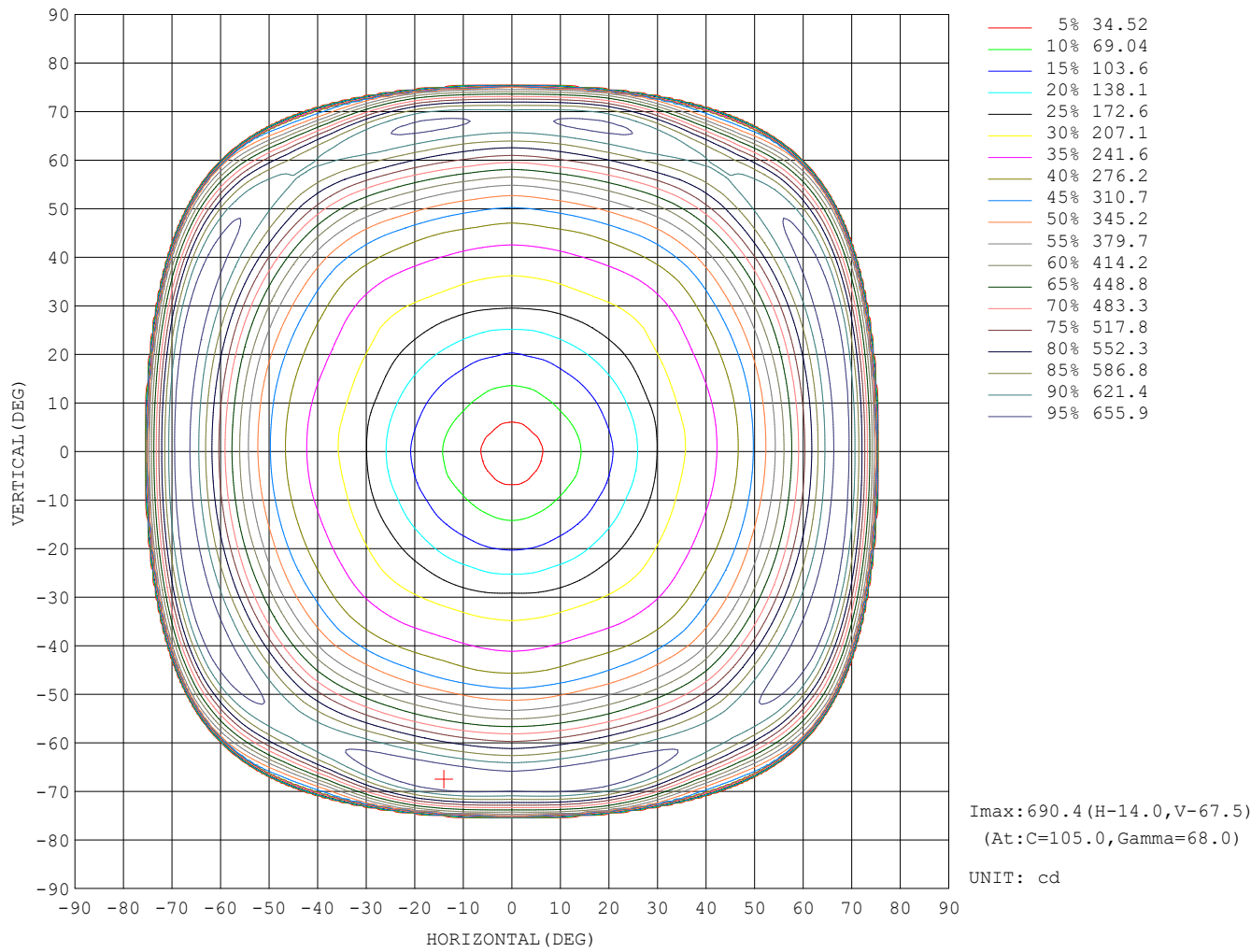
### ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	49.04	49.64	47.77	49.64	49.04	53.09	51.21	53.09	0- 10	3.537	3.537	0.21,0.21
20	98.62	102.9	101.6	102.9	98.62	104.7	101.9	104.7	10- 20	22.30	25.83	1.55,1.55
30	173.5	174.2	179.6	174.2	173.5	171.5	175.9	171.5	20- 30	64.26	90.09	5.4,5.4
40	228.2	232.1	234.3	232.1	228.2	224.7	227.1	224.7	30- 40	129.0	219.1	13.1,13.1
50	314.4	321.3	326.7	321.3	314.4	305.0	307.7	305.0	40- 50	208.6	427.7	25.6,25.6
60	508.9	517.0	523.9	517.0	508.9	488.6	493.4	488.6	50- 60	363.7	791.4	47.4,47.4
70	642.6	582.3	655.0	582.3	642.6	572.5	630.4	572.5	60- 70	608.1	1400	83.8,83.8
80	0	0	0	0	0	0	0	0	70- 80	270.2	1670	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	1670	100,100
100	0	0	0	0	0	0	0	0	90-100	0	1670	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1670	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1670	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1670	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1670	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1670	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1670	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1670	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1670	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:

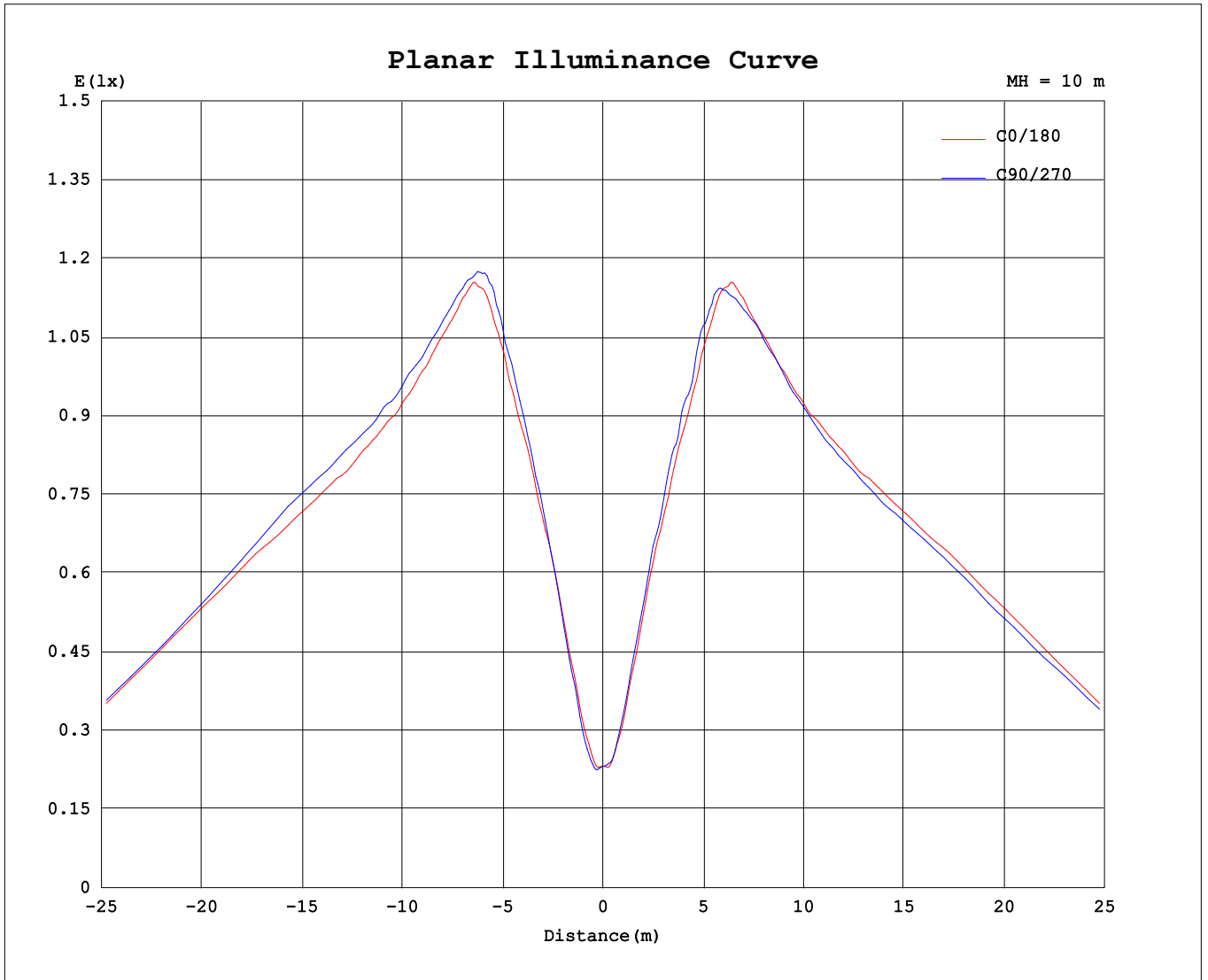
# ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: ZZK  
 Test Date: 2023-08-12

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity: 65.0%  
 Test Distance: 26.000m [K=0.0453]  
 Remarks:

## Planar Illuminance Curve



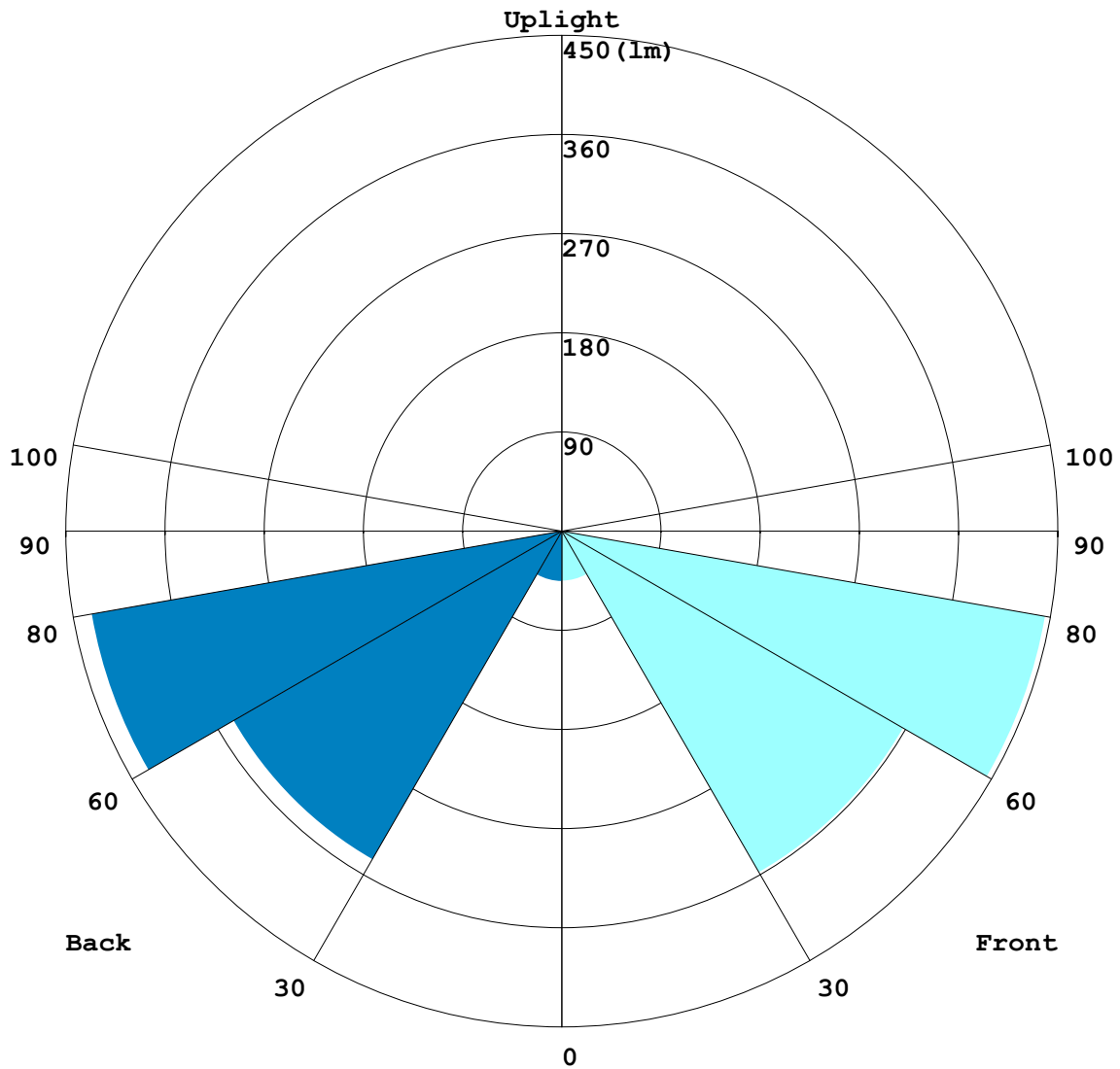
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: ZZX  
Test Date: 2023-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.0453]  
Remarks:

## LCS REPORT

Test:U:2.8V I:3.597A P:10.0W PF:0.959 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:1669.76x1 lm		
NAME: SL30-010-4070-R01209	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

### LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:

## BUG REPORT

Test:U:2.8V I:3.597A P:10.0W PF:0.959 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:1669.76x1 lm		
NAME: SL30-010-4070-R01209	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	44.875	2.7
FM - Front-Medium(30-60)	357.46	21.4
FH - Front-High(60-80)	445.19	26.7
FVH - Front-Very High(80-90)	0	0.0
<b>Total Forward Light</b>	<b>847.53</b>	<b>50.8</b>

BL - Back-Low(0-30)	45.219	2.7
BM - Back-Medium(30-60)	343.87	20.6
BH - Back-High(60-80)	433.15	25.9
BVH - Back-Very High(80-90)	0	0.0
<b>Total Back Light</b>	<b>822.23</b>	<b>49.2</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-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	822.23	0	822.23
Street Side	847.53	0	847.53

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

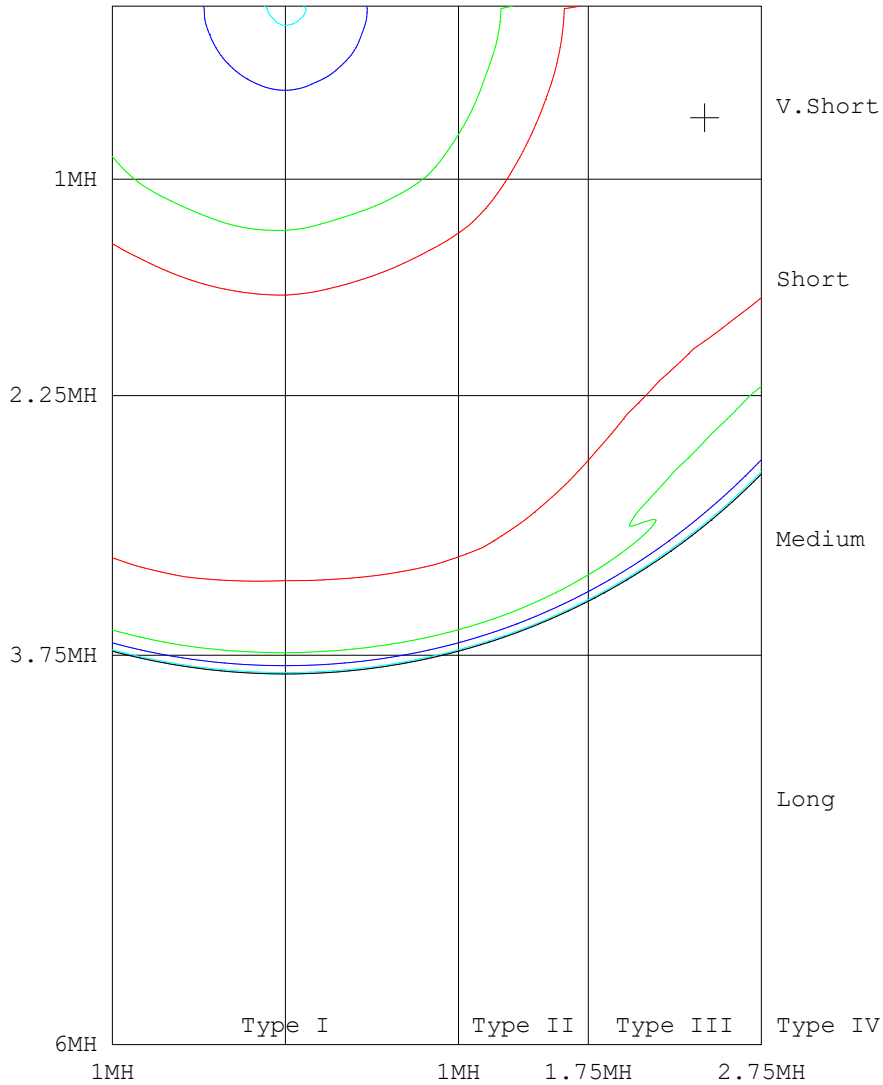
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:



## ROAD ISOCANDELA REPORT

Test:U:2.8V I:3.597A P:10.0W PF:0.959 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:1669.76x1 lm		
NAME: SL30-010-4070-R01209	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 25.3°C Operators: ZZX Test Date: 2023-08-12	Pavement: 70% 483.54 Road: 50% 345.39 Range: 130.16 - 180DEG Interval: 0.5DEG Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465 Humidity: 65.0% Test Distance: 26.000m [K=0.0453] Remarks:
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LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
5	29.9	30.0	30.1	30.0	29.8	29.7	29.6	29.4	29.3	29.3	29.2	28.8	28.4	28.2	28.0	27.9	27.9	27.9	28.0
10	49.0	49.1	49.4	49.4	49.4	49.6	49.7	49.6	49.5	49.6	49.6	49.3	49.0	48.9	48.9	48.5	48.0	47.8	47.8
15	72.7	72.8	72.9	72.8	73.2	74.5	75.9	76.6	76.8	77.1	77.2	77.0	76.6	76.0	75.3	74.2	73.3	73.0	73.0
20	98.6	98.9	99.5	100	101	102	103	103	103	103	103	104	104	103	103	102	102	102	102
25	130	131	132	134	136	136	135	136	136	136	136	136	136	136	137	137	136	136	136
30	174	173	173	173	173	174	174	174	174	174	175	175	174	175	176	176	177	179	180
35	204	205	207	207	207	207	206	205	204	204	205	207	209	210	210	210	209	208	208
40	228	230	231	232	234	235	235	233	231	232	233	235	237	239	239	238	236	235	234
45	261	263	265	268	269	269	269	267	266	267	269	271	274	276	277	275	272	271	271
50	314	316	318	320	321	321	321	320	319	321	325	329	332	334	335	333	331	328	327
55	393	395	398	402	405	404	402	399	398	401	407	412	416	419	420	418	416	413	412
60	509	511	514	519	523	524	522	517	514	517	523	529	533	536	535	533	530	526	524
65	633	635	638	642	645	645	642	635	628	630	637	645	651	653	654	652	647	642	639
70	643	644	649	650	647	635	619	600	585	582	589	609	633	651	663	668	668	661	655
75	352	353	357	362	361	345	325	304	287	281	286	309	335	357	373	374	370	362	356
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
5	27.9	27.9	27.9	28.0	28.2	28.4	28.8	29.2	29.3	29.3	29.4	29.6	29.7	29.8	30.0	30.1	30.0	29.9	29.9
10	47.8	48.0	48.5	48.9	48.9	49.0	49.3	49.6	49.6	49.5	49.6	49.7	49.6	49.4	49.4	49.4	49.1	49.0	49.4
15	73.0	73.3	74.2	75.3	76.0	76.6	77.0	77.2	77.1	76.8	76.6	75.9	74.5	73.2	72.8	72.9	72.8	72.7	72.8
20	102	102	102	103	103	104	104	103	103	103	103	103	102	101	100	99.5	98.9	98.6	99.0
25	136	136	137	137	136	136	136	136	136	136	136	135	136	136	134	132	131	130	130
30	179	177	176	176	175	174	175	175	174	174	174	174	174	173	173	173	173	174	173
35	208	209	210	210	210	209	207	205	204	204	205	206	207	207	207	207	205	204	205
40	235	236	238	239	239	237	235	233	232	231	233	235	235	234	232	231	230	228	228
45	271	272	275	277	276	274	271	269	267	266	267	269	269	269	268	265	263	261	261
50	328	331	333	335	334	332	329	325	321	319	320	321	321	321	320	318	316	314	313
55	413	416	418	420	419	416	412	407	401	398	399	402	404	405	402	398	395	393	392
60	526	530	533	535	536	533	529	523	517	514	517	522	524	523	519	514	511	509	508
65	642	647	652	654	653	651	645	637	630	628	635	642	645	645	642	638	635	633	631
70	661	668	668	663	651	633	609	589	582	585	600	619	635	647	650	649	644	643	647
75	362	370	374	373	357	335	309	286	281	287	304	325	345	361	362	357	353	352	358
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
5	29.9	30.1	30.3	30.5	30.7	31.0	31.4	31.5	31.4	31.2	31.0	30.7	30.6	30.7	30.9	31.0	31.0	31.0	30.9
10	49.9	50.4	50.8	51.2	51.7	52.4	52.9	53.1	53.0	52.8	52.6	52.2	51.7	51.5	51.4	51.3	51.2	51.3	51.4
15	73.2	74.2	75.4	76.5	77.6	78.7	79.5	79.4	79.1	79.3	79.3	78.1	76.6	76.0	75.9	75.4	75.0	75.4	75.9
20	99.8	101	102	103	103	104	104	105	105	105	105	105	104	104	104	103	102	103	104
25	131	133	134	135	135	136	137	137	137	137	138	138	138	137	136	137	137	137	136
30	172	173	174	174	172	171	171	171	172	172	172	173	174	175	176	176	176	176	176
35	206	206	206	205	204	202	201	201	201	202	204	205	204	203	202	201	201	201	202
40	229	230	231	231	229	227	225	225	225	227	229	230	229	229	228	228	227	228	228
45	261	262	263	262	261	258	256	255	256	258	260	261	261	262	262	261	259	261	262
50	312	312	313	313	312	308	305	305	306	308	312	314	314	314	312	310	308	310	312
55	391	391	391	391	388	383	380	380	381	385	389	391	391	390	389	386	383	386	389
60	508	507	506	504	502	498	492	489	490	496	501	503	504	504	503	498	493	498	503
65	630	632	632	627	620	611	602	600	605	614	621	622	620	618	614	610	608	610	614
70	651	649	644	633	617	594	574	572	580	599	620	635	645	644	640	634	630	634	640
75	366	366	360	348	330	304	281	276	283	303	327	349	362	358	351	346	343	346	351
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2				
5	30.7	30.6	30.7	31.0	31.2	31.4	31.5	31.4	31.0	30.7	30.5	30.3	30.1	29.9	29.9				
10	51.5	51.7	52.2	52.6	52.8	53.0	53.1	52.9	52.4	51.7	51.2	50.8	50.4	49.9	49.4				
15	76.0	76.6	78.1	79.3	79.3	79.1	79.4	79.5	78.7	77.6	76.5	75.4	74.2	73.2	72.8				
20	104	104	105	105	105	105	105	104	104	103	103	102	101	99.8	99.0				
25	137	138	138	138	137	137	137	137	136	135	135	134	133	131	130				
30	175	174	173	172	172	172	171	171	171	172	174	174	173	172	173				
35	203	204	205	204	202	201	201	201	202	204	205	206	206	206	205				
40	229	229	230	229	227	225	225	225	227	229	231	231	230	229	228				
45	262	261	261	260	258	256	255	256	258	261	262	263	262	261	261				
50	314	314	314	312	308	306	305	305	308	312	313	313	312	312	313				
55	390	391	391	389	385	381	380	380	383	388	391	391	391	391	392				
60	504	504	503	501	496	490	489	492	498	502	504	506	507	508	508				
65	618	620	622	621	614	605	600	602	611	620	627	632	632	630	631				
70	644	645	635	620	599	580	572	574	594	617	633	644	649	651	647				
75	358	362	349	327	303	283	276	281	304	330	348	360	366	366	358				
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:ZZX  
 Test Date:2023-08-12

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.465  
 Humidity:65.0%  
 Test Distance:26.000m [K=0.0453]  
 Remarks: