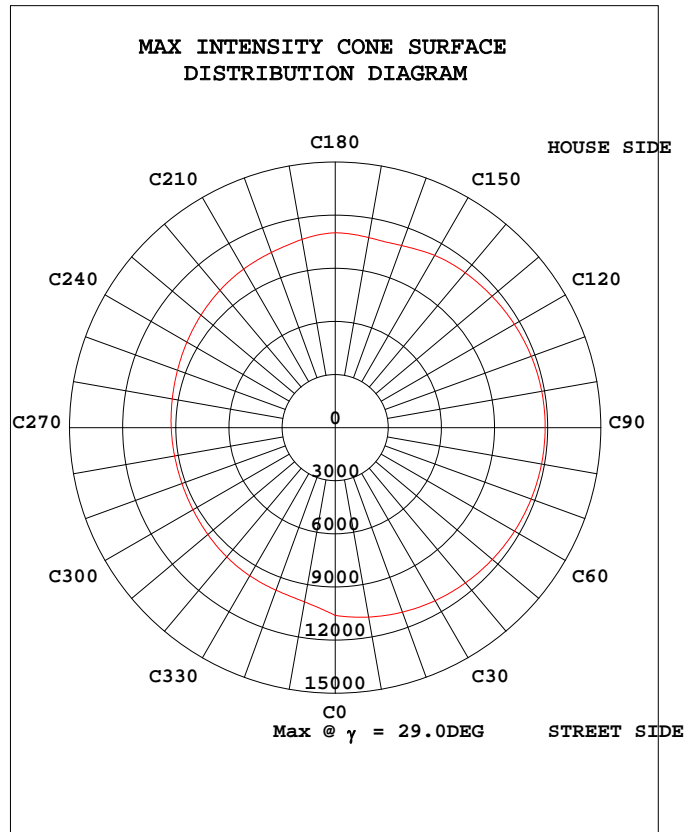
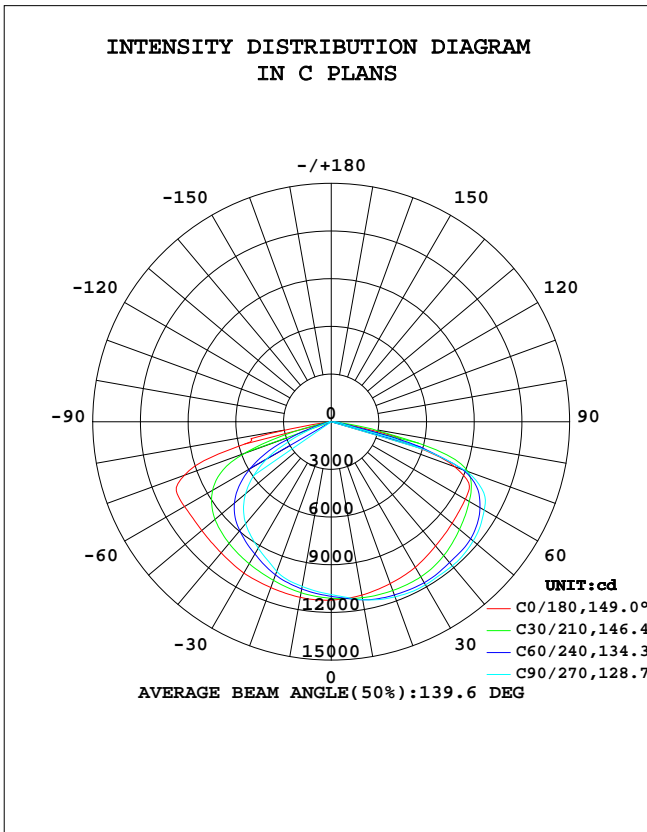


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:228.0V I:1.302A P:292.2W PF:0.9840 Lamp Flux:46335.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:300W	SERIAL No.:
MFR.:	SUR.:240*340MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 151.09 lm/W			
MODEL		I _{max} (cd)	11854	η street_up(%)	0.0
NOMINAL POWER(W)	296	LOR(%)	95.3	η street_down(%)	49.2
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	44148	η house_up(%)	0.0
NOMINAL FLUX(lm)	46335.7	MAXIMUM @(C,γ)	90,29.0	η house_down(%)	46.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	228.0	η down(%)	95.3	SLI	



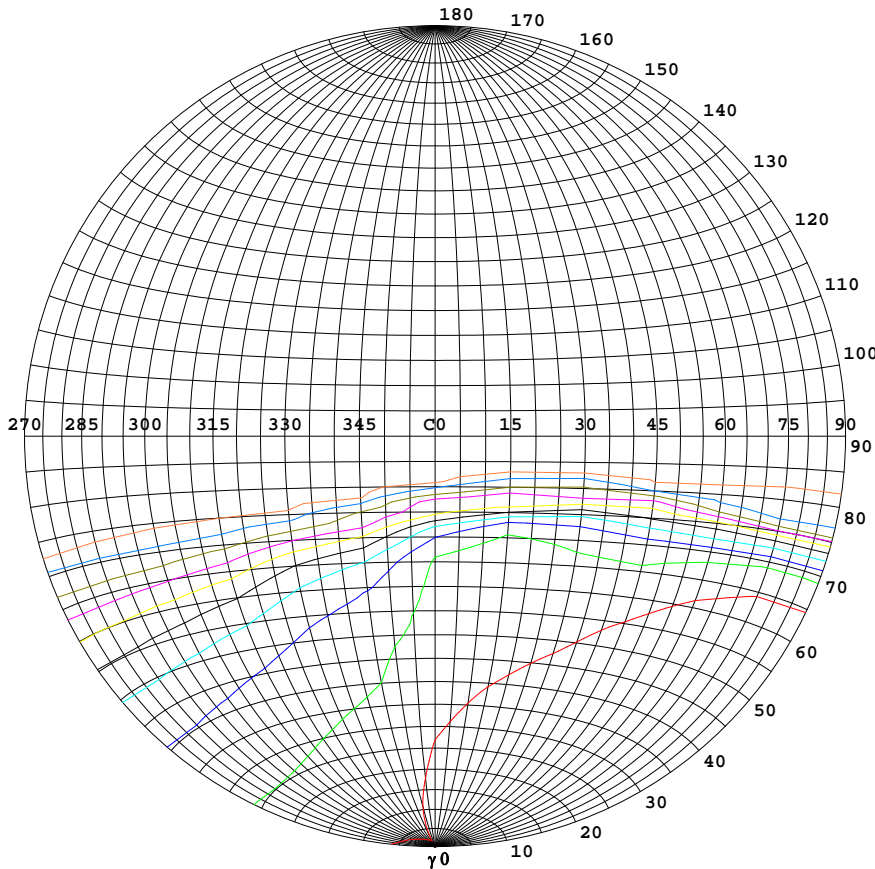
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-05-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:228.0V I:1.302A P:292.2W PF:0.9840 Lamp Flux:46335.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:300W	SERIAL No.:
MFR.:	SUR.:240*340MM	PROTECTION ANGLE:



Classification:

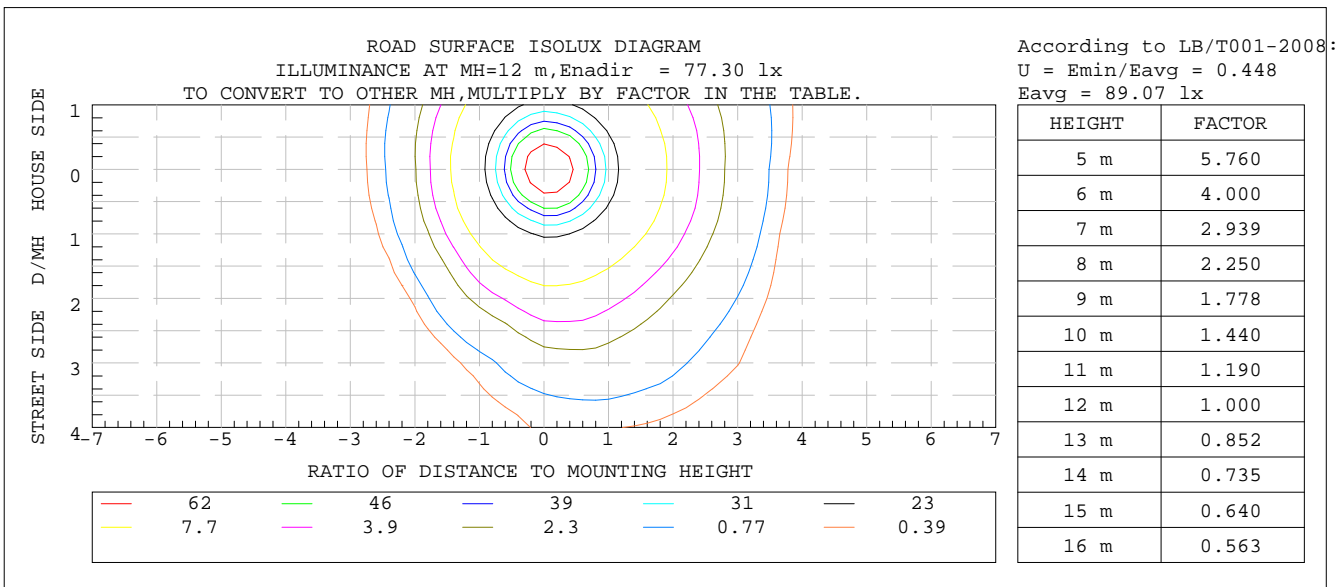
IES:Type IV - Very Short
 CIE:Narrow - Short
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:101.8cd/klm
 Max.At90:4.471cd/klm
 Max.80-90:101.8cd/klm
 NRB 5101:Semi limited[10.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11854
90%	10669
80%	9483
70%	8298
60%	7112
50%	5927
40%	4742
30%	3556
20%	2371
10%	1185
5%	593

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-05-27

gamma Range: 0 - 90DEG
 gamma Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:12.000m [K=1.0000]
 Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-05-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:228.0V I:1.302A P:292.2W PF:0.9840 Lamp Flux:46335.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:300W	SERIAL No.:
MFR.:	SUR.:240*340MM	PROTECTION ANGLE:

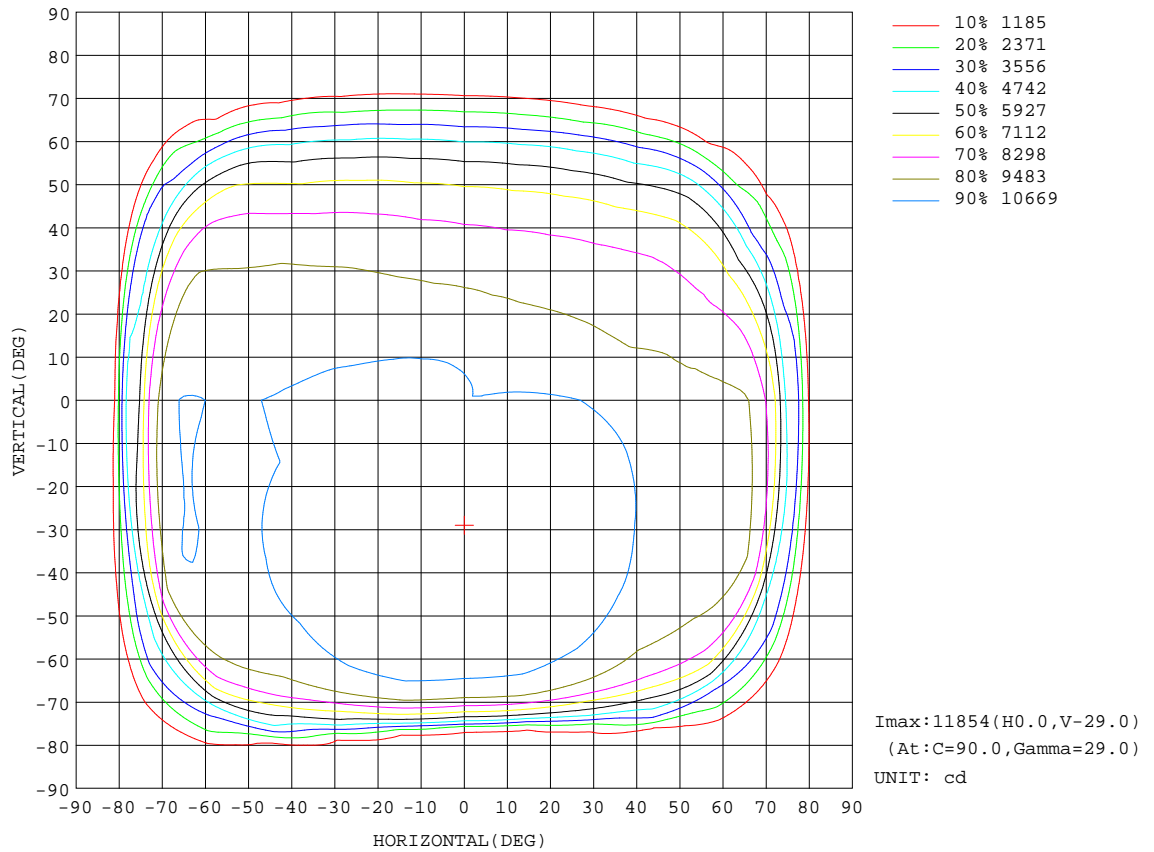
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1108	1133	1137	1108	1122	1079	1052	1042	0- 10	1043	1043	2.36,2.25
20	1084	1148	1172	1138	1111	1042	1002	995.6	10- 20	3085	4128	9.35,8.91
30	1057	1151	1185	1149	1099	996.9	918.6	940.7	20- 30	4950	9079	20.6,19.6
40	1021	1135	1184	1146	1077	949.1	836.9	878.8	30- 40	6547	15626	35.4,33.7
50	993.1	1097	1167	1117	1064	868.0	703.1	782.7	40- 50	7752	23378	53,50.5
60	974.4	1025	1111	1073	1067	699.4	470.6	588.2	50- 60	8334	31713	71.8,68.4
70	825.3	868.0	896.5	970.5	982.1	349.2	137.0	197.5	60- 70	7797	39510	89.5,85.3
80	107.2	115.1	69.38	440.6	262.2	34.98	14.02	20.33	70- 80	4152	43662	98.9,94.2
90	14.27	13.12	15.66	20.72	11.80	11.24	11.32	12.75	80- 90	486.0	44148	100,95.3
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

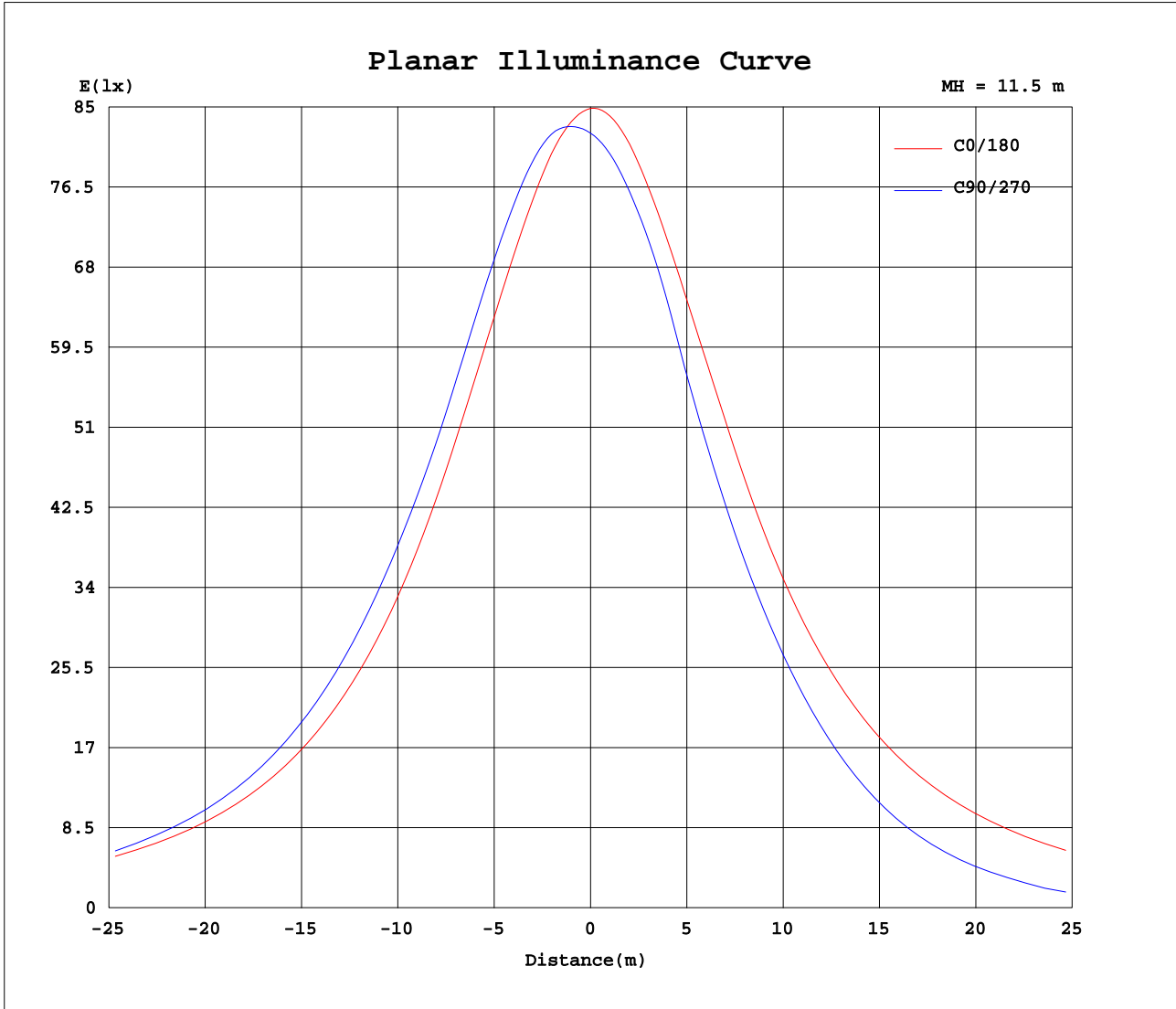
Test:U:228.0V I:1.302A P:292.2W PF:0.9840 Lamp Flux:46335.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:300W	SERIAL No.:
MFR.:	SUR.:240*340MM	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-05-27

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-05-27

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 12.000m [K=1.0000]
 Remarks:

