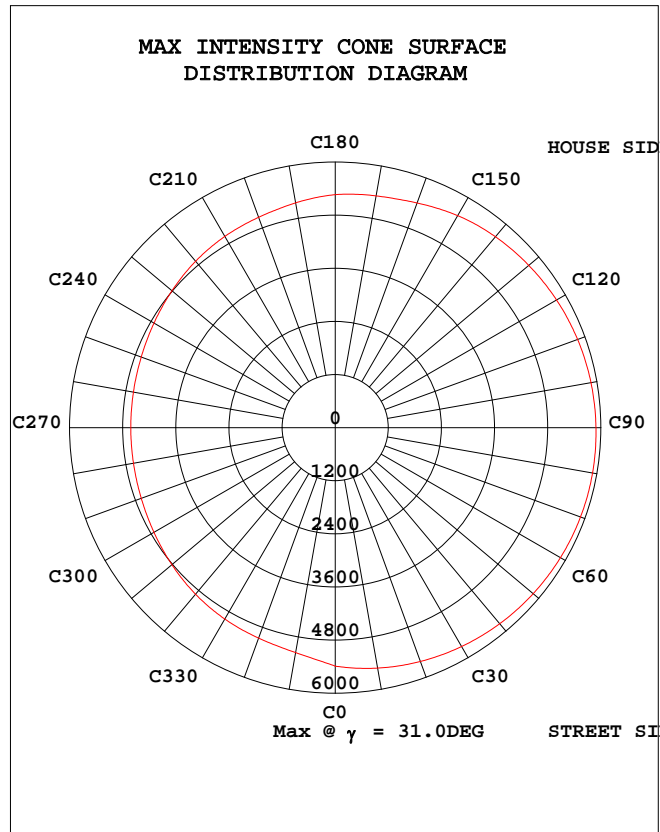
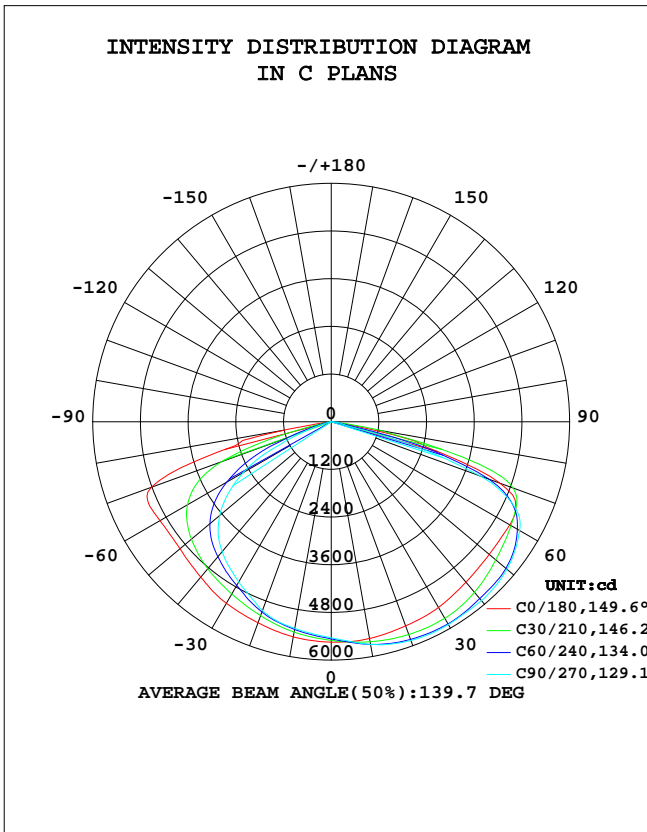


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.5V I:0.6620A P:148.6W PF:0.9860 Lamp Flux:21957.3x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:13KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:160*240MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.76 lm/W			
MODEL		I <sub>max</sub> (cd)	5901	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	53.2
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	21957	η house_up(%)	0.0
NOMINAL FLUX(lm)	21957.3	MAXIMUM @(C,γ )	75,31.0	η house_down(%)	46.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.5	η down(%)	100.0	SLI	



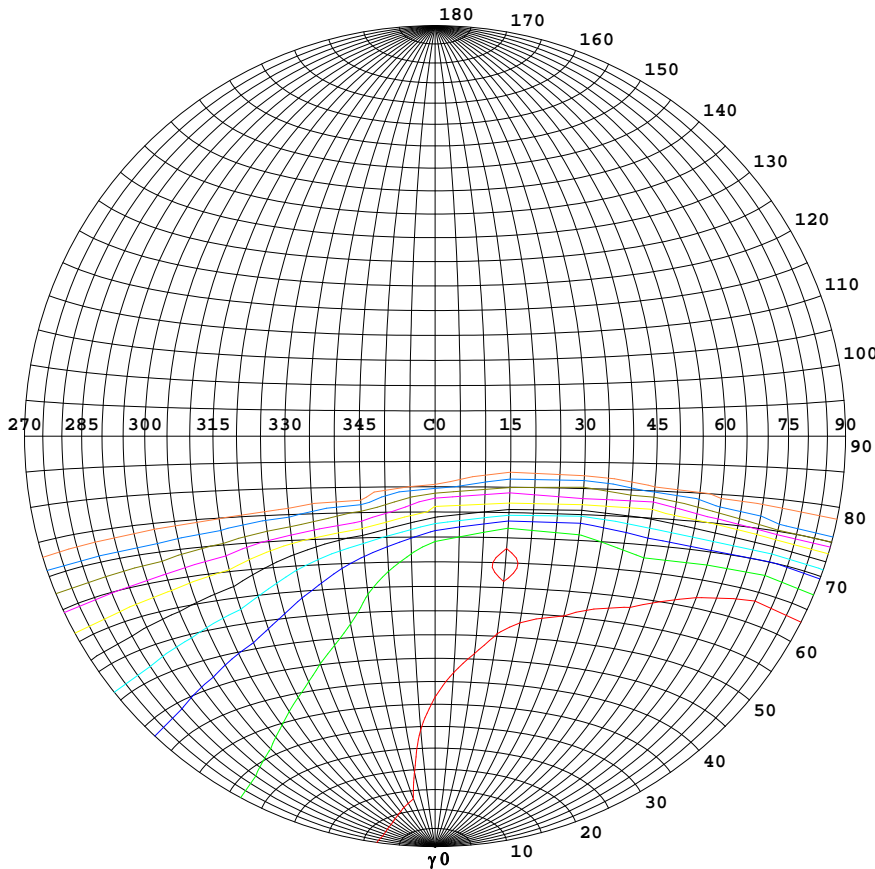
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-05-26

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:227.5V I:0.6620A P:148.6W PF:0.9860 Lamp Flux:21957.3x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:13KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:160*240MM	PROTECTION ANGLE:



**Classification:**

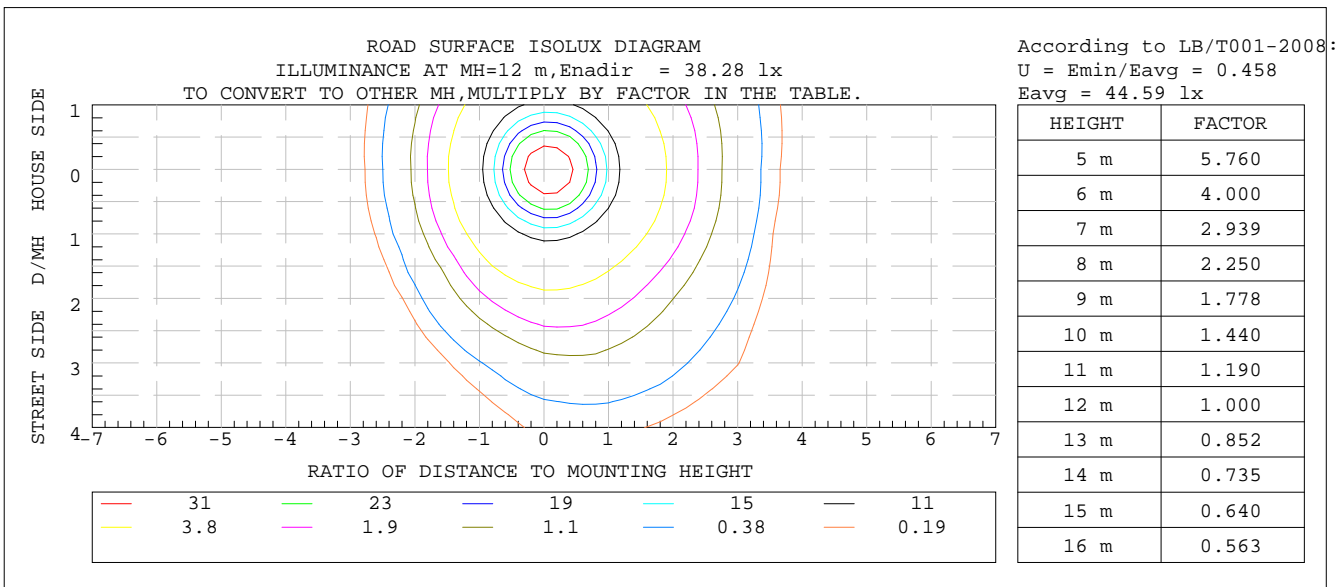
IES:Type IV - Very Short  
 CIE:Broad - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:92.43cd/klm  
 Max.At90:2.014cd/klm  
 Max.80-90:92.43cd/klm  
 NRB 5101:Limited[7.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5901
90%	5311
80%	4721
70%	4131
60%	3541
50%	2951
40%	2361
30%	1770
20%	1180
10%	590
5%	295

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-05-26

$\gamma$  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: 2021-05-26

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:227.5V I:0.6620A P:148.6W PF:0.9860 Lamp Flux:21957.3x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:13KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:160*240MM	PROTECTION ANGLE:

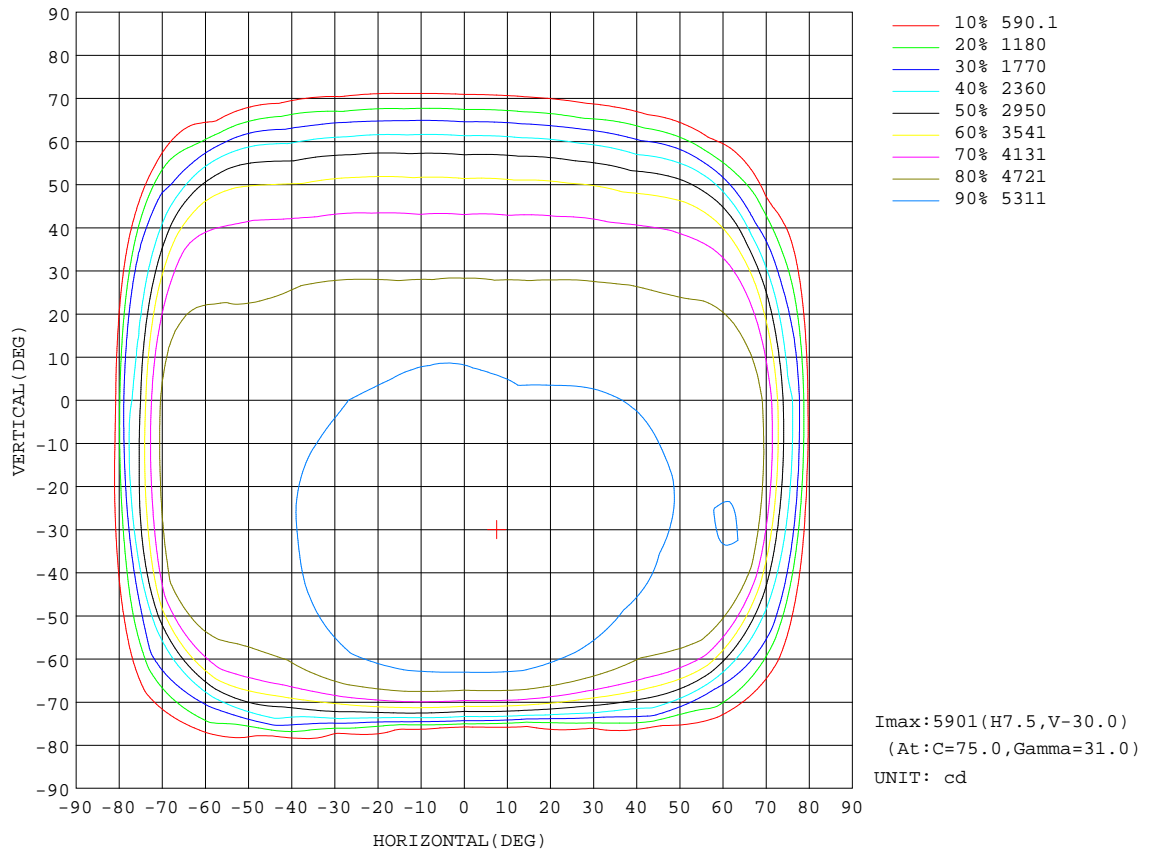
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	5540	5663	5689	5557	5499	5333	5280	5292	0- 10	521.7	521.7	2.38,2.38
20	5468	5782	5858	5657	5383	5136	5062	5111	10- 20	1544	2066	9.41,9.41
30	5397	5812	5892	5671	5277	4886	4657	4885	20- 30	2479	4545	20.7,20.7
40	5275	5726	5878	5599	5106	4643	4272	4627	30- 40	3278	7823	35.6,35.6
50	5193	5552	5773	5439	4972	4266	3662	4209	40- 50	3887	11710	53.3,53.3
60	5190	5230	5475	5160	4978	3491	2554	3265	50- 60	4197	15908	72.4,72.4
70	4514	4401	4006	4517	4813	1778	706.8	1256	60- 70	3944	19852	90.4,90.4
80	394.0	454.7	250.7	1491	1088	119.0	20.10	79.30	70- 80	1947	21799	99.3,99.3
90	35.55	27.75	30.31	43.47	21.37	22.39	21.33	28.92	80- 90	158.4	21957	100,100
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:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-05-26

$\gamma$  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:

**ISOCANDELA DIAGRAM**

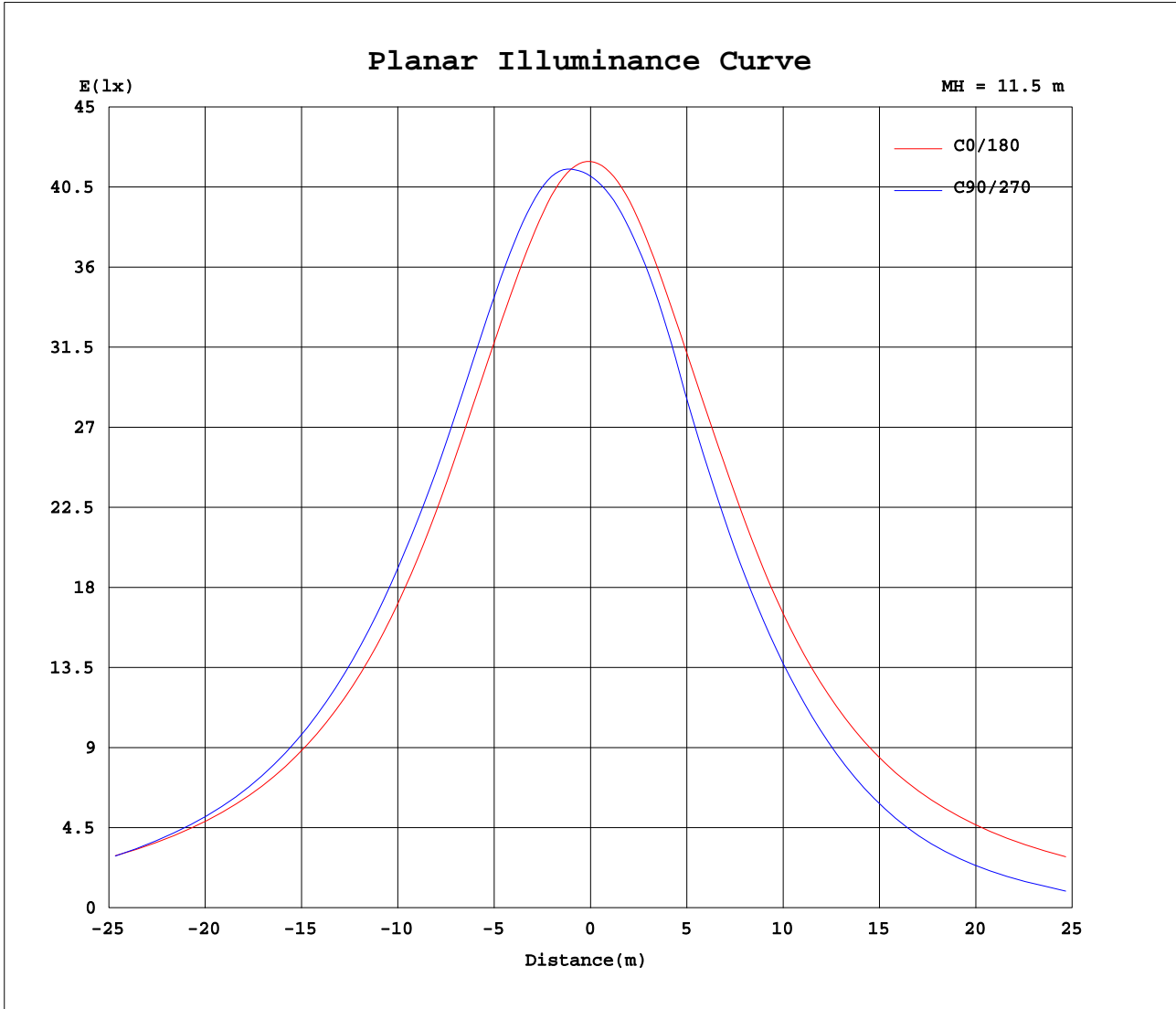
Test:U:227.5V I:0.6620A P:148.6W PF:0.9860 Lamp Flux:21957.3x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:13KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:160*240MM	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-05-26

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: 2021-05-26

$\gamma$  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:



