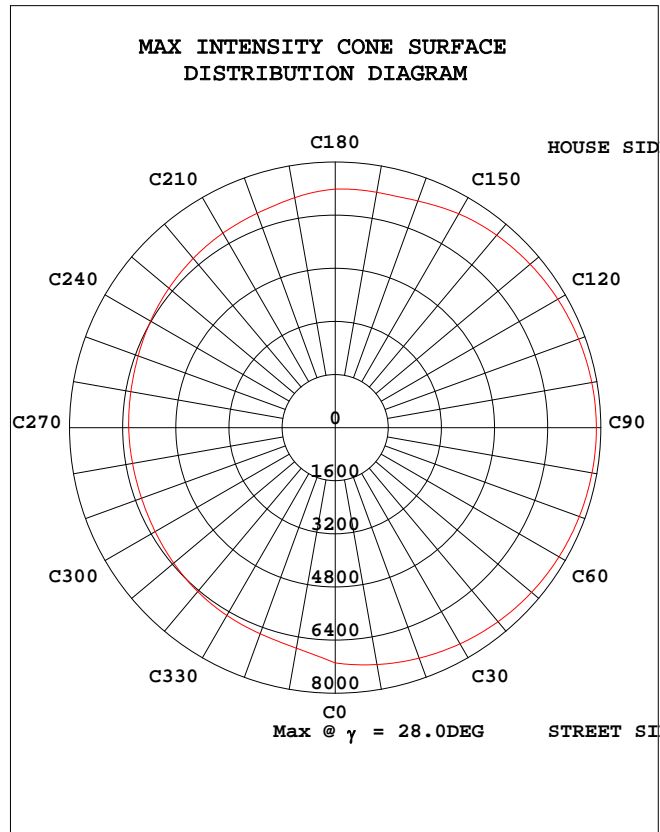
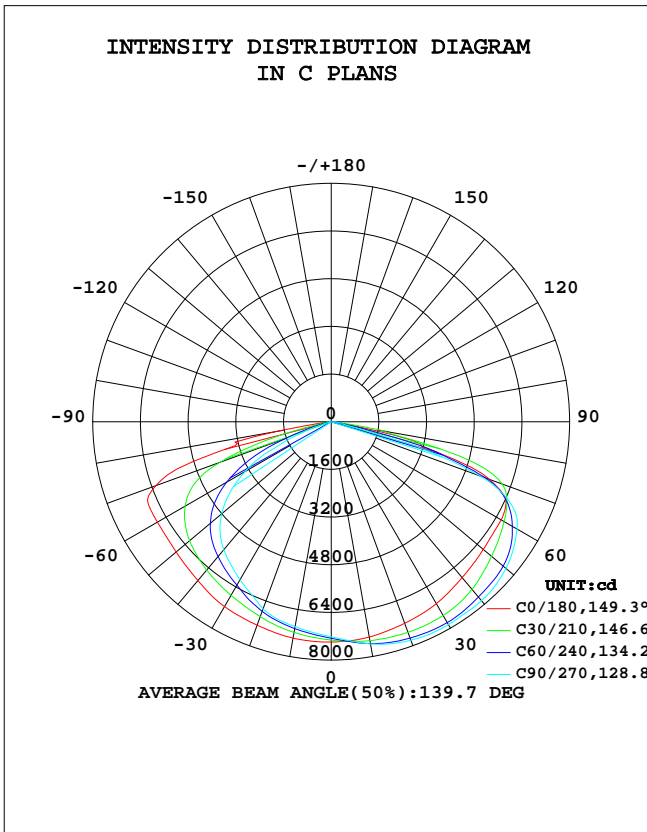


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.9V I:0.8700A P:194.4W PF:0.9790 Lamp Flux:30844.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:200W	SERIAL No.:
MFR.:	SUR.:240*240	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.36 lm/W			
MODEL		I _{max} (cd)	7864	η street_up(%)	0.0
NOMINAL POWER(W)	196	LOR(%)	94.1	η street_down(%)	49.4
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	29035	η house_up(%)	0.0
NOMINAL FLUX(lm)	30844.7	MAXIMUM @(C,γ)	90,28.0	η house_down(%)	44.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	228.0	η down(%)	94.1	SLI	



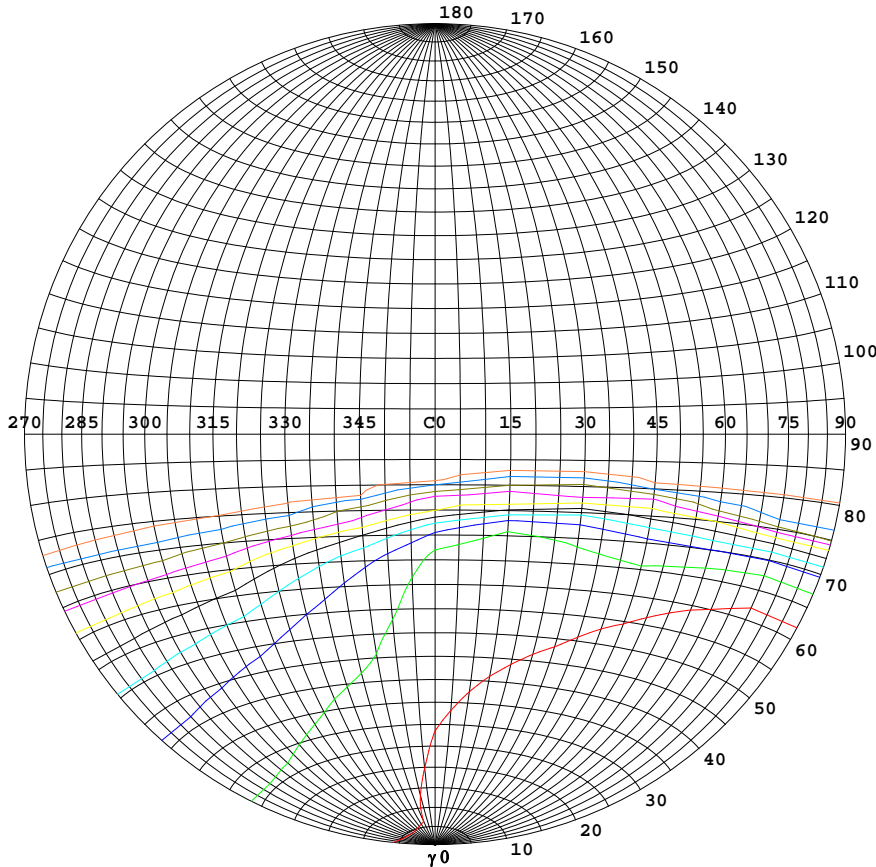
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-05-31

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:227.9V I:0.8700A P:194.4W PF:0.9790 Lamp Flux:30844.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:200W	SERIAL No.:
MFR.:	SUR.:240*240	PROTECTION ANGLE:



Classification:

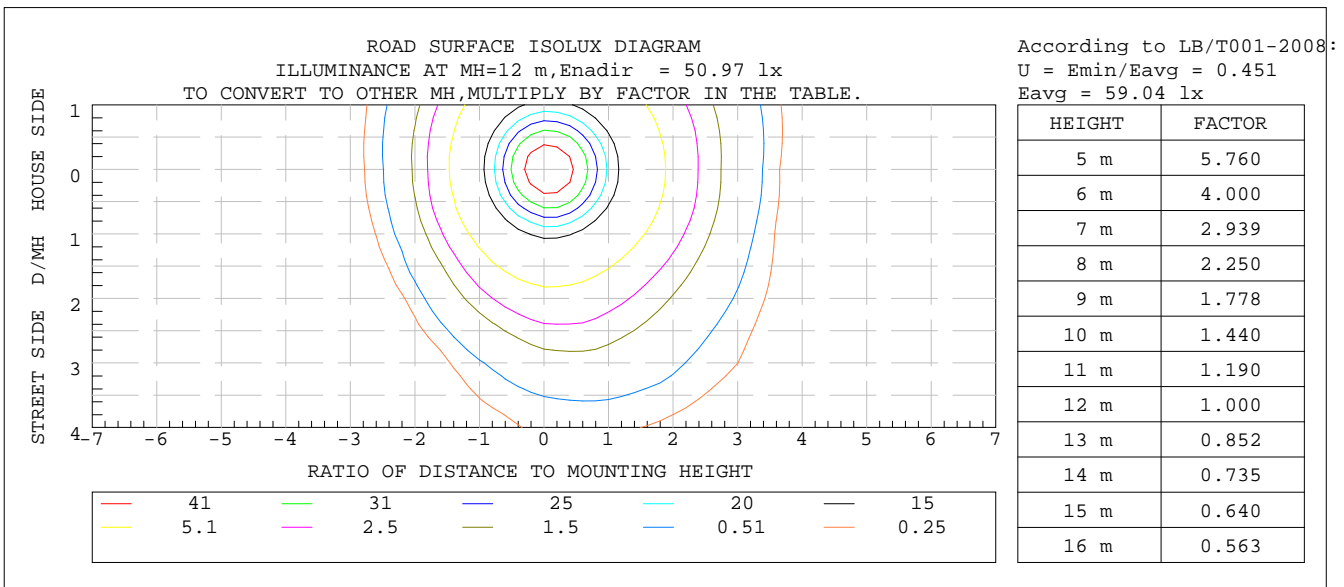
IES:Type IV - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:86.09cd/klm
 Max.At90:3.720cd/klm
 Max.80-90:86.09cd/klm
 NRB 5101:Limited[7.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7864
90%	7077
80%	6291
70%	5505
60%	4718
50%	3932
40%	3145
30%	2359
20%	1573
10%	786
5%	393

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-05-31

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: 2021-05-31

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:227.9V I:0.8700A P:194.4W PF:0.9790 Lamp Flux:30844.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:200W	SERIAL No.:
MFR.:	SUR.:240*240	PROTECTION ANGLE:

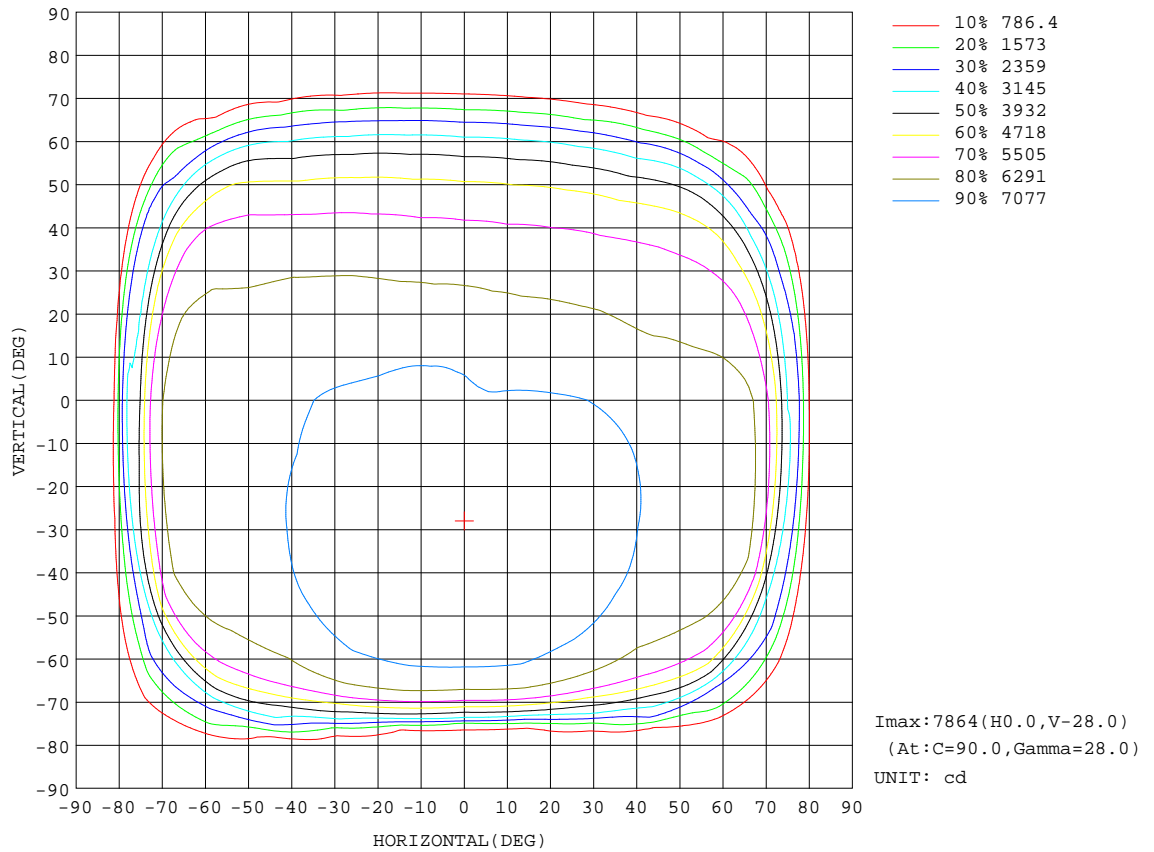
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	7338	7516	7569	7398	7373	7101	6981	6962	0- 10	692.3	692.3	2.38,2.24
20	7199	7643	7801	7564	7265	6856	6686	6683	10- 20	2049	2741	9.44,8.89
30	7050	7671	7862	7619	7162	6534	6121	6330	20- 30	3287	6029	20.8,19.5
40	6832	7534	7841	7532	6959	6217	5607	5943	30- 40	4342	10370	35.7,33.6
50	6663	7269	7654	7309	6796	5726	4794	5348	40- 50	5135	15505	53.4,50.3
60	6586	6758	7200	6898	6736	4730	3330	4113	50- 60	5517	21022	72.4,68.2
70	5646	5681	5329	5986	6267	2491	945.8	1567	60- 70	5142	26164	90.1,84.8
80	776.3	724.8	404.6	2028	1814	210.1	62.08	133.6	70- 80	2597	28761	99.1,93.2
90	85.00	76.57	85.74	111.5	65.91	64.68	63.29	73.57	80- 90	274.0	29035	100,94.1
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:2021-05-31

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

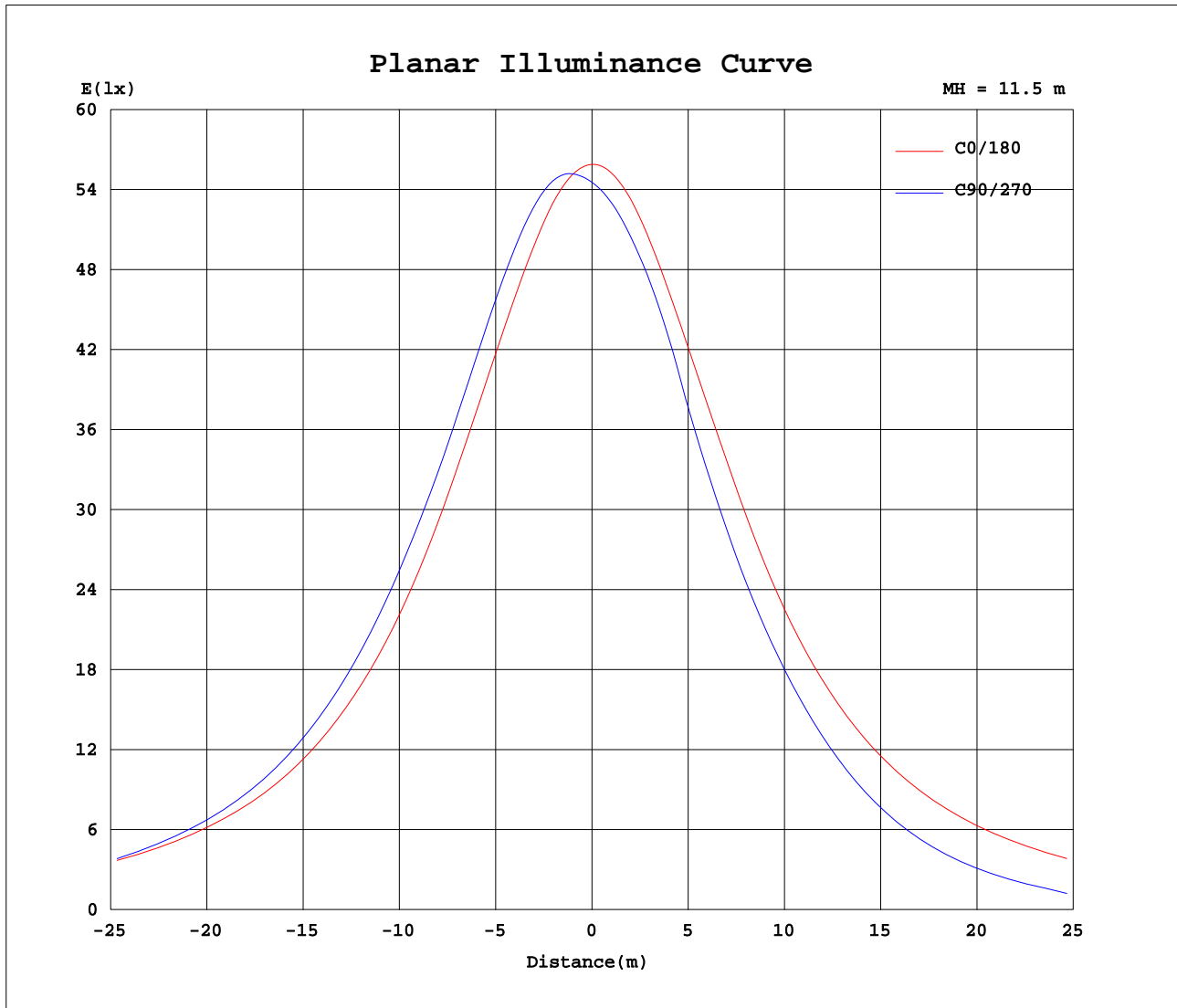
Test:U:227.9V I:0.8700A P:194.4W PF:0.9790 Lamp Flux:30844.7x1 lm		
NAME: LED 7G STREET LIGHT	TYPE:LED	WEIGHT:10KG
DIM.: 595*340*140MM	SPEC.:200W	SERIAL No.:
MFR.:	SUR.:240*240	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-05-31

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: 2021-05-31

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:

