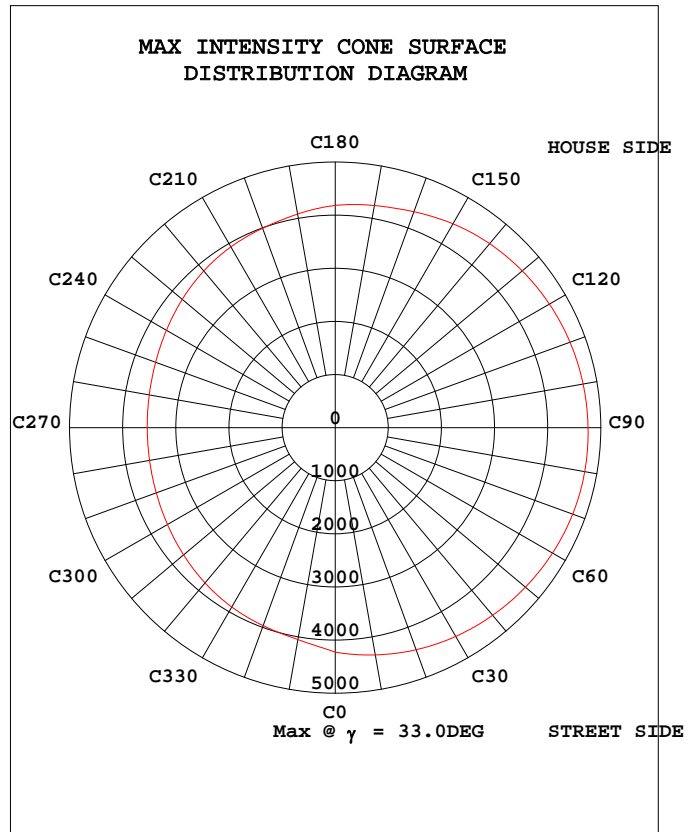
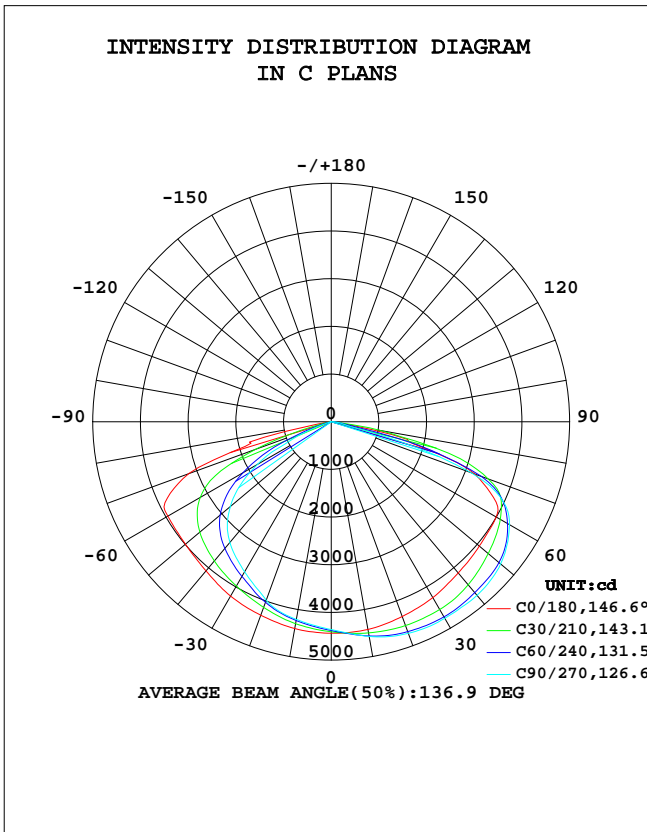


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.4V I:0.5340A P:119.0W PF:0.9790 Lamp Flux:17657.4x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 510*380*70MM	SPEC.:120	SERIAL No.:
MFR.:	SUR.:126*126MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.37 lm/W			
MODEL		I _{max} (cd)	4766	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	96.0	η street_down(%)	51.5
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	16942	η house_up(%)	0.0
NOMINAL FLUX(lm)	17657.4	MAXIMUM @(C,γ)	75,33.0	η house_down(%)	44.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.4	η down(%)	96.0	SLI	



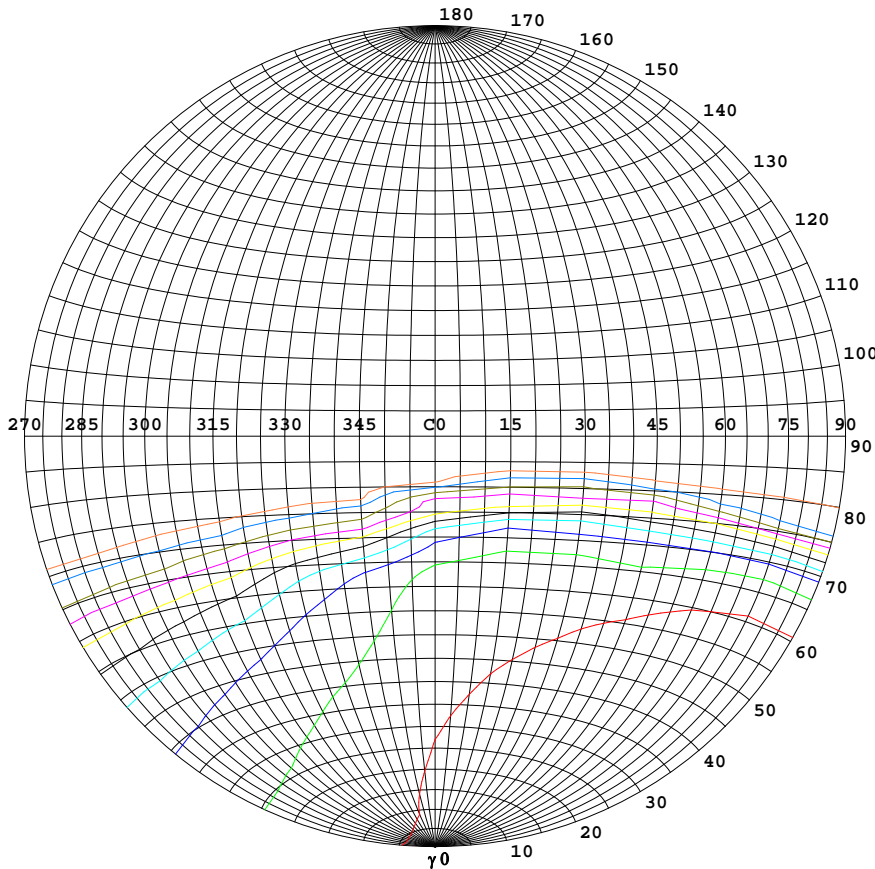
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-04-29

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:227.4V I:0.5340A P:119.0W PF:0.9790 Lamp Flux:17657.4x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 510*380*70MM	SPEC.:120	SERIAL No.:
MFR.:	SUR.:126*126MM	PROTECTION ANGLE:



Classification:

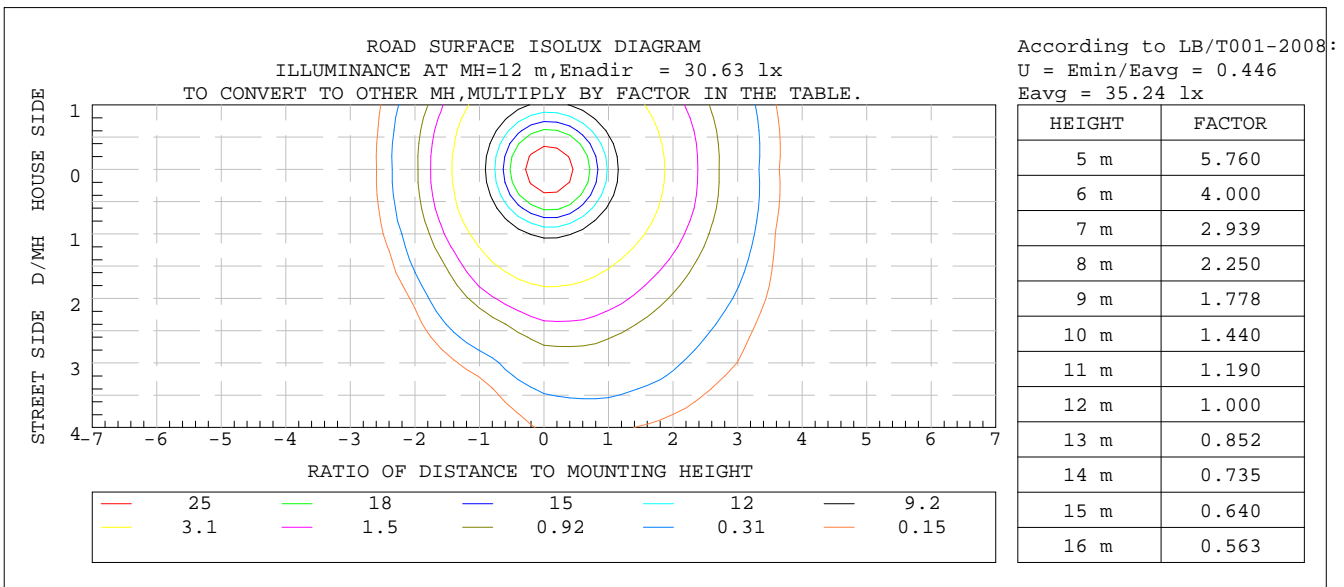
IES:Type IV - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:63.95cd/klm
 Max.At90:1.612cd/klm
 Max.80-90:63.95cd/klm
 NRB 5101:Limited[5.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4766
90%	4289
80%	3813
70%	3336
60%	2860
50%	2383
40%	1906
30%	1430
20%	953
10%	477
5%	238

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-04-29

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:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-04-29

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:227.4V I:0.5340A P:119.0W PF:0.9790 Lamp Flux:17657.4x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 510*380*70MM	SPEC.:120	SERIAL No.:
MFR.:	SUR.:126*126MM	PROTECTION ANGLE:

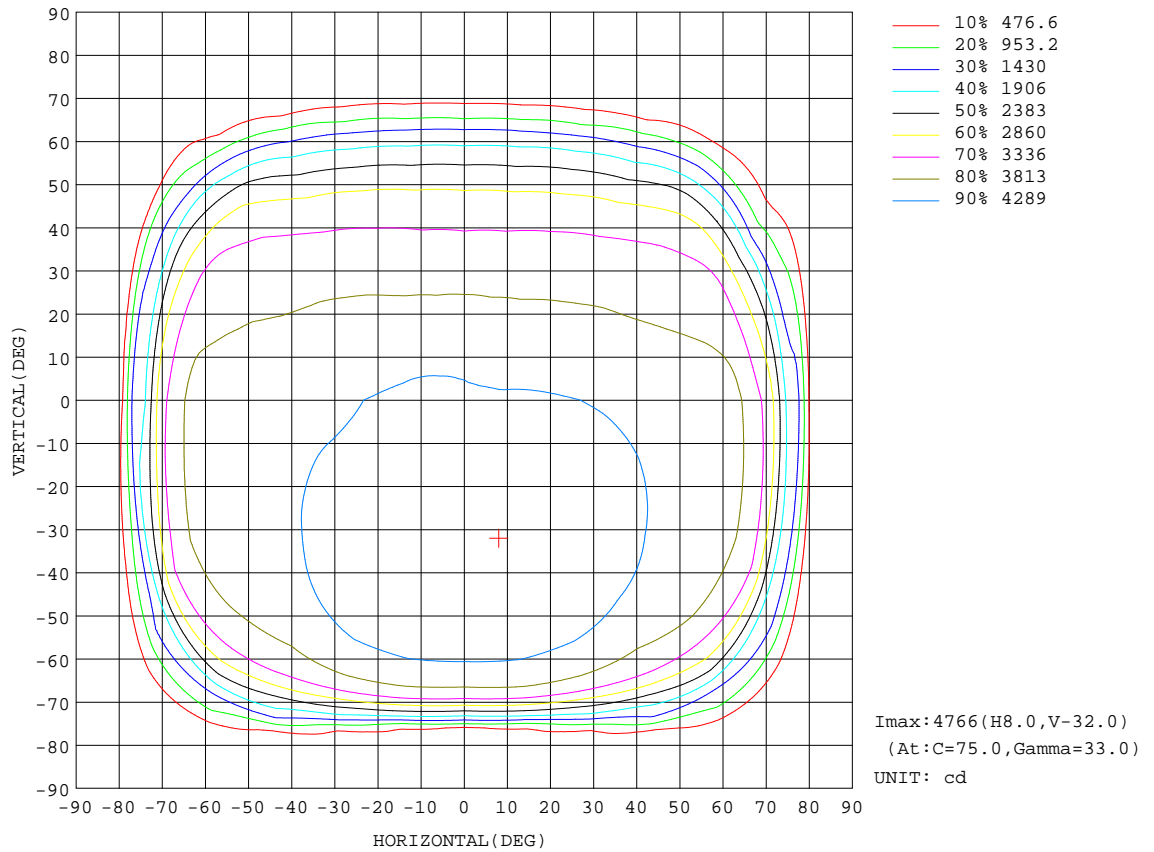
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4423	4532	4573	4466	4404	4259	4211	4224	0- 10	417.7	417.7	2.47,2.37
20	4347	4630	4723	4551	4317	4081	3984	4050	10- 20	1235	1653	9.75,9.36
30	4260	4650	4760	4565	4222	3865	3636	3836	20- 30	1976	3628	21.4,20.5
40	4142	4585	4754	4511	4085	3644	3306	3598	30- 40	2606	6234	36.8,35.3
50	4056	4435	4639	4368	3994	3284	2760	3230	40- 50	3075	9309	54.9,52.7
60	3994	4131	4317	4089	3958	2533	1790	2422	50- 60	3276	12585	74.3,71.3
70	3201	3423	3115	3427	3177	977.4	364.8	804.3	60- 70	2930	15515	91.6,87.9
80	436.6	566.7	235.3	638.3	333.9	58.02	5.990	51.01	70- 80	1317	16832	99.4,95.3
90	22.37	22.93	24.45	28.47	11.25	13.38	12.28	16.30	80- 90	110.0	16942	100,96
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:2021-04-29

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

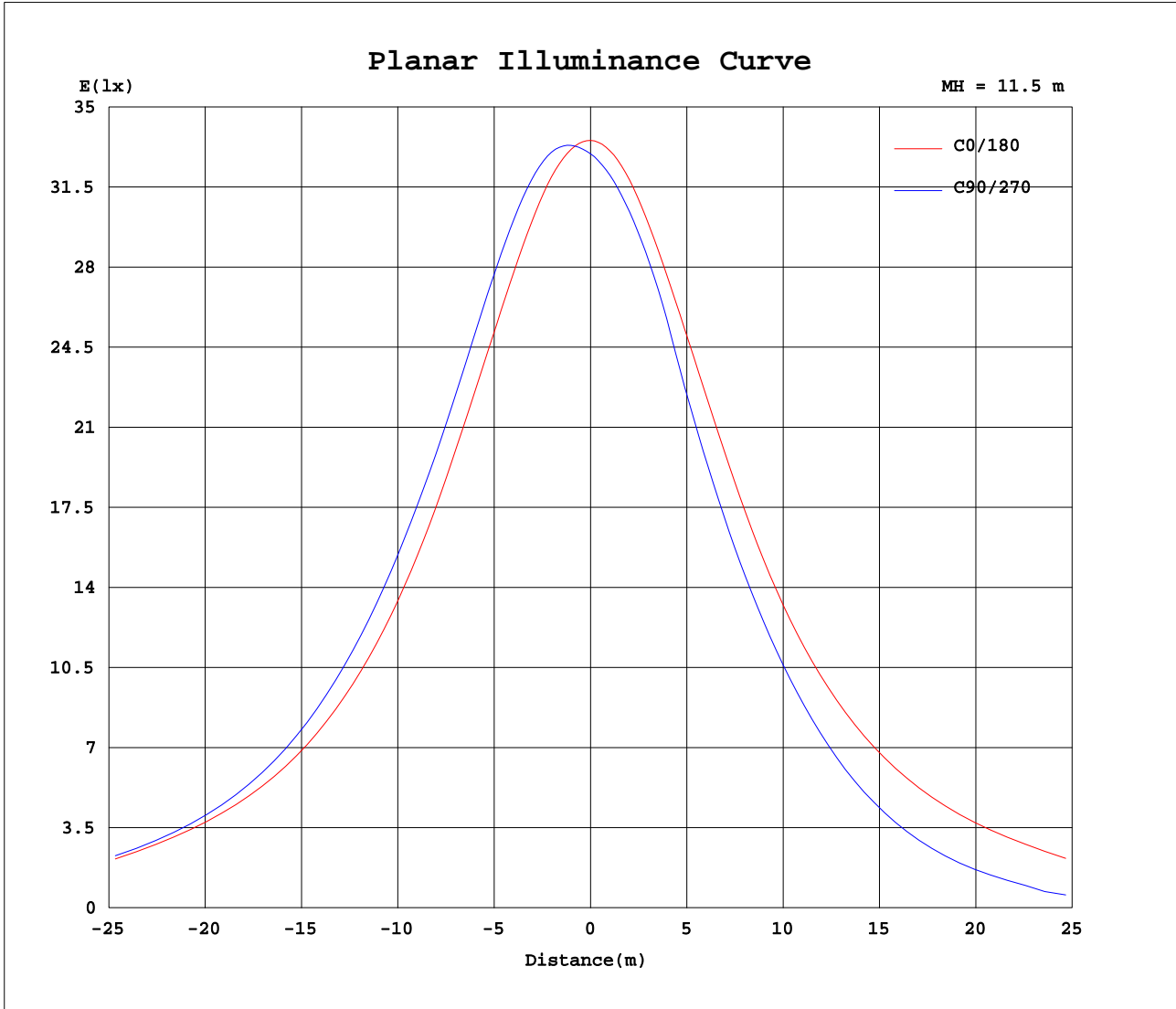
Test:U:227.4V I:0.5340A P:119.0W PF:0.9790 Lamp Flux:17657.4x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 510*380*70MM	SPEC.:120	SERIAL No.:
MFR.:	SUR.:126*126MM	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-04-29

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: 2021-04-29

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:

