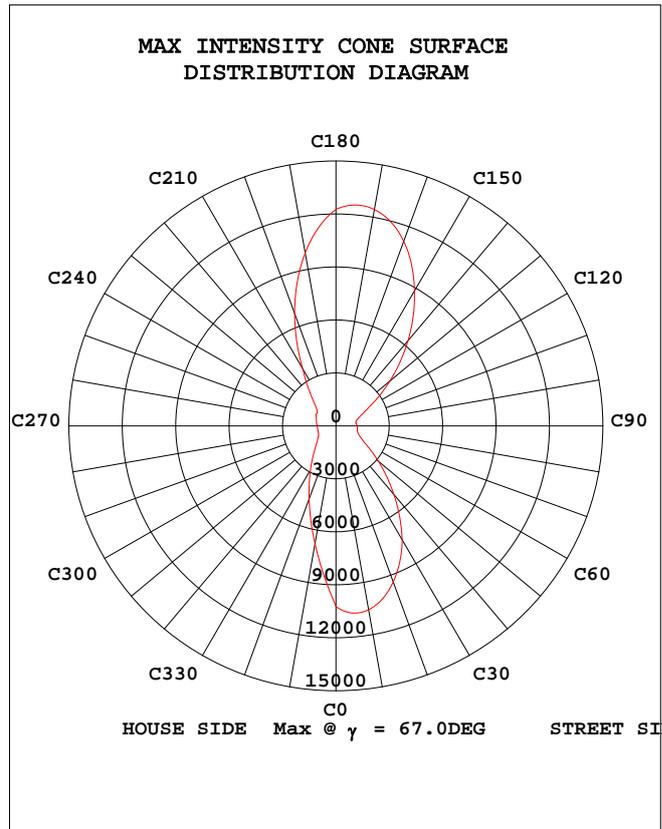
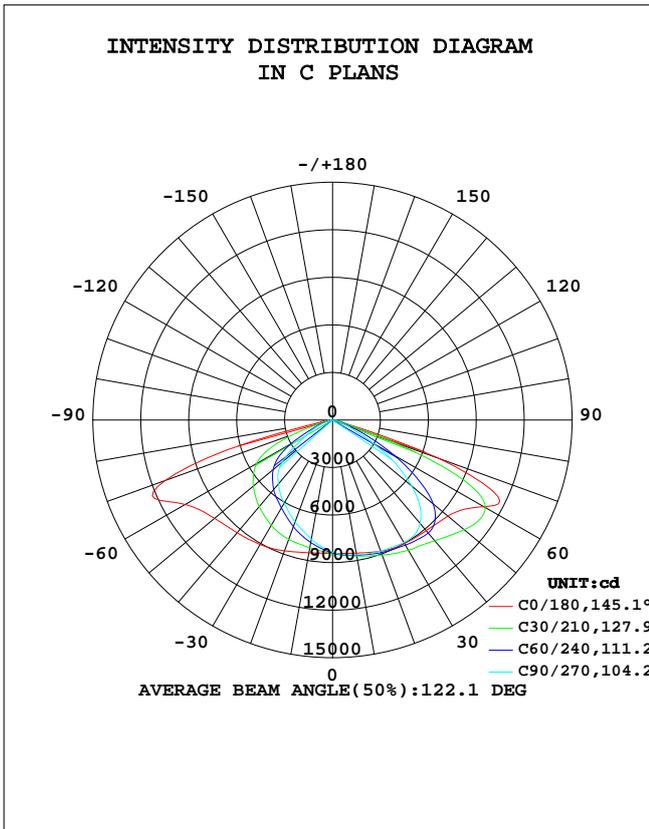


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:222.4V I:0.6780A P:154.9W PF:0.9800 Lamp Flux:30751.5x1 lm		
NAME: LIC2011027	TYPE:LED	WEIGHT:
DIM.:	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:46*312MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 198.52 lm/W			
MODEL	LIC2011027	I _{max} (cd)	12259	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	57.4
RATED VOLTAGE(V)	222	TOTAL FLUX(lm)	30751	η house_up(%)	0.0
NOMINAL FLUX(lm)	30751.5	MAXIMUM @(C,γ)	180,67.0	η house_down(%)	42.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	222.4	η down(%)	100.0	SLI	



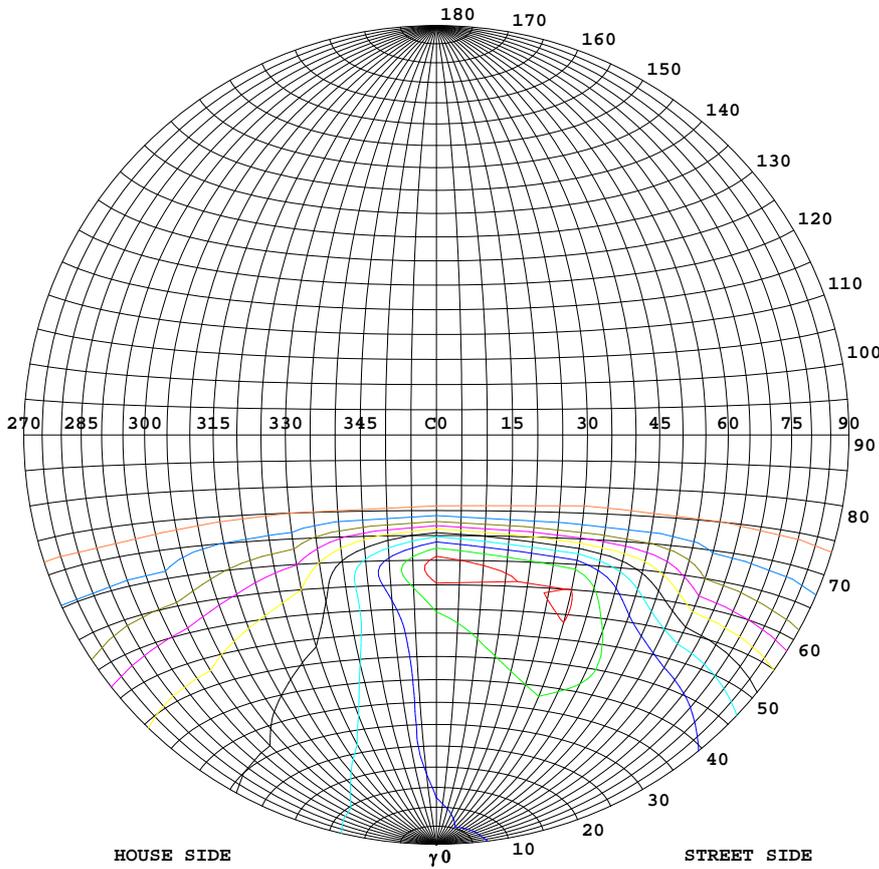
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-06-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 16.500m [K=1.0000]
 Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:222.4V I:0.6780A P:154.9W PF:0.9800 Lamp Flux:30751.5x1 lm		
NAME: LIC2011027	TYPE:LED	WEIGHT:
DIM.:	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:46*312MM	PROTECTION ANGLE:



Classification:

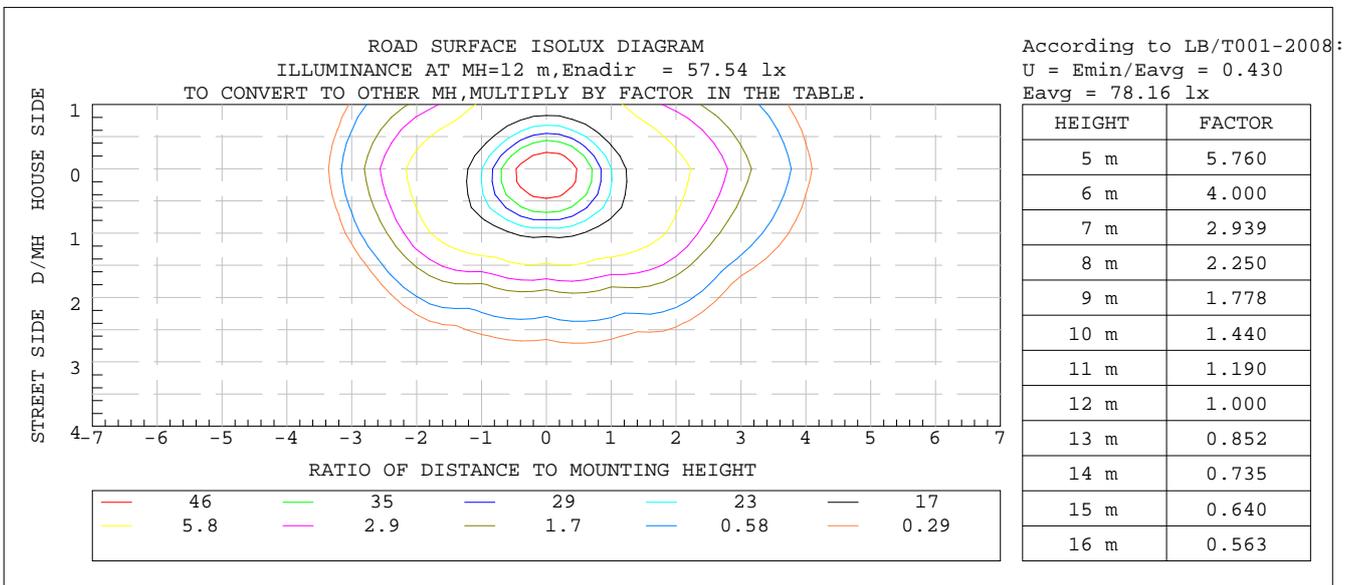
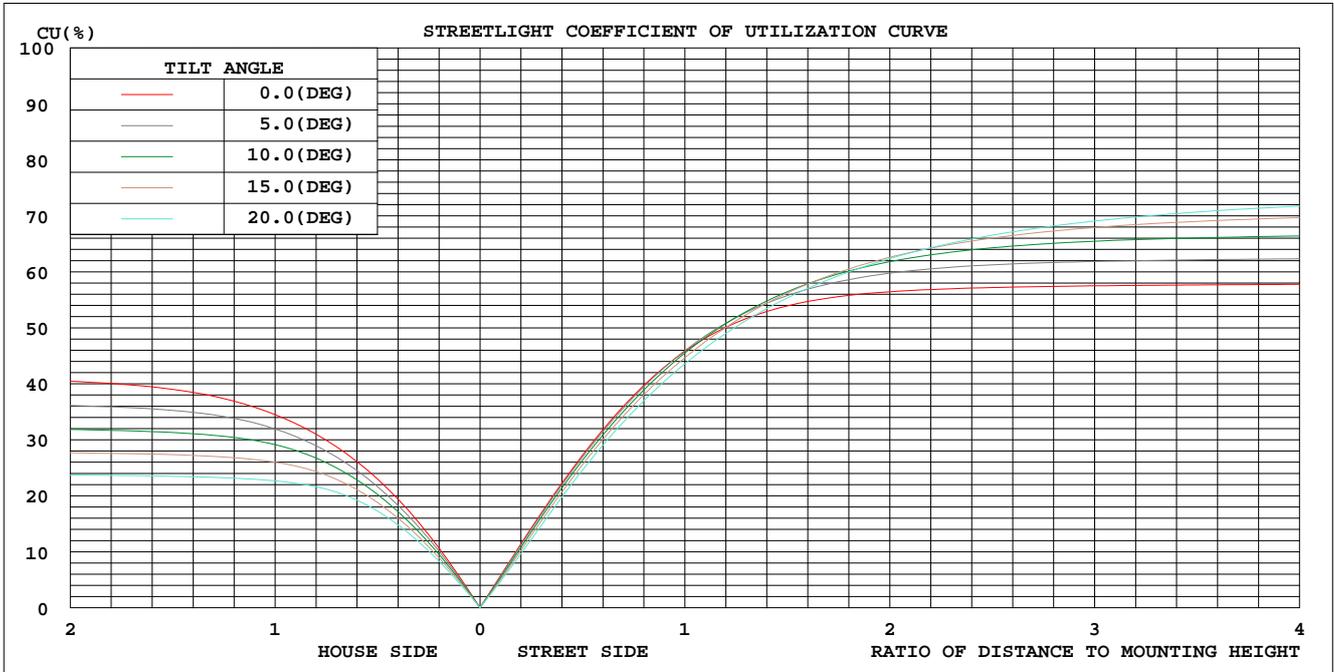
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:25.71cd/klm
 Max.At90:12.99cd/klm
 Max.80-90:25.71cd/klm
 NRB 5101:Limited[2.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	12259
90%	11033
80%	9807
70%	8581
60%	7355
50%	6130
40%	4904
30%	3678
20%	2452
10%	1226
5%	613

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-06-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-06-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 16.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:222.4V I:0.6780A P:154.9W PF:0.9800 Lamp Flux:30751.5x1 lm		
NAME: LIC2011027	TYPE:LED	WEIGHT:
DIM.:	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:46*312MM	PROTECTION ANGLE:

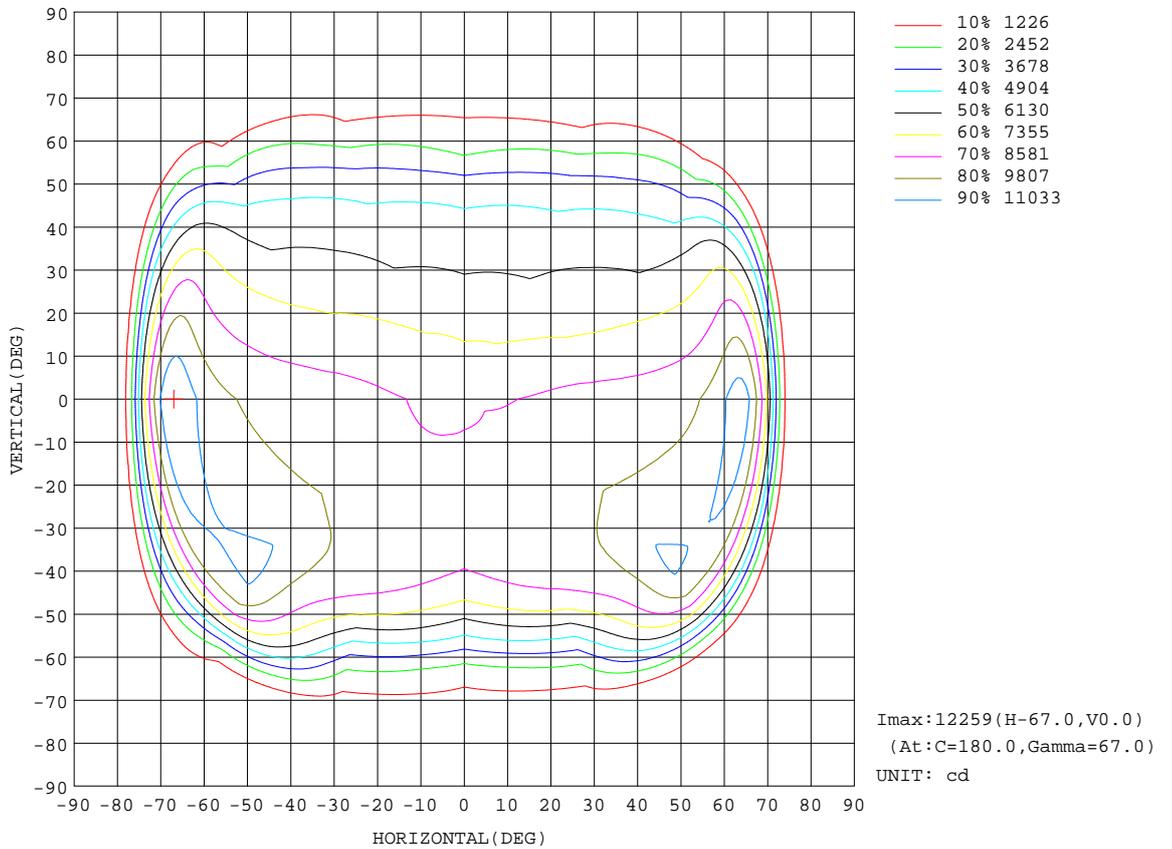
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	853.2	868.7	864.4	855.5	850.8	802.0	764.1	779.3	0- 10	793.3	793.3	2.58,2.58
20	880.5	898.3	880.6	890.7	878.9	759.0	685.3	730.4	10- 20	2340	3133	10.2,10.2
30	898.9	930.4	891.9	924.5	907.5	703.9	606.4	671.5	20- 30	3789	6922	22.5,22.5
40	911.5	963.2	852.5	961.8	928.9	643.7	528.1	612.1	30- 40	5067	11989	39,39
50	943.4	948.5	645.0	960.2	965.4	566.3	410.6	533.0	40- 50	6025	18014	58.6,58.6
60	1094	773.9	293.6	805.7	1066	427.2	180.5	376.4	50- 60	6168	24183	78.6,78.6
70	708.1	251.6	86.43	354.0	1113	172.3	76.95	125.2	60- 70	4925	29108	94.7,94.7
80	36.95	37.04	31.62	42.86	79.06	42.90	23.92	34.35	70- 80	1360	30468	99.1,99.1
90	22.59	17.23	14.05	15.61	39.95	19.28	12.60	17.98	80- 90	283.9	30751	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: x10cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-06-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

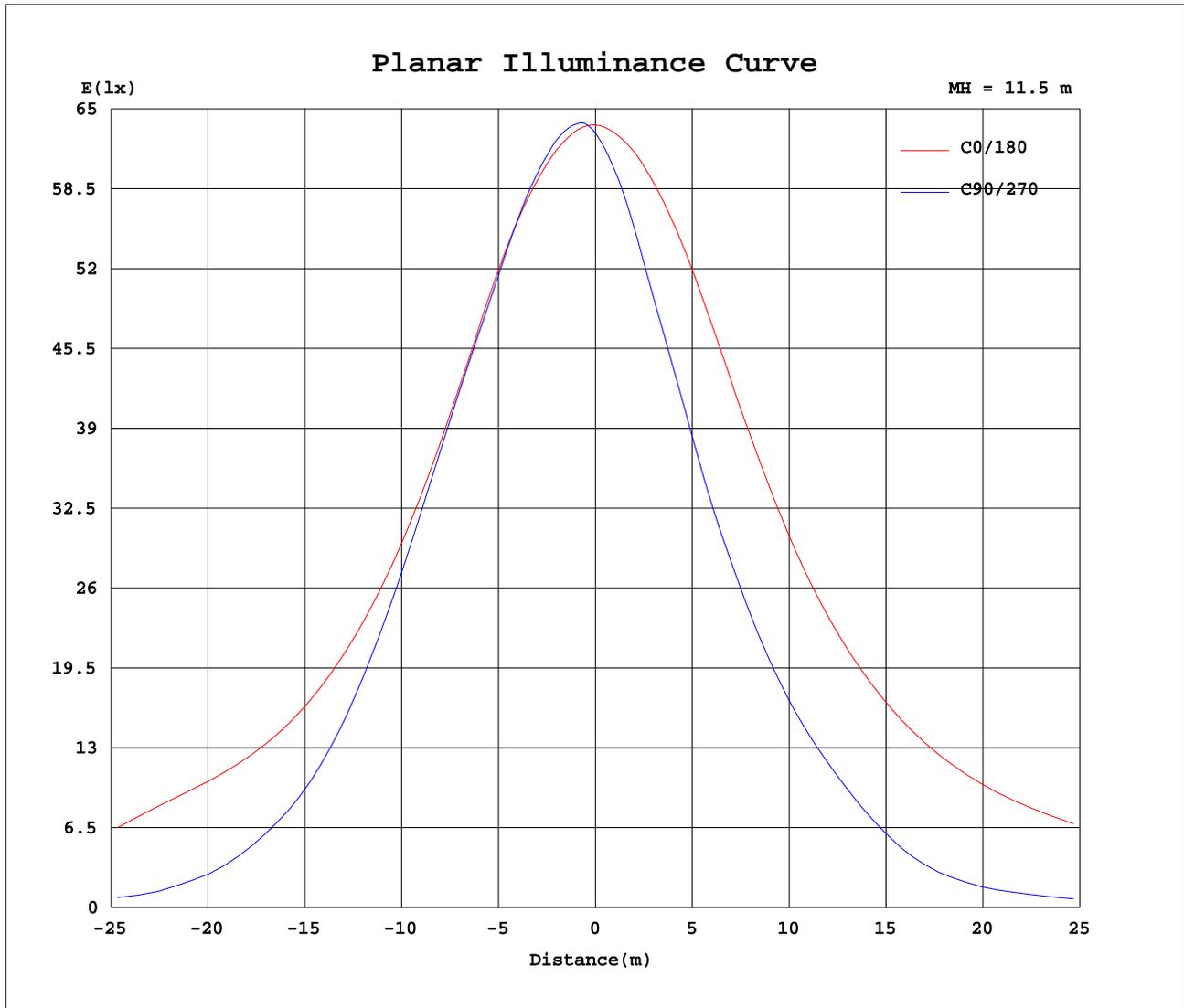
Test:U:222.4V I:0.6780A P:154.9W PF:0.9800 Lamp Flux:30751.5x1 lm		
NAME: LIC2011027	TYPE:LED	WEIGHT:
DIM.:	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:46*312MM	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-06-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:16.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-06-18

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 16.500m [K=1.0000]
 Remarks:

