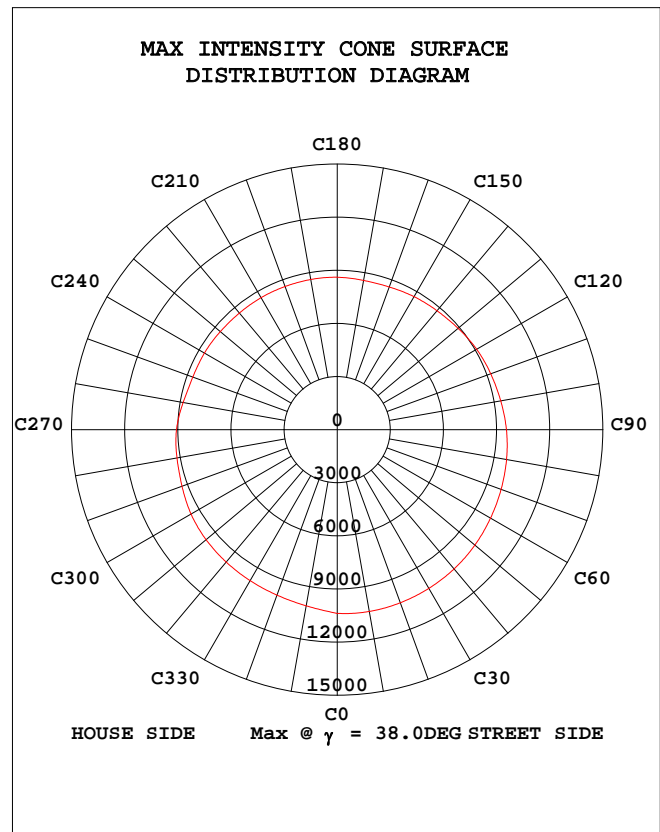
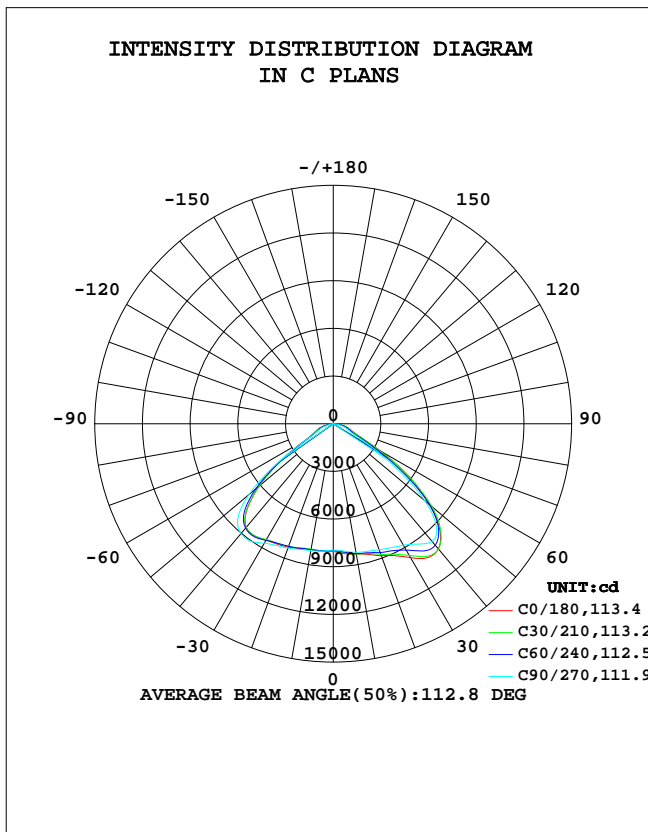


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.00 lm/W			
MODEL	ZGSM-SDD200H5	I <sub>max</sub> (cd)	10422	η street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	51.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	26000	η house_up(%)	0.0
NOMINAL FLUX(lm)	26000	MAXIMUM @(C,γ )	15,38.0	η house_down(%)	48.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220.1	η down(%)	100.0	SLI	22.164

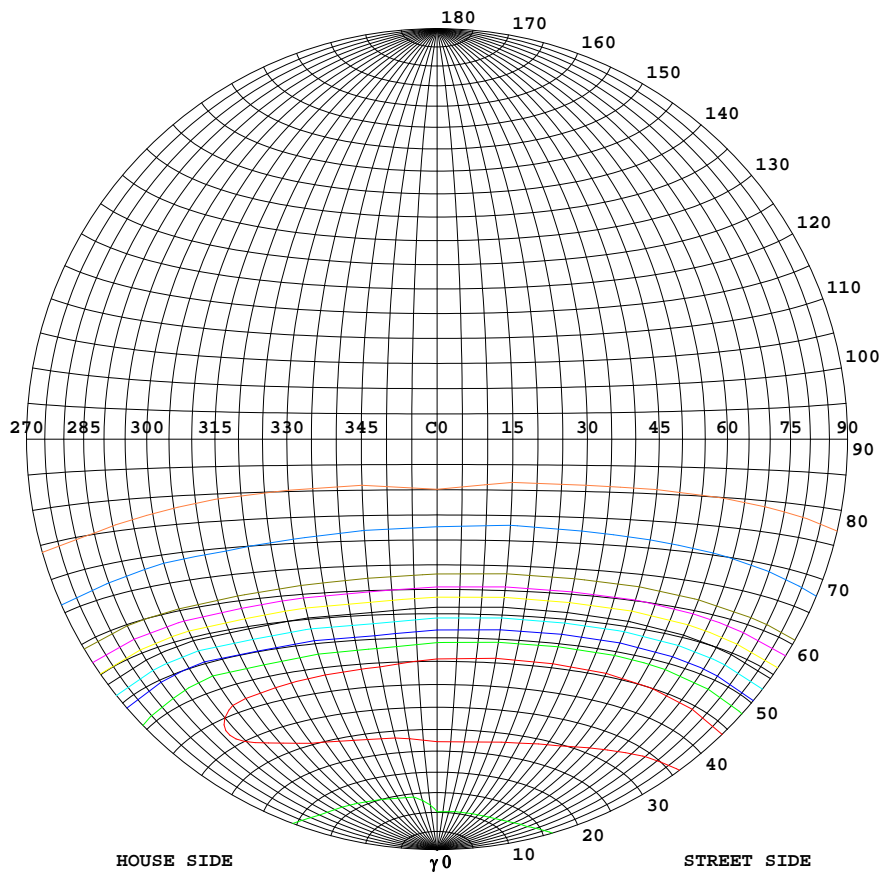


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:



Classification:

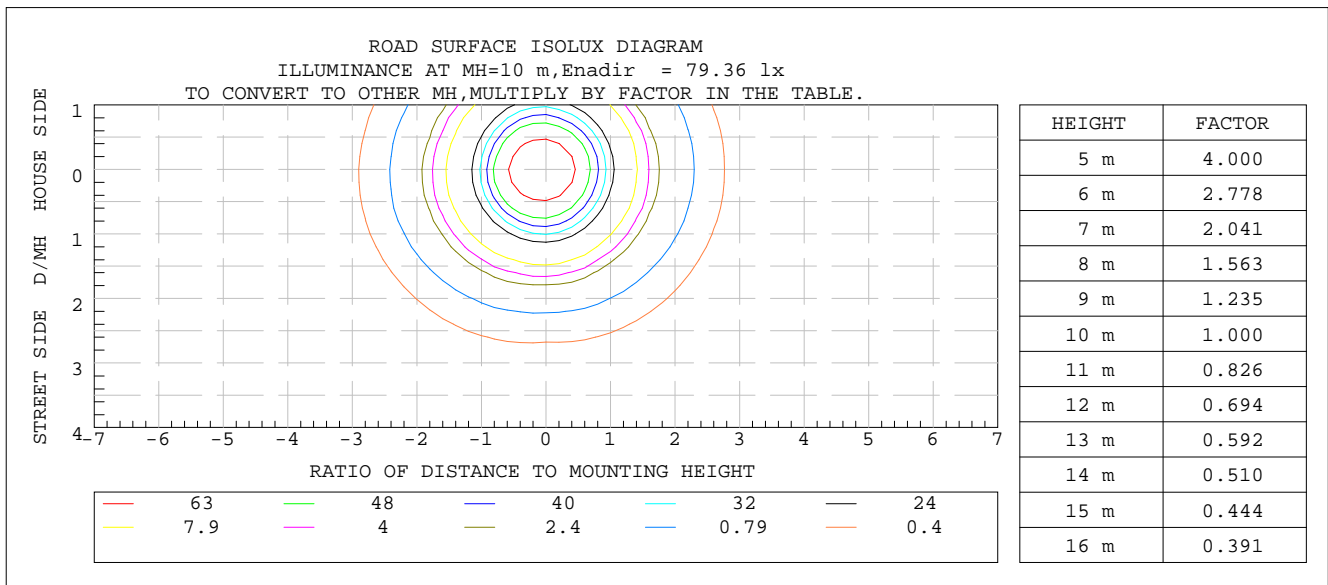
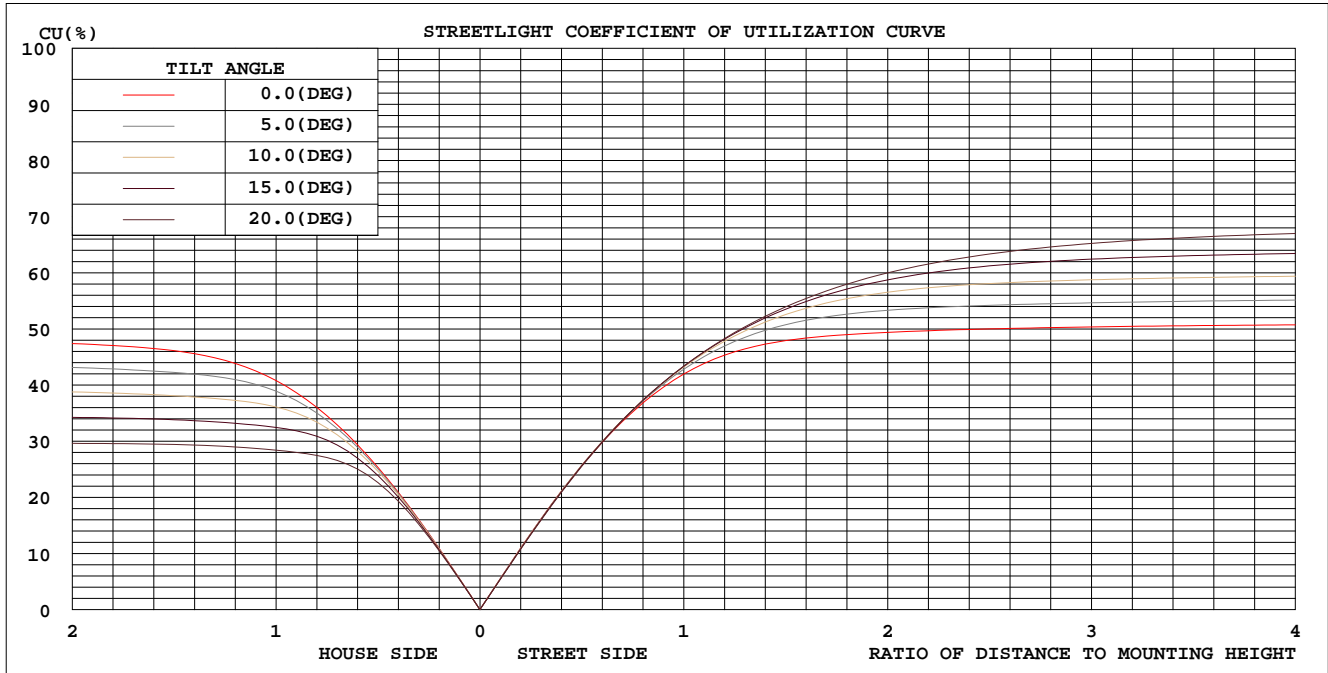
IES:Type V - Very Short  
 CIE:Narrow - Short  
 IES:Full cut-off  
 CIE:Full cut-off  
 Max.At80:24.72cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:24.72cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	10422
90%	9380
80%	8338
70%	7296
60%	6253
50%	5211
40%	4169
30%	3127
20%	2084
10%	1042
5%	521

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [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: DAMIN  
Test Date: 2018

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.480m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:

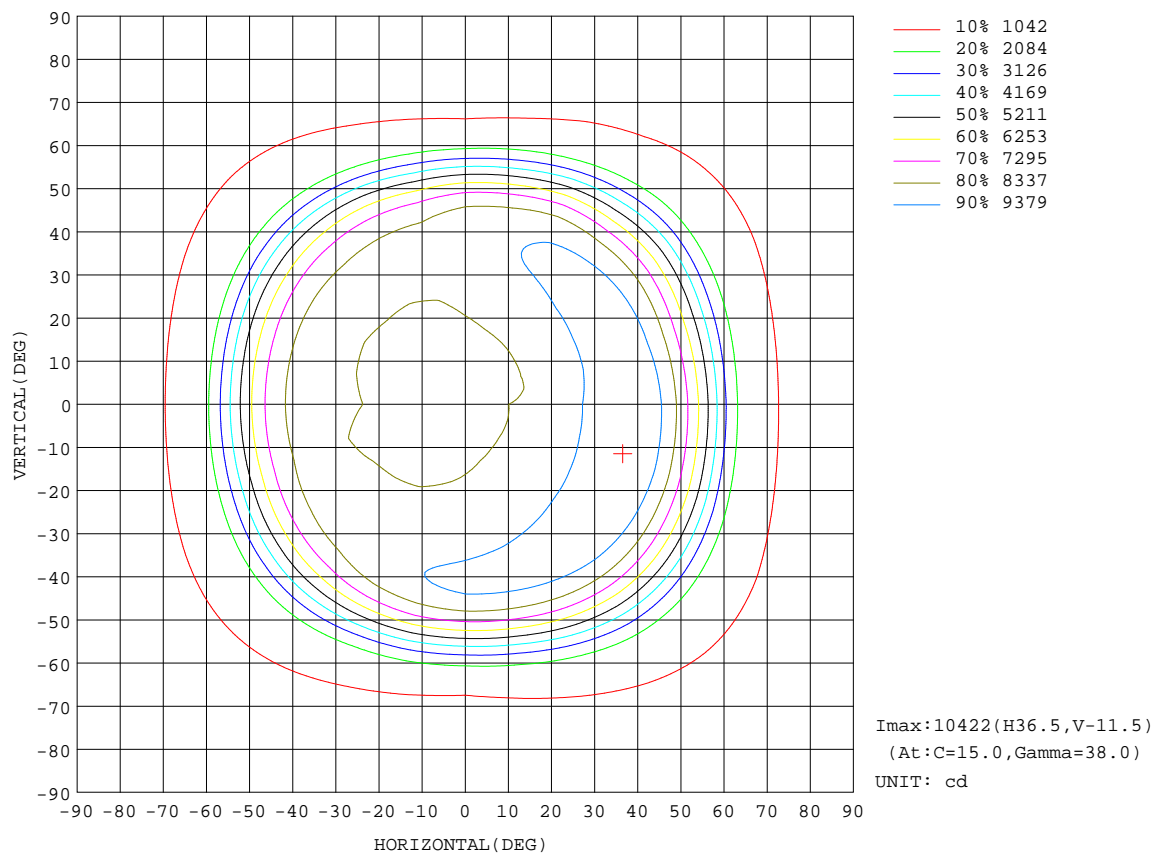
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	833.5	831.7	821.9	803.9	804.5	802.3	810.6	817.3	0- 10	771.6	771.6	2.97,2.97
20	883.4	869.4	844.0	825.3	826.1	820.1	832.3	855.7	10- 20	2348	3119	12,12
30	971.8	941.5	882.6	853.2	845.8	845.1	868.0	934.7	20- 30	4005	7124	27.4,27.4
40	1029	1017	966.6	877.9	851.5	850.7	903.0	963.1	30- 40	5791	12915	49.7,49.7
50	794.4	804.8	749.6	642.7	607.6	616.5	690.6	734.5	40- 50	6540	19455	74.8,74.8
60	336.1	318.6	232.9	200.2	193.7	180.4	182.2	243.6	50- 60	4153	23608	90.8,90.8
70	121.3	112.7	89.53	99.32	101.7	97.42	82.08	101.5	60- 70	1428	25036	96.3,96.3
80	52.79	58.40	33.12	42.85	35.42	34.94	16.18	45.14	70- 80	769.8	25806	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	194.2	26000	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: $\times 10\text{cd}$									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

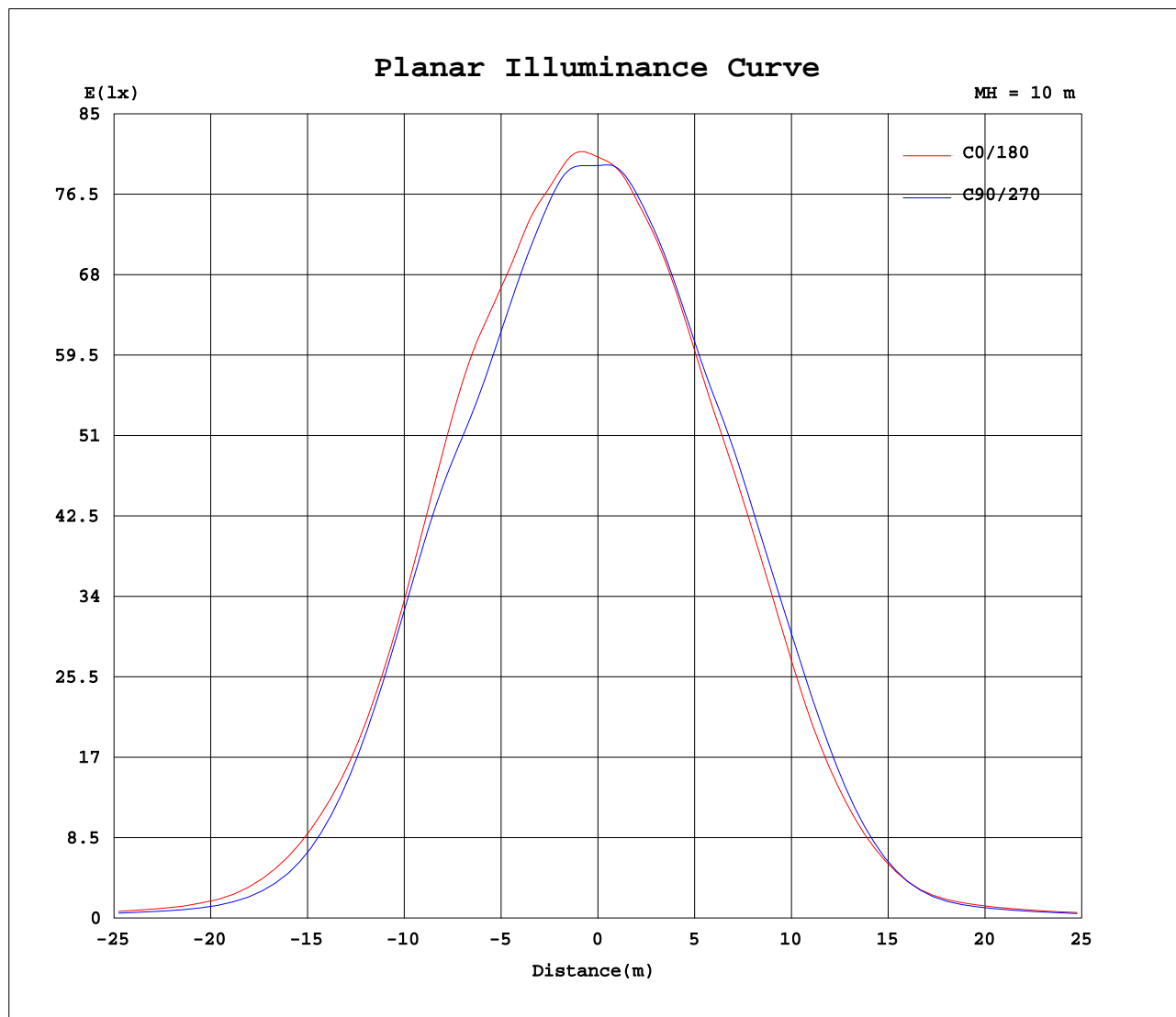
NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve

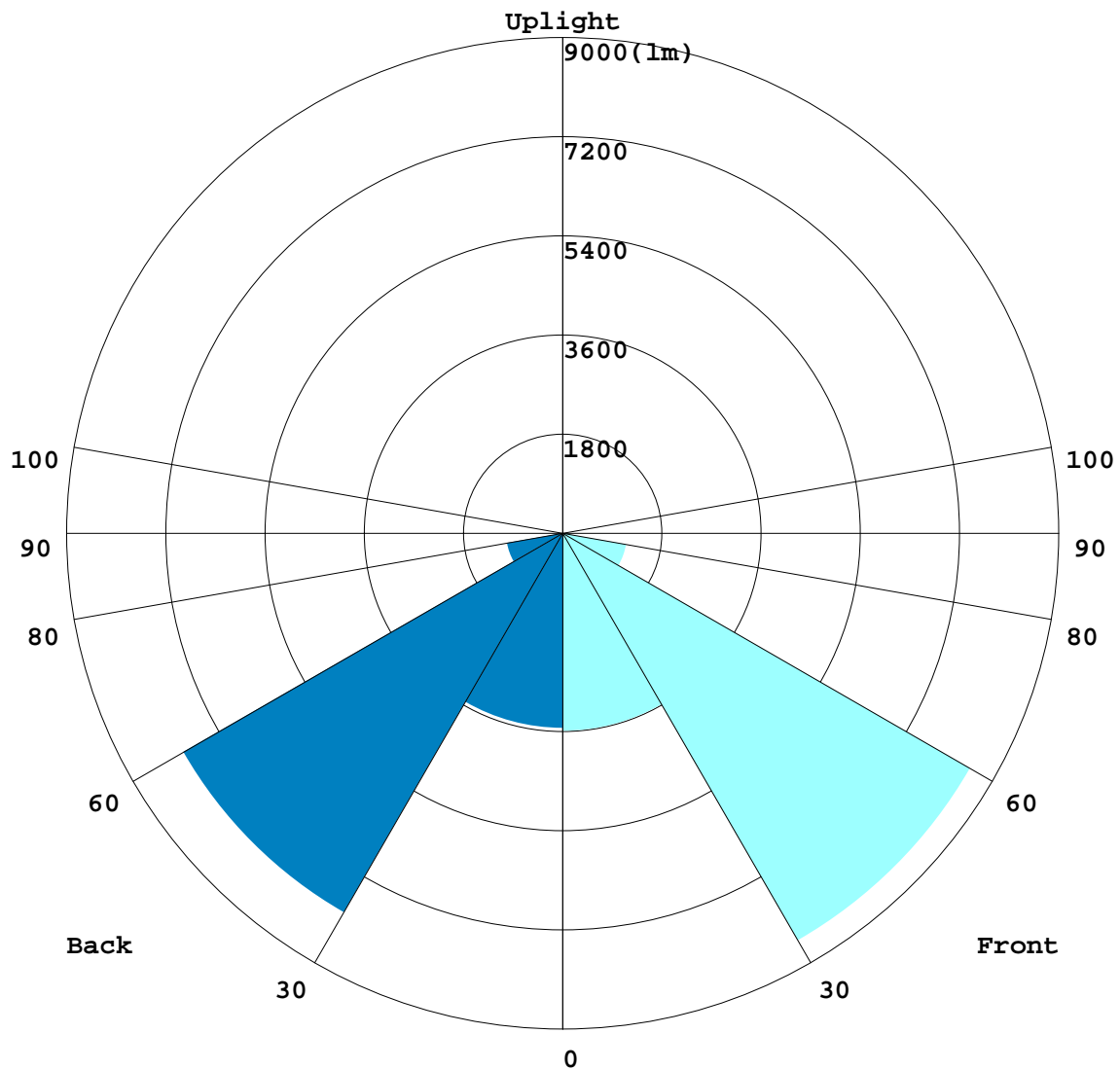


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 10.480m [K=1.0000]  
 Remarks:

**LCS REPORT**

NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

### BUG REPORT

NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3588.9	13.8
FM - Front-Medium(30-60)	8536.7	32.8
FH - Front-High(60-80)	1171.7	4.5
FVH - Front-Very High(80-90)	116.32	0.4
Total Forward Light	13414	51.6

BL - Back-Low(0-30)	3535	13.6
BM - Back-Medium(30-60)	7947.3	30.6
BH - Back-High(60-80)	1026	3.9
BVH - Back-Very High(80-90)	77.918	0.3
Total Back Light	12586	48.4

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B4-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12586	0	12586
Street Side	13414	0	13414

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

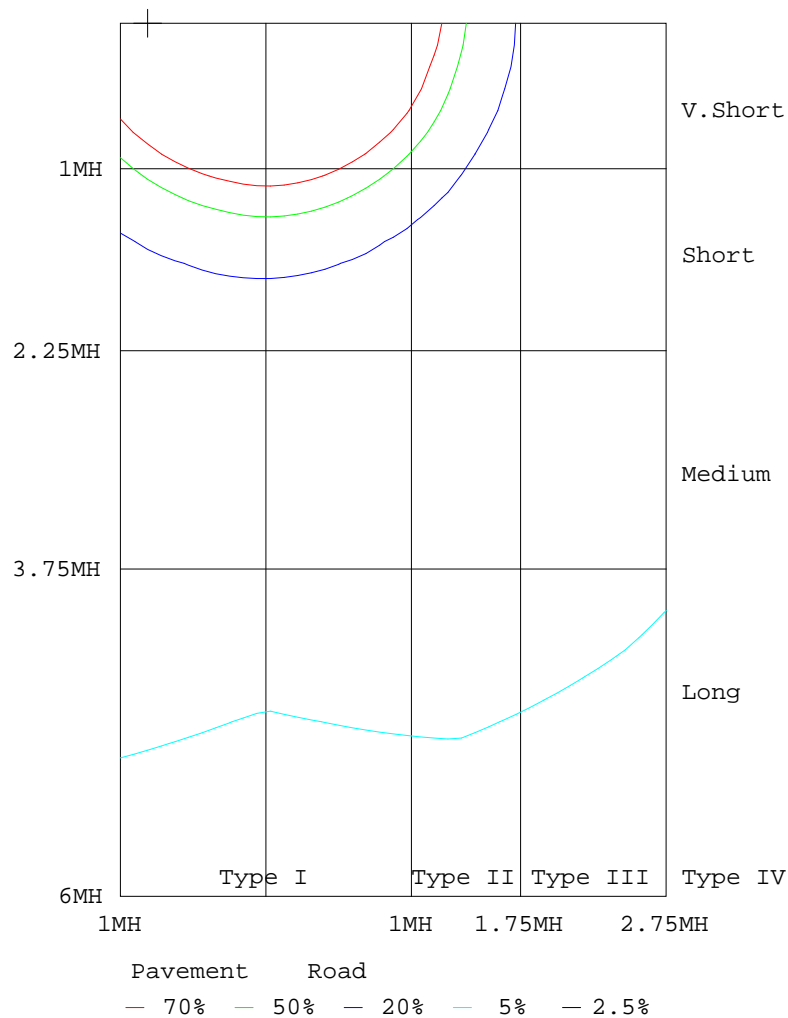
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:



**ROAD ISOCANDELA REPORT**

NAME: LED Tunnel Lights	TYPE:5S 3030	WEIGHT:5.2kg
SPEC.:	DIM.: 385*270*165mm	SERIAL No.:
MFR.: EVERFINE	SUR.:250*296 mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

```

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

```