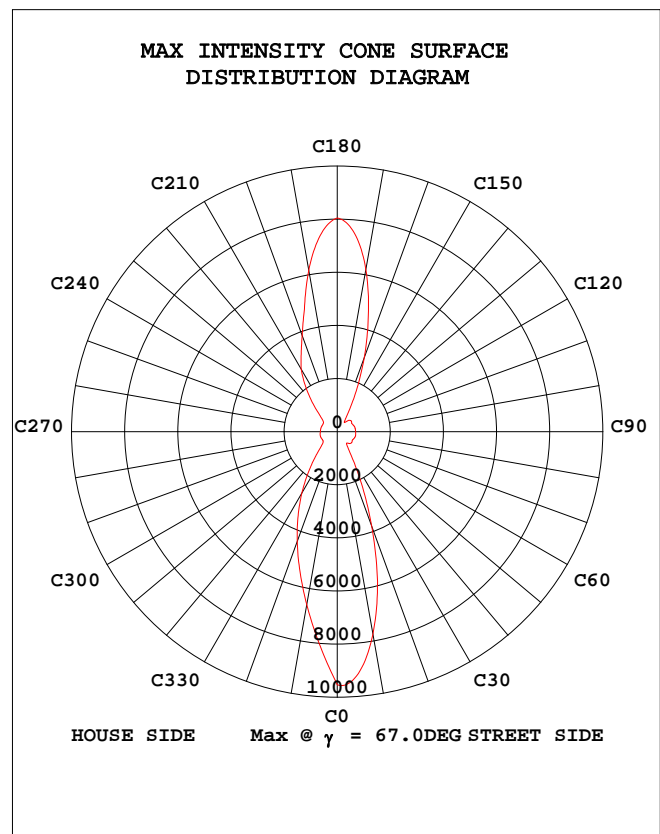
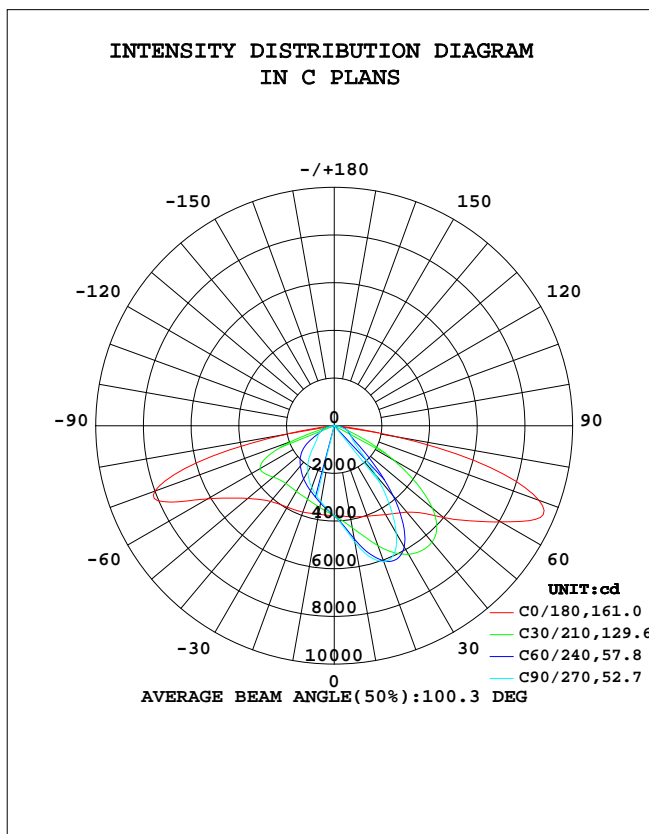


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: LED Tunnel Lights	TYPE:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.00 lm/W			
MODEL	ZGSM-SDD120H6	I _{max} (cd)	9525	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	100.0	η street_down(%)	57.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15000	η house_up(%)	0.0
NOMINAL FLUX(lm)	15000	MAXIMUM @(C,γ)	0,67.0	η house_down(%)	42.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220.1	η down(%)	100.0	SLI	24.911

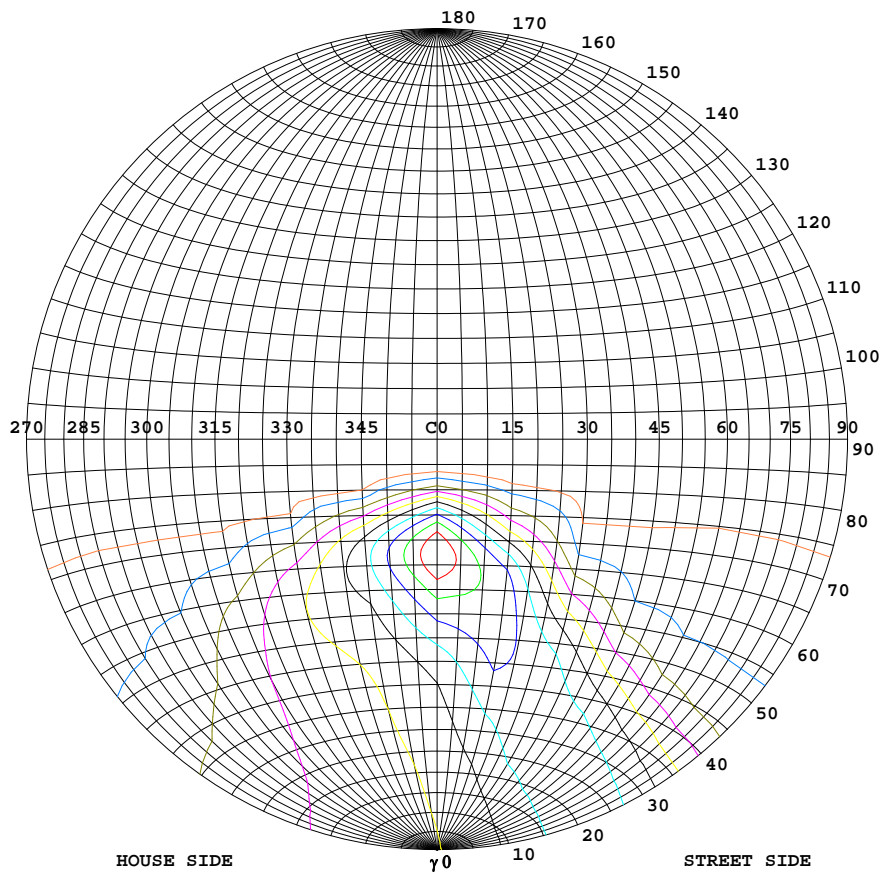


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018

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:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 mm	Shielding Angle:



Classification:

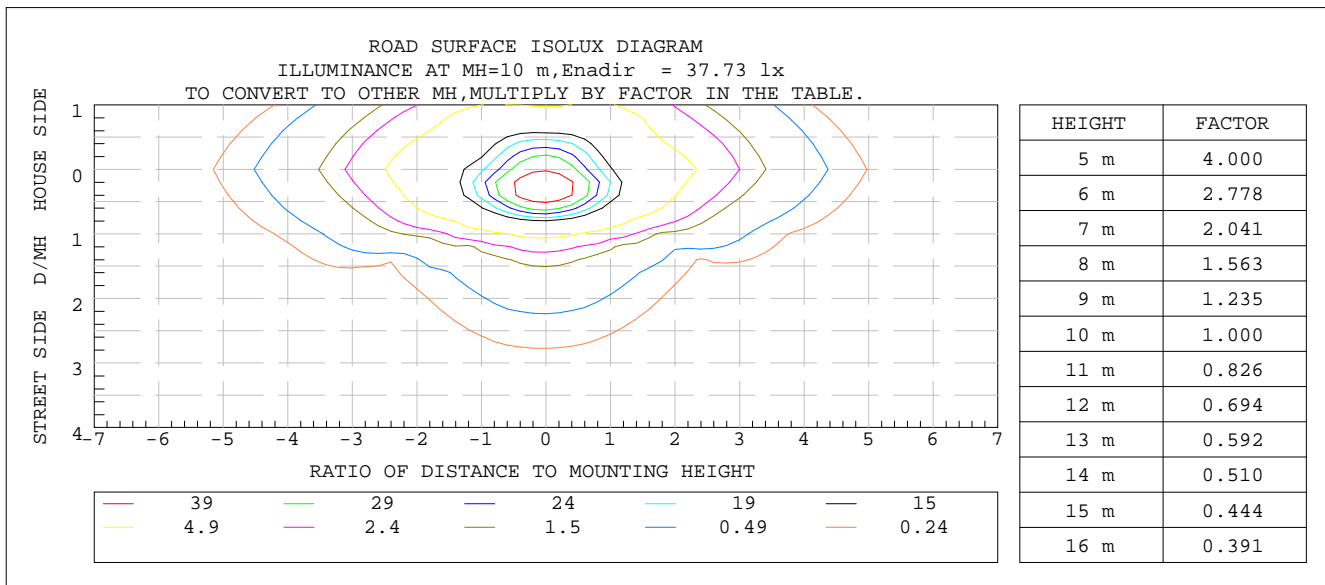
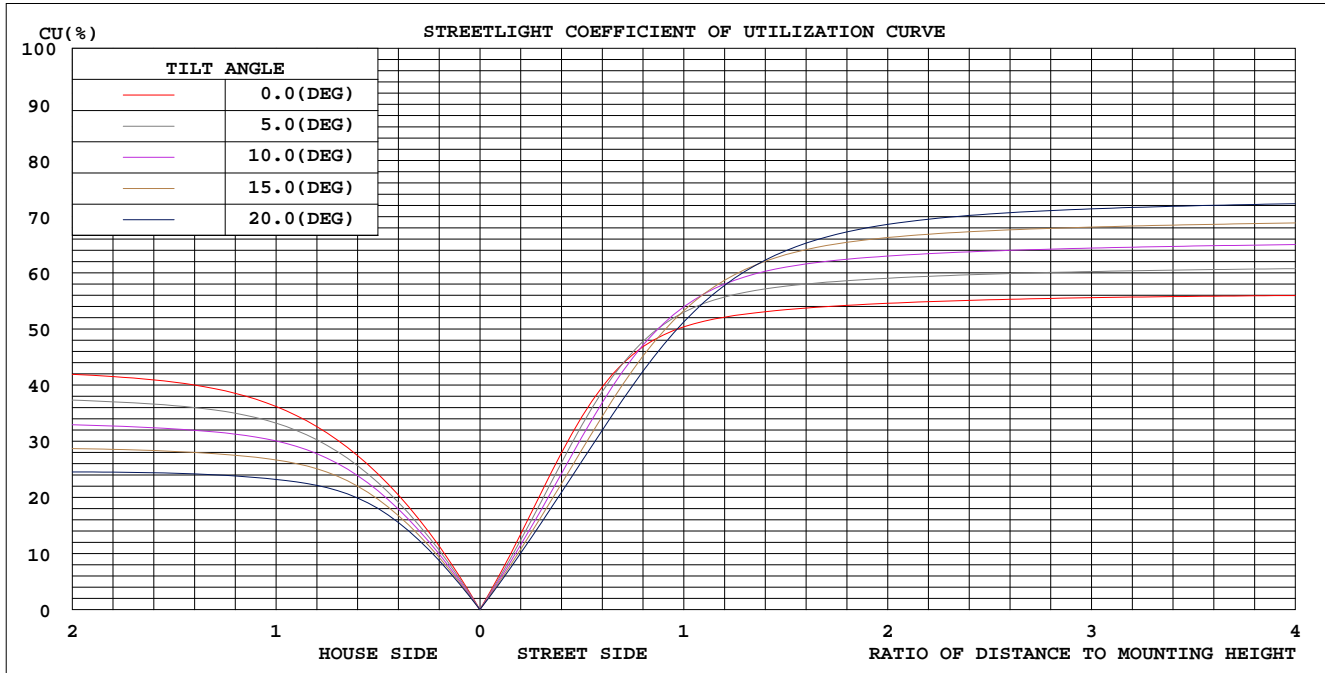
IES:Type I - Medium
 CIE:Narrow - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:169.7cd/klm
 Max.At90:0cd/klm
 Max.80-90:169.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9525
90%	8572
80%	7620
70%	6667
60%	5715
50%	4762
40%	3810
30%	2857
20%	1905
10%	952
5%	476

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:

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

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:

ZONAL FLUX DIAGRAM

NAME: LED Tunnel Lights	TYPE:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 mm	Shielding Angle:

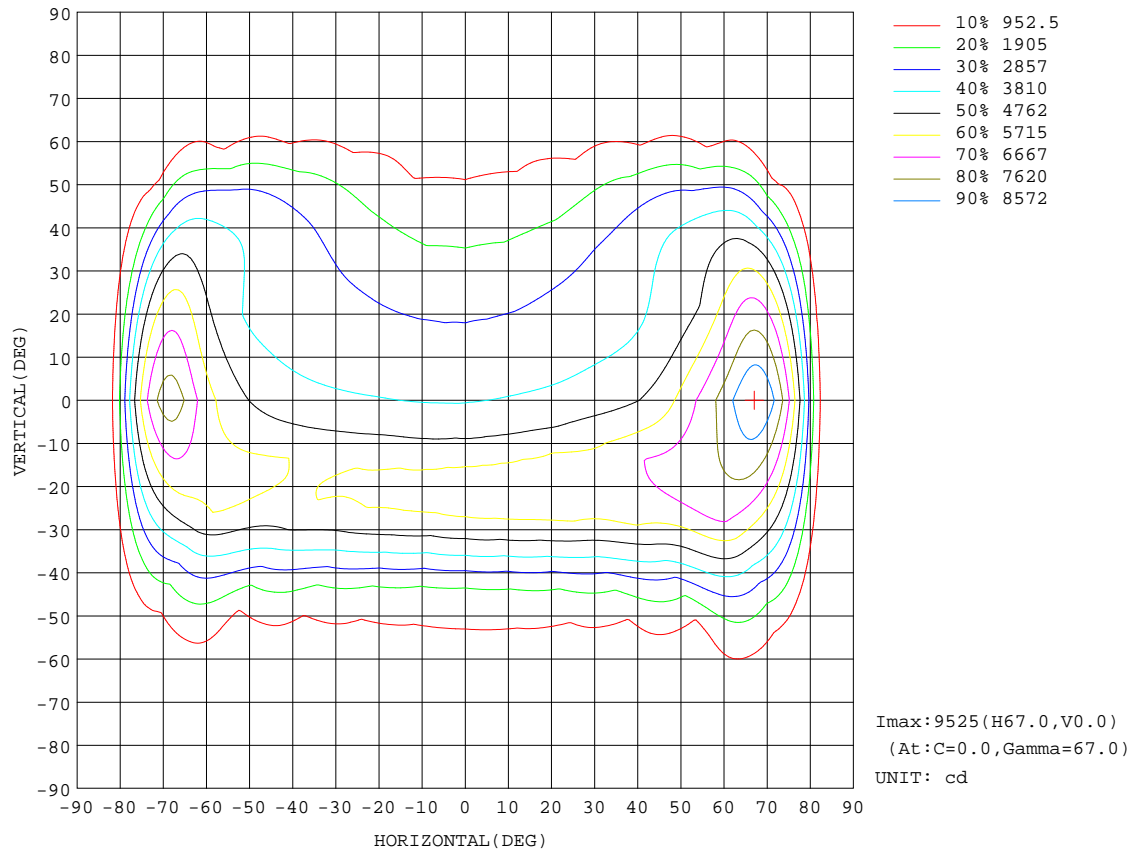
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	3873	4595	4947	4493	3770	3380	3237	3415	0- 10	369.5	369.5	2.46,2.46
20	4040	5815	6060	5579	3853	3068	2763	3160	10- 20	1179	1549	10.3,10.3
30	4303	6299	5207	5910	3946	2882	2219	3020	20- 30	1998	3546	23.6,23.6
40	4738	5190	2728	4758	4149	2783	1568	2898	30- 40	2496	6042	40.3,40.3
50	5992	2802	1093	2481	4743	2759	987.3	2730	40- 50	2566	8609	57.4,57.4
60	8066	948.5	809.4	878.4	6138	2185	781.1	2037	50- 60	2532	11140	74.3,74.3
70	9131	565.7	617.5	543.1	8000	613.5	521.3	623.5	60- 70	2375	13515	90.1,90.1
80	2545	294.4	244.1	276.3	1998	272.4	43.42	259.0	70- 80	1303	14818	98.8,98.8
90	0	0	0	0	0	0	0	0	80- 90	182.3	15000	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: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:

ISOCANDELA DIAGRAM

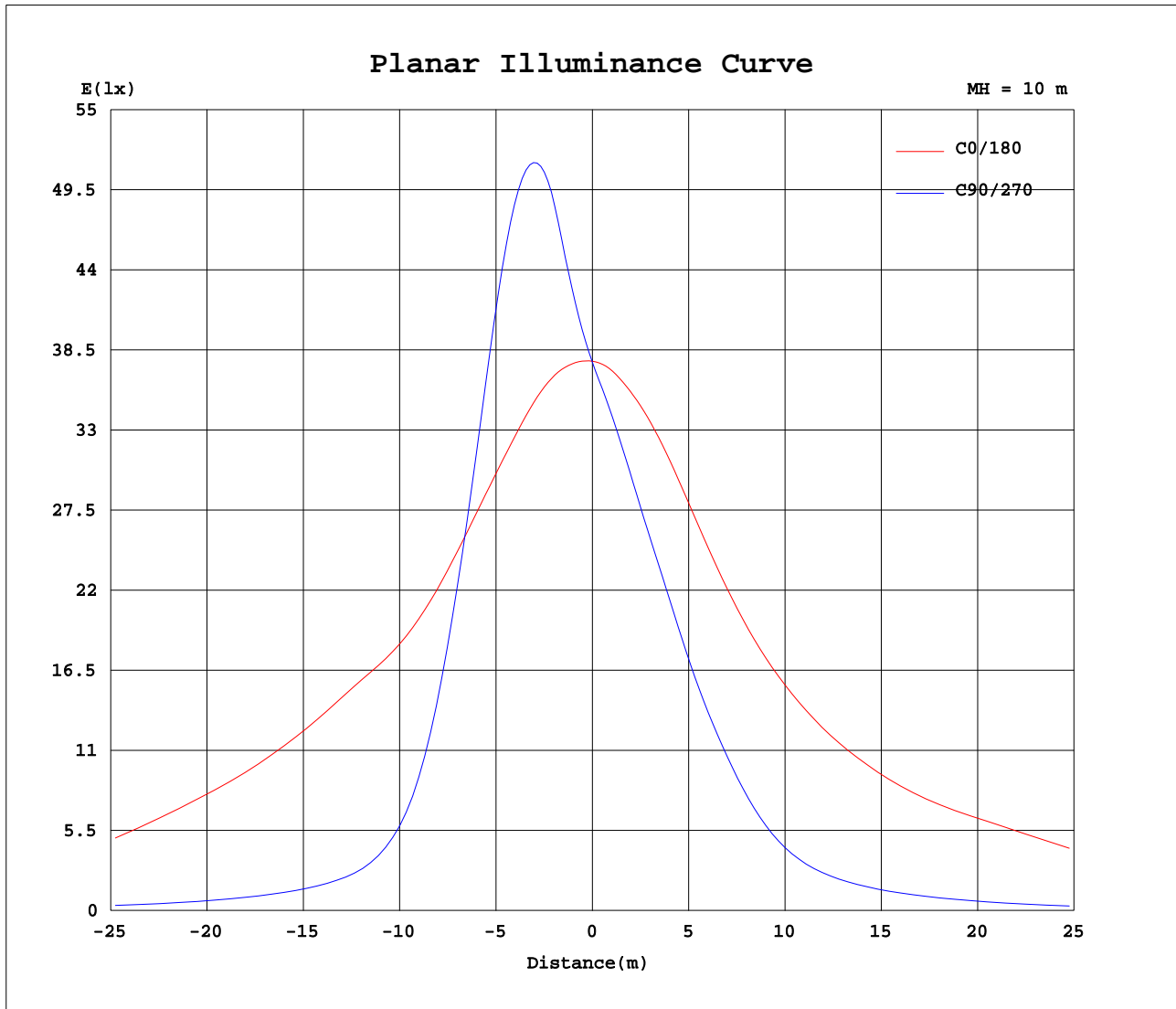
NAME: LED Tunnel Lights	TYPE:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 mm	Shielding Angle:



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

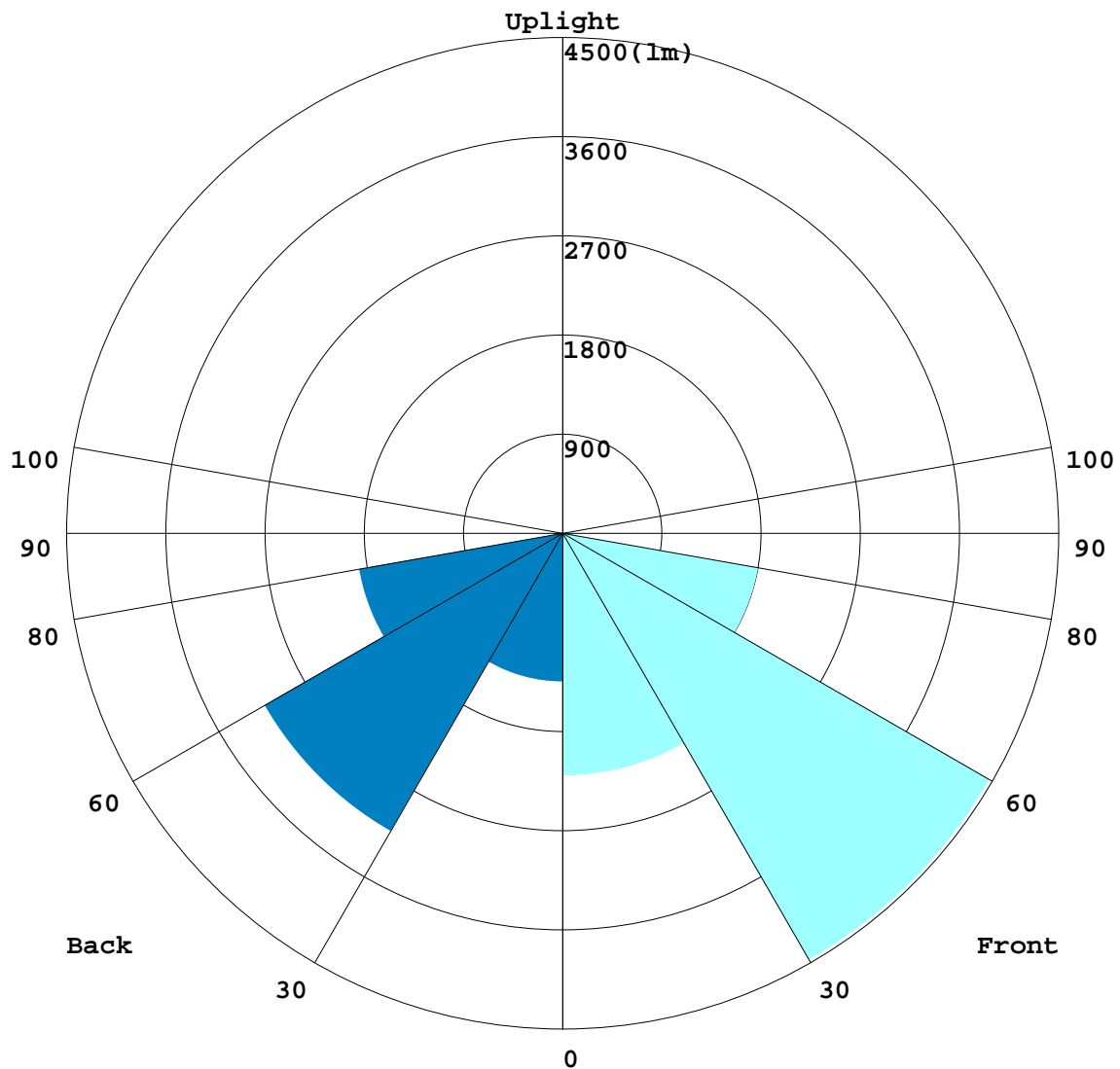


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018

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:

LCS REPORT

NAME: LED Tunnel Lights	TYPE:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 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:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2199.2	14.7
FM - Front-Medium(30-60)	4471.1	29.8
FH - Front-High(60-80)	1803.1	12.0
FVH - Front-Very High(80-90)	106.6	0.7
Total Forward Light	8580	57.2

BL - Back-Low(0-30)	1347.2	9.0
BM - Back-Medium(30-60)	3122.7	20.8
BH - Back-High(60-80)	1874.3	12.5
BVH - Back-Very High(80-90)	75.74	0.5
Total Back Light	6419.9	42.8

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	B3-U0-G3
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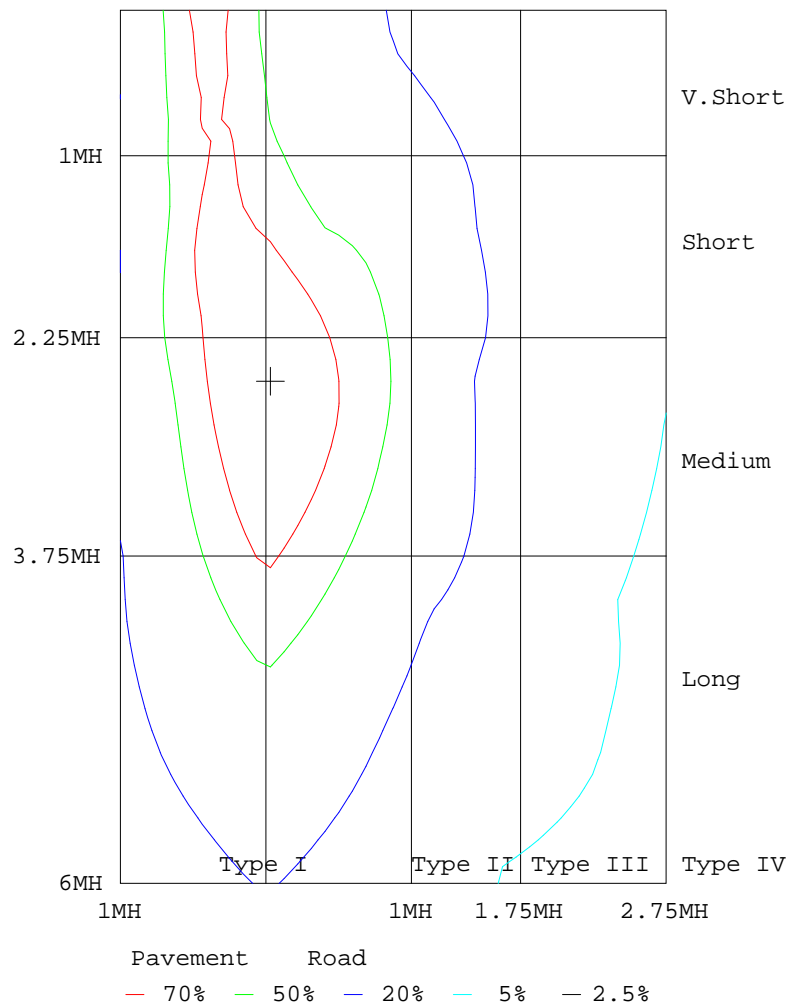
Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6419.9	0	6419.9
Street Side	8580	0	8580

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:1M 3030	WEIGHT:3.5kg
SPEC.:	DIM.: 239*270*165mm	SERIAL No.:
MFR.: ZGSM	SUR.:250*144 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

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:

```

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:

```

```

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:

```