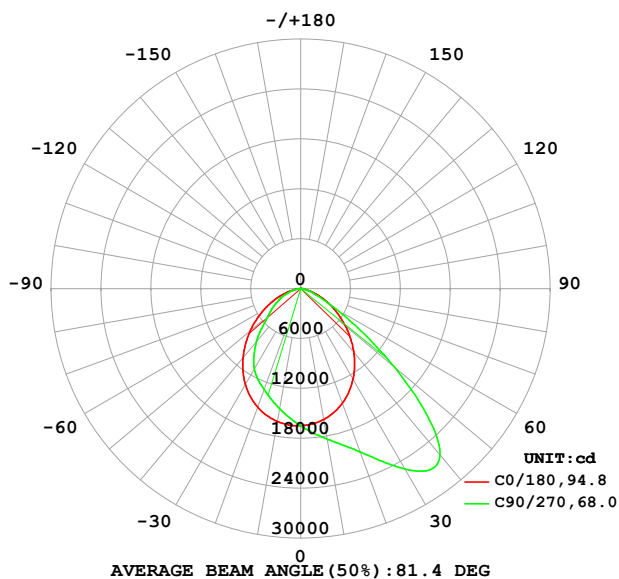
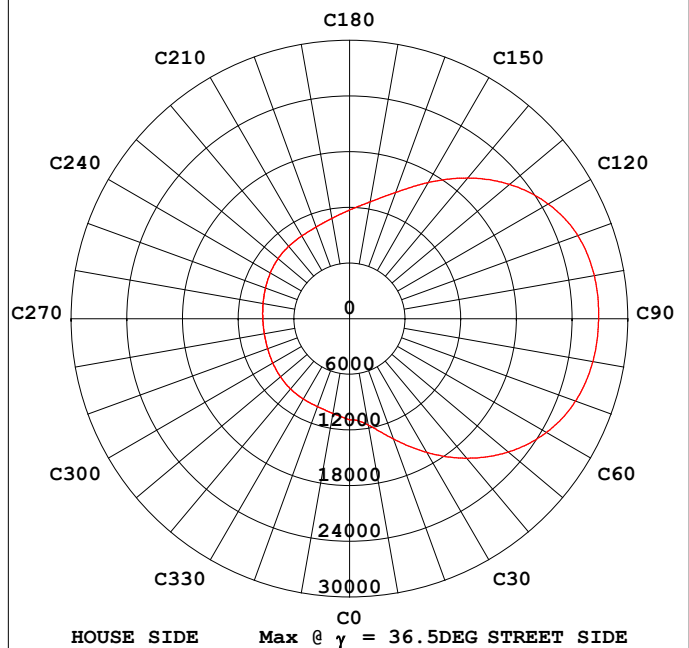


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.5V I:1.3304A P:297.2W PF:0.9733 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:46281.6x1 lm		
NAME: X504-457KA-9060 (300W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

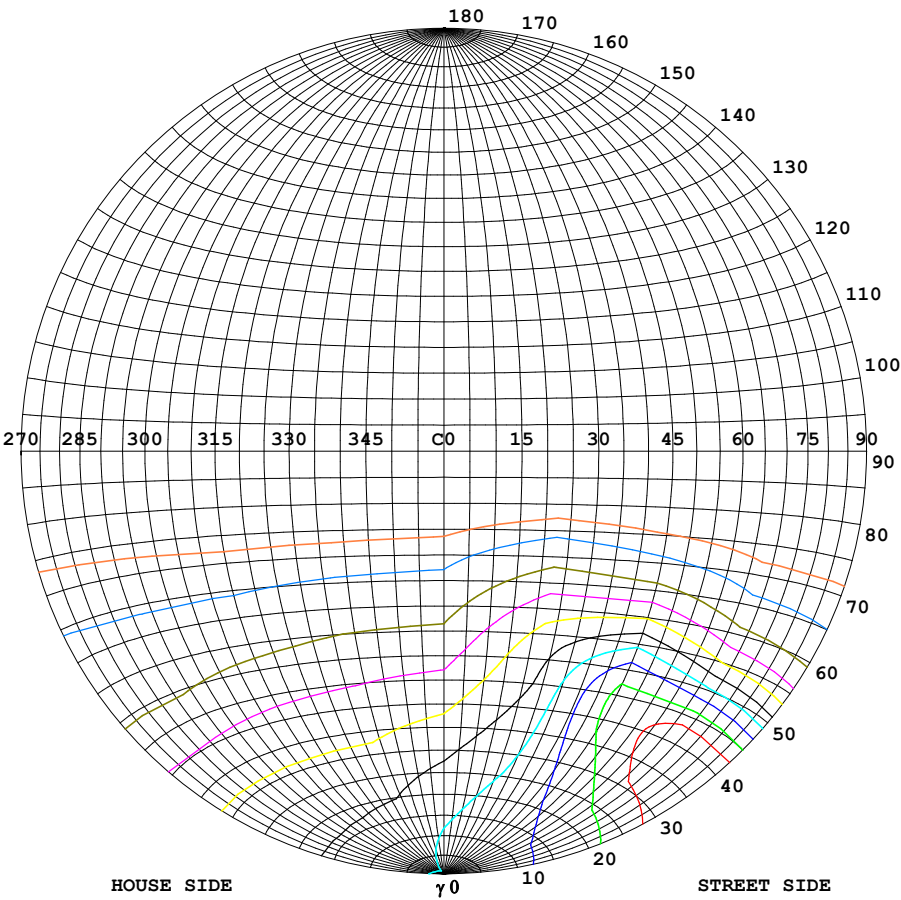
DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.72 lm/W			
MODEL	/	I _{max} (cd)	26833	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	64.5
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	46282	η house_up (%)	0.0
NOMINAL FLUX (lm)	46281.6	MAXIMUM @ (C, γ)	90, 36.5	η house_down (%)	35.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: HXL
Test Date: 2024-11-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity: 65.0%
Test Distance: 9.990m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



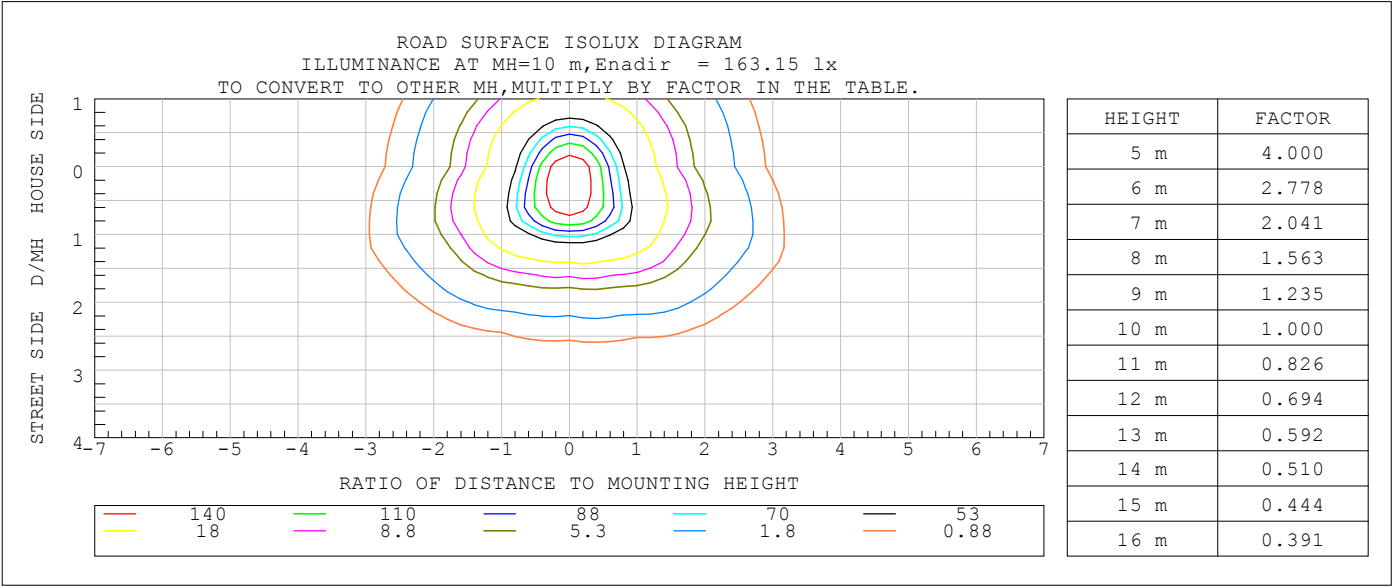
Classification:
IES:Type II - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:29.94cd/klm
Max.At90:0.4356cd/klm
Max.80-90:29.94cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		26833
90%		24150
80%		21466
70%		18783
60%		16100
50%		13417
40%		10733
30%		8050
20%		5367
10%		2683
5%		1342

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HXL
Test Date:2024-11-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity:65.0%
Test Distance:9.990m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: HXL
Test Date: 2024-11-11

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity: 65.0%
Test Distance: 9.990m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

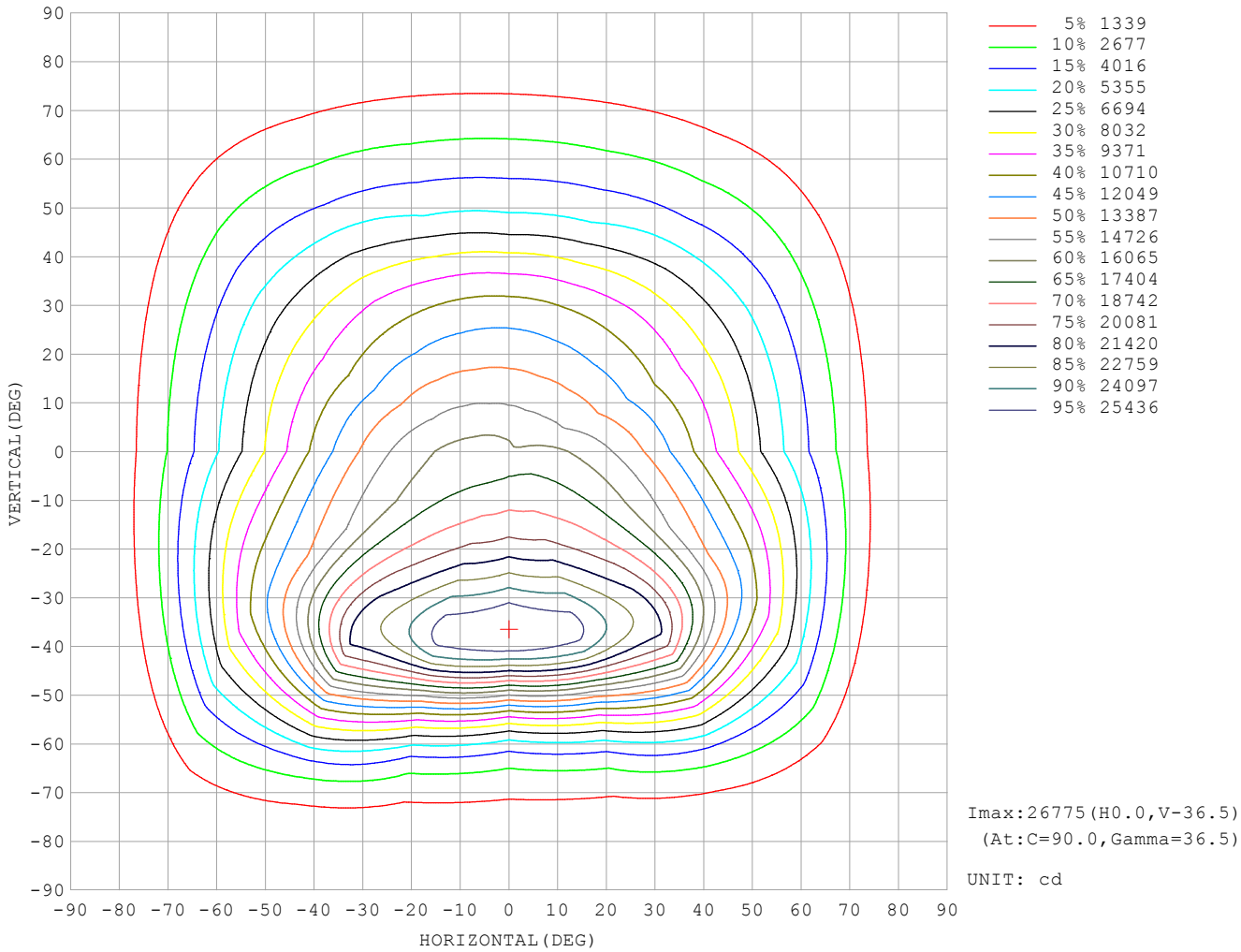
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1598	1754	1837	1766	1622	1507	1467	1495	0- 10	1566	1566	3.38,3.38
20	1467	1838	2088	1858	1517	1333	1292	1313	10- 20	4557	6122	13.2,13.2
30	1260	1970	2504	1984	1332	1145	1116	1122	20- 30	7264	13386	28.9,28.9
40	993.7	2167	2606	2199	1079	935.7	827.5	893.4	30- 40	9528	22915	49.5,49.5
50	705.9	1972	1476	2152	794.3	667.0	514.2	612.6	40- 50	9999	32914	71.1,71.1
60	434.5	1046	487.1	1259	513.8	395.4	331.0	352.1	50- 60	7509	40422	87.3,87.3
70	202.1	316.0	156.4	431.1	266.6	201.8	180.4	167.6	60- 70	4148	44571	96.3,96.3
80	37.32	42.34	33.49	76.13	73.74	61.21	45.18	39.32	70- 80	1529	46099	99.6,99.6
90	1.662	1.063	0.9450	1.208	1.417	1.778	1.025	2.016	80- 90	182.5	46282	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: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HXL
Test Date:2024-11-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity:65.0%
Test Distance:9.990m [K=1.0000]
Remarks:

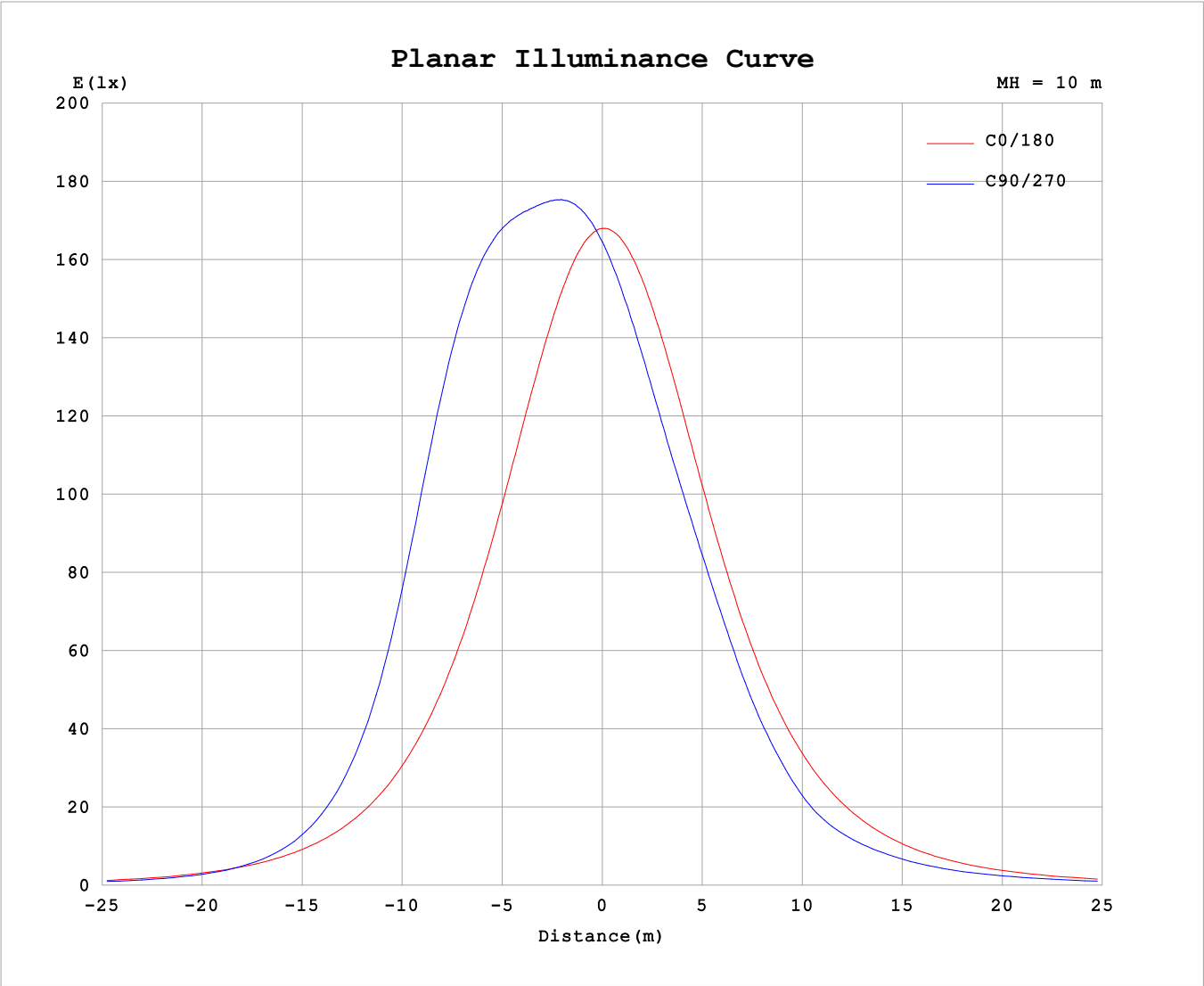
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: HXL
Test Date: 2024-11-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity: 65.0%
Test Distance: 9.990m [K=1.0000]
Remarks:

Planar Illuminance Curve



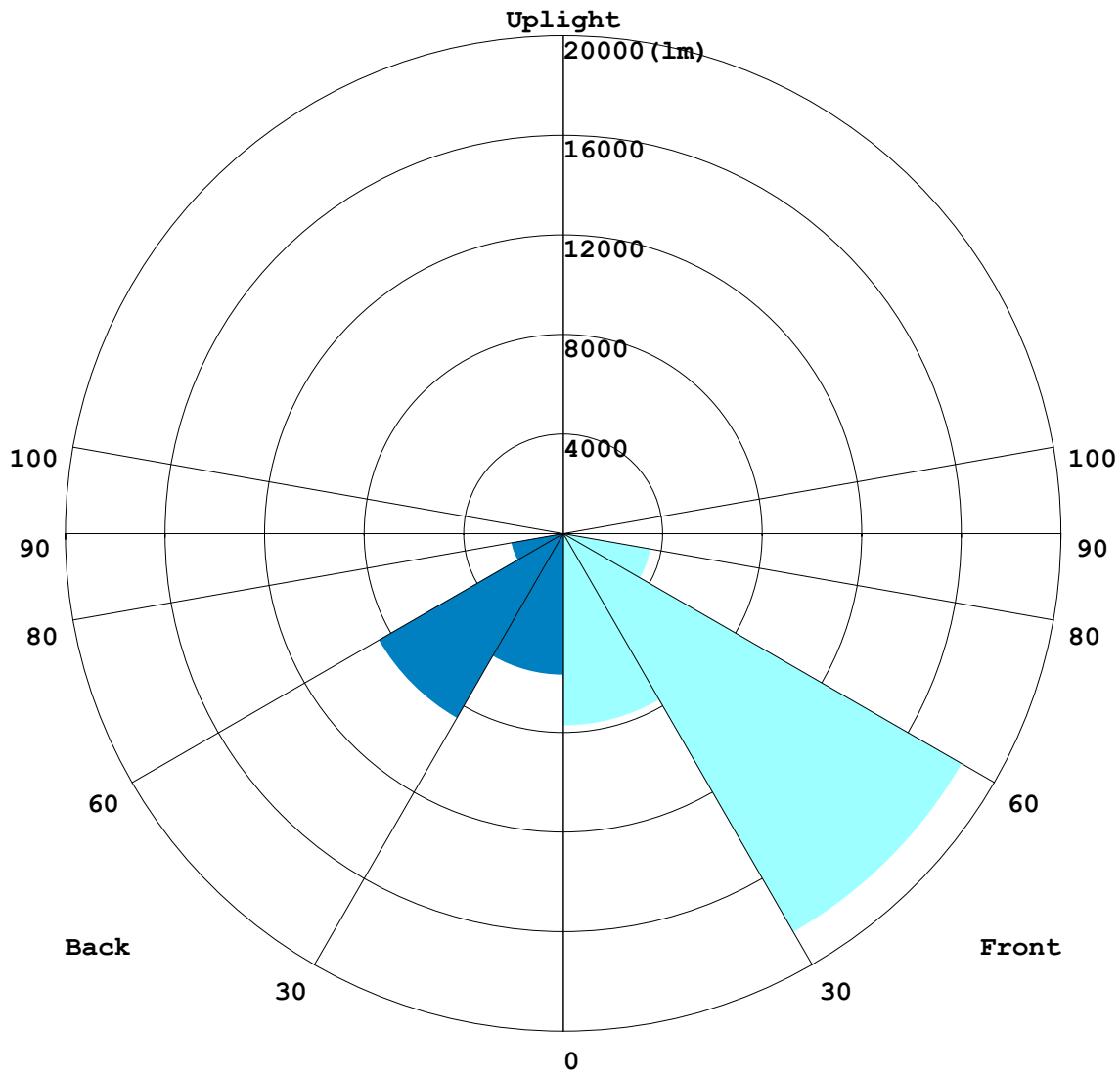
C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 22.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Temperature:25.3℃	Humidity:65.0%
Operators:HXL	Test Distance:9.990m [K=1.0000]
Test Date:2024-11-11	Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.5V I:1.3304A P:297.2W PF:0.9733 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:46281.6x1 lm		
NAME: X504-457KA-9060 (300W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 22.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Temperature:25.3℃	Humidity:65.0%
Operators:HXL	Test Distance:9.990m [K=1.0000]
Test Date:2024-11-11	Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:229.5V I:1.3304A P:297.2W PF:0.9733 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:46281.6x1 lm		
NAME: X504-457KA-9060 (300W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	7713.8	16.7
FM - Front-Medium(30-60)	18487	39.9
FH - Front-High(60-80)	3565.2	7.7
FVH - Front-Very High(80-90)	93.843	0.2
Total Forward Light	29860	64.5

BL - Back-Low(0-30)	5672.4	12.3
BM - Back-Medium(30-60)	8548.9	18.5
BH - Back-High(60-80)	2111.6	4.6
BVH - Back-Very High(80-90)	88.702	0.2
Total Back Light	16422	35.5

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	B5-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16422	0	16422
Street Side	29860	0	29860

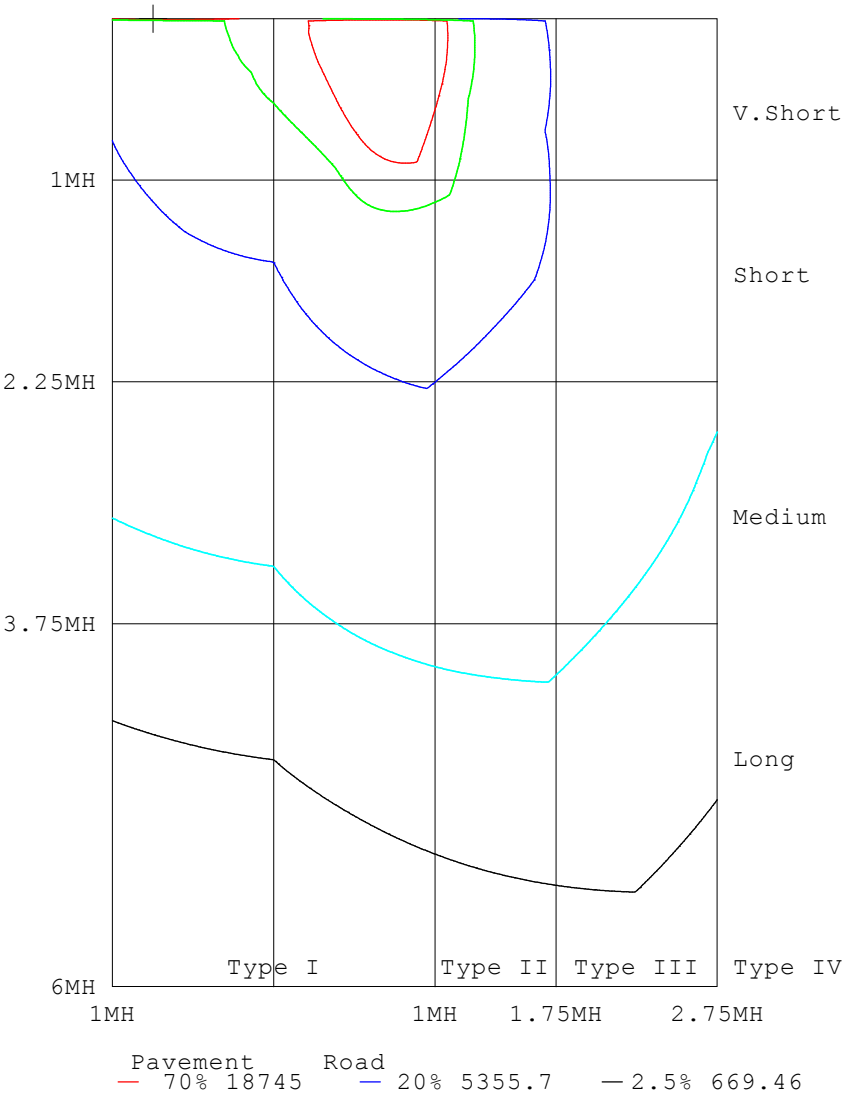
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HXL
Test Date:2024-11-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity:65.0%
Test Distance:9.990m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:229.5V I:1.3304A P:297.2W PF:0.9733 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:46281.6x1 lm		
NAME: X504-457KA-9060 (300W 4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HXL
Test Date:2024-11-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.487
Humidity:65.0%
Test Distance:9.990m [K=1.0000]
Remarks: