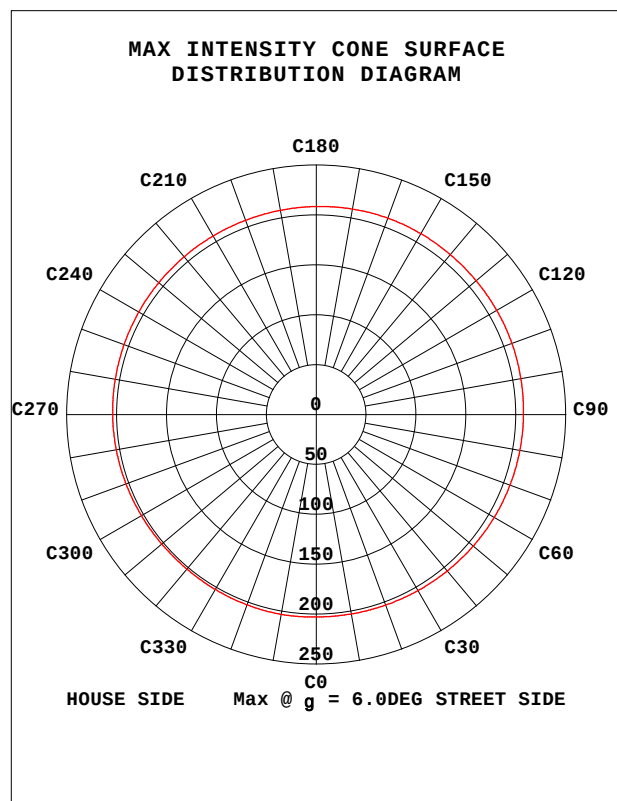
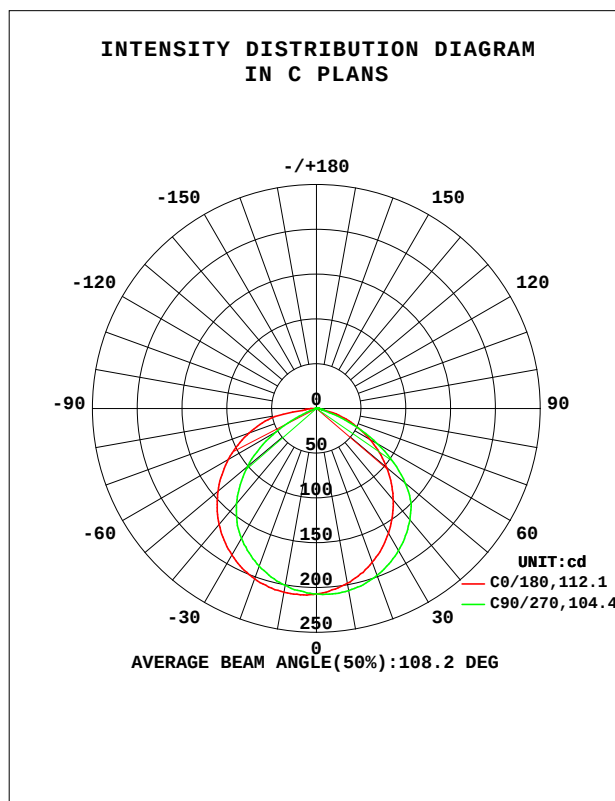


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.09 lm/W			
MODEL: ASD-JBR-3D6AC-XX(5000K)		Imax(cd)	209.6	h street_up(%)	0.2
NOMINAL POWER(W)	6	LOR(%)	100.0	h street_down(%)	51.5
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	538.3	h house_up(%)	0.2
NOMINAL FLUX(lm)	538.255	MAXIMUM @(C, g)	158,6.0	h house_down(%)	48.1
LAMPS INSIDE	1	h up(%)	0.4	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	h down(%)	99.6	SLI	0.000

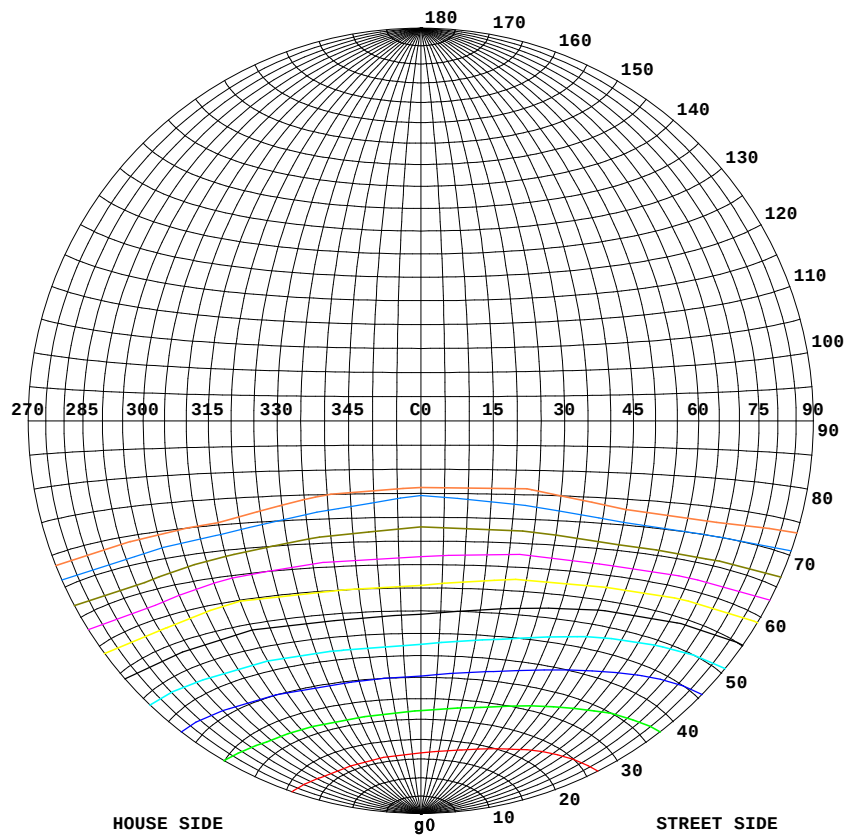


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:17 January 2025

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.700m [K=1.0920]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



Classification:

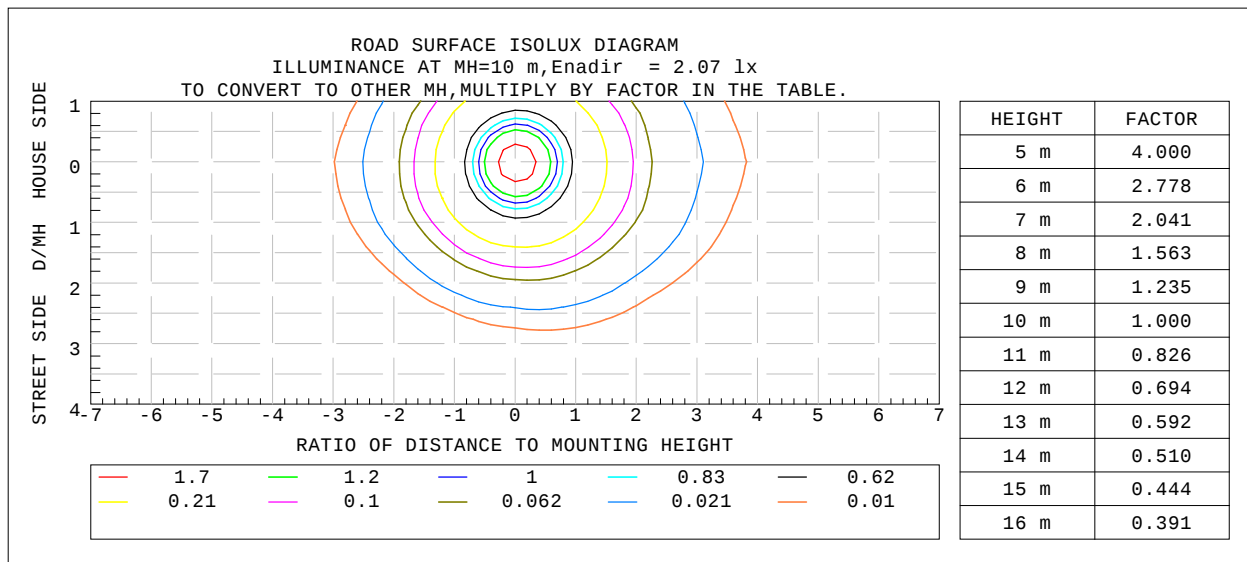
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:70.42cd/klm
 Max.At90:3.473cd/klm
 Max.80-90:70.42cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	210
90%	189
80%	168
70%	147
60%	126
50%	105
40%	84
30%	63
20%	42
10%	21
5%	10

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:17 January 2025

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.700m [K=1.0920]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 17 January 2025

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.700m [K=1.0920]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

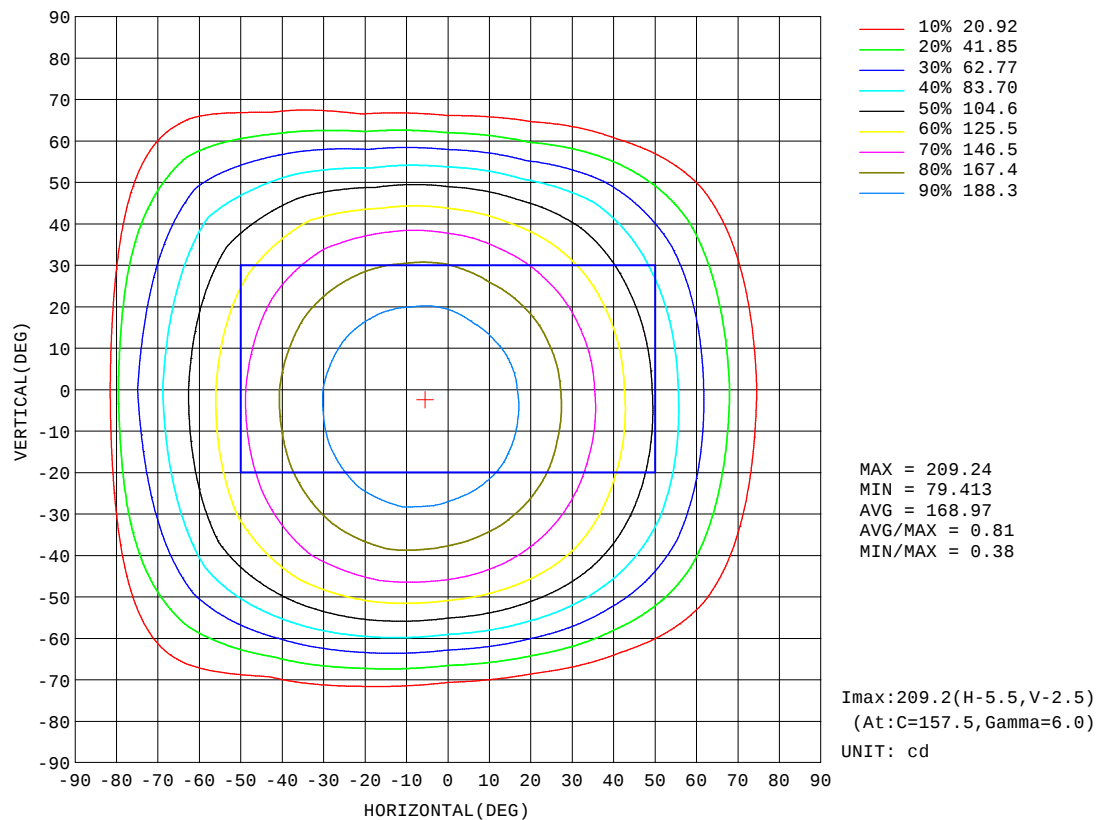
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	198.2	201.8	206.6	208.7	208.4	204.4	200.5	197.8	0- 10	19.58	19.58	3.64,3.64
20	182.5	189.6	198.3	203.6	202.3	195.1	187.2	181.5	10- 20	56.10	75.68	14.1,14.1
30	160.8	171.0	183.4	190.5	189.0	178.9	167.8	159.0	20- 30	85.03	160.7	29.9,29.9
40	133.7	146.7	162.4	171.3	169.3	156.2	139.0	131.8	30- 40	102.5	263.2	48.9,48.9
50	102.4	116.3	129.5	146.3	143.4	127.9	100.2	100.5	40- 50	105.4	368.6	68.5,68.5
60	68.77	72.28	78.68	105.0	113.5	87.13	51.96	60.51	50- 60	90.14	458.8	85.2,85.2
70	35.45	23.07	23.96	49.86	79.84	37.43	5.543	12.24	60- 70	56.11	514.9	95.7,95.7
80	4.188	1.282	8.551	3.855	37.90	0.7231	1.923	0.2084	70- 80	18.53	533.4	99.1,99.1
90	0	0.0008	0.0664	0.3502	1.869	0	0	0	80- 90	2.745	536.1	99.6,99.6
100	0.0127	0.8060	0	0.3714	0.0255	0.5560	0.1434	0.3039	90-100	0.1015	536.3	99.6,99.6
110	0.1080	0.0317	2.104	0.0259	0.0828	0.0572	0.1841	0.1715	100-110	0.6249	536.9	99.7,99.7
120	0.2227	0.1206	0.2738	0.0570	0.1783	0.1715	0.2478	0.2921	110-120	0.2504	537.1	99.8,99.8
130	0.3181	0.2220	0.1969	0.1649	0.2865	0.3046	0.3748	0.4065	120-130	0.2096	537.3	99.8,99.8
140	0.3943	0.3108	0.2982	0.3298	0.3882	0.3871	0.4382	0.4823	130-140	0.2582	537.6	99.9,99.9
150	0.4327	0.3616	0.3684	0.3300	0.4329	0.4380	0.4890	0.5394	140-150	0.2510	537.8	99.9,99.9
160	0.4646	0.4188	0.4445	0.4252	0.4965	0.4823	0.5018	0.5458	150-160	0.2100	538.1	100,100
170	0.5217	0.5329	0.5143	0.5077	0.5855	0.5585	0.5589	0.5840	160-170	0.1459	538.2	100,100
180	0.5918	0.5838	0.5780	0.5712	0.5791	0.5965	0.5716	0.5902	170-180	0.0535	538.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:17 January 2025

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.700m [K=1.0920]
 Remarks:

ISOCANDELA DIAGRAM

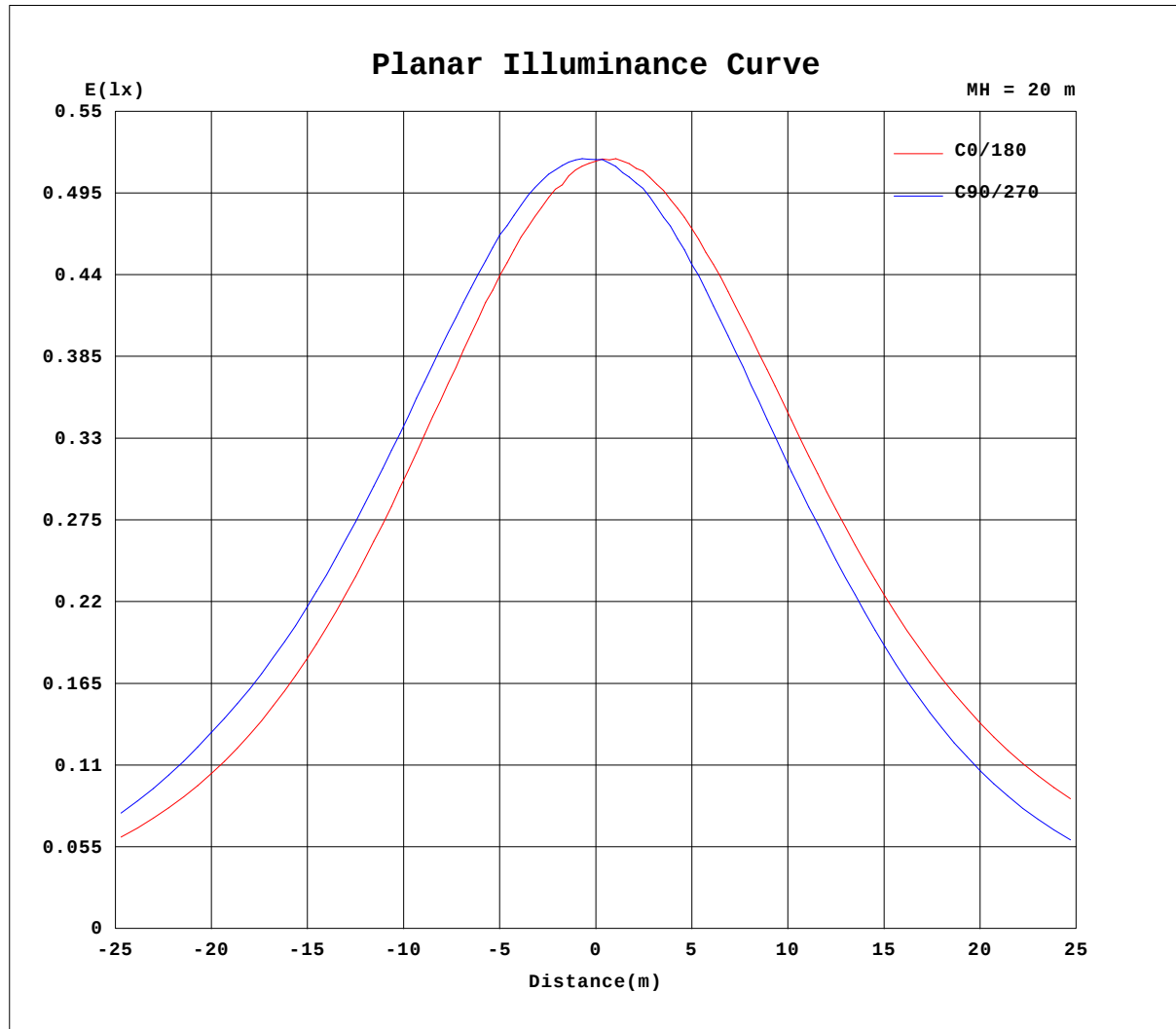
Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:17 January 2025

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.700m [K=1.0920]
Remarks:

Planar Illuminance Curve



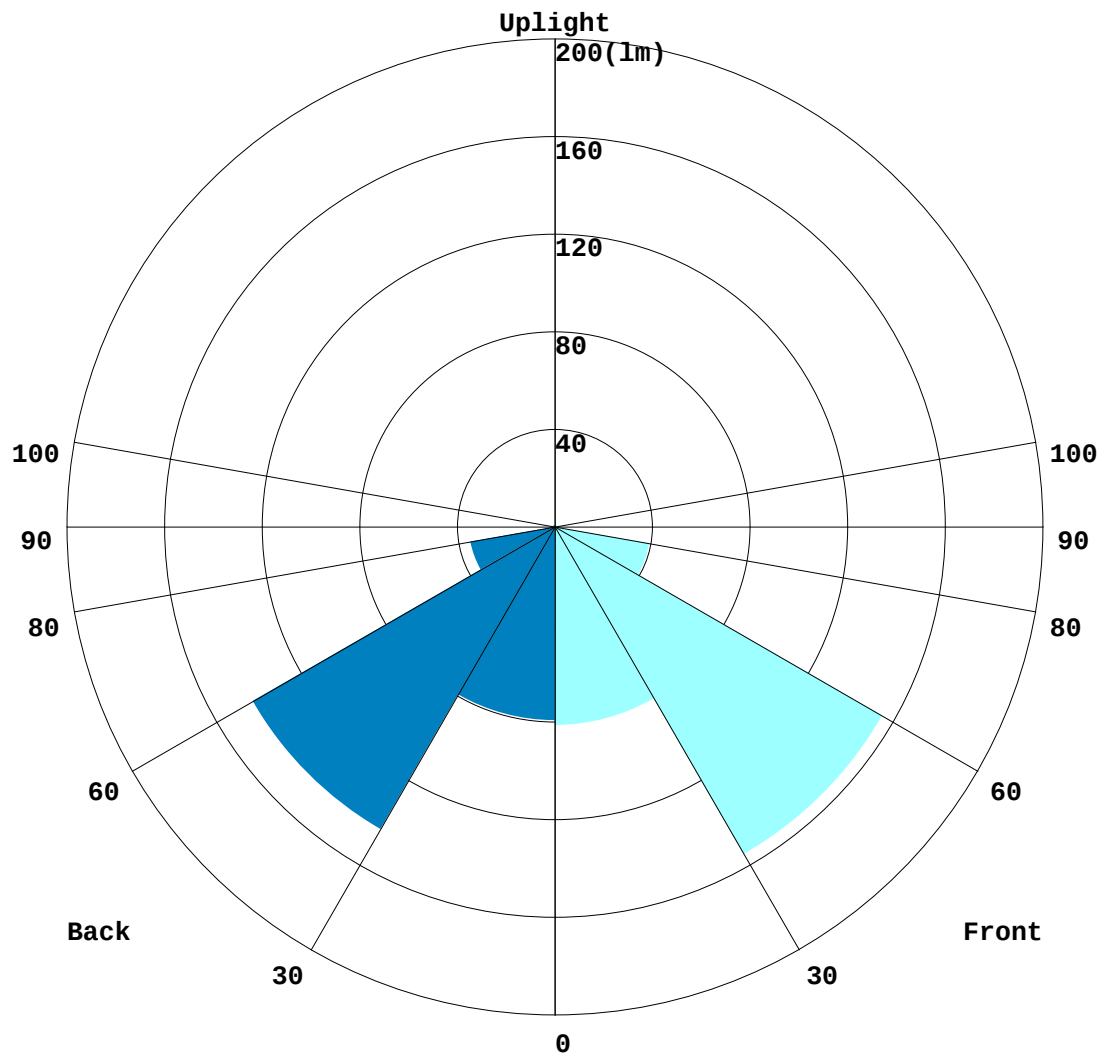
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 17 January 2025

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.700m [K=1.0920]
Remarks:

LCS REPORT

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:17 January 2025

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.700m [K=1.0920]
Remarks:

BUG REPORT

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	81.363	15.1
FM - Front-Medium(30-60)	155.03	28.8
FH - Front-High(60-80)	39.441	7.3
FVH - Front-Very High(80-90)	1.5733	0.3
Total Forward Light	278.63	51.8

BL - Back-Low(0-30)	79.349	14.7
BM - Back-Medium(30-60)	143.02	26.6
BH - Back-High(60-80)	35.201	6.5
BVH - Back-Very High(80-90)	1.1721	0.2
Total Back Light	259.62	48.2

UL - Uplight-Low(90-100)	0.10148	0.0
UH - Uplight-High(100-180)	2.0036	0.4
Total Up Light	2.1051	0.4

BUG(Back,Up,Glare) Rating	B0-U1-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	258.74	0.88	259.62
Street Side	277.41	1.2251	278.63

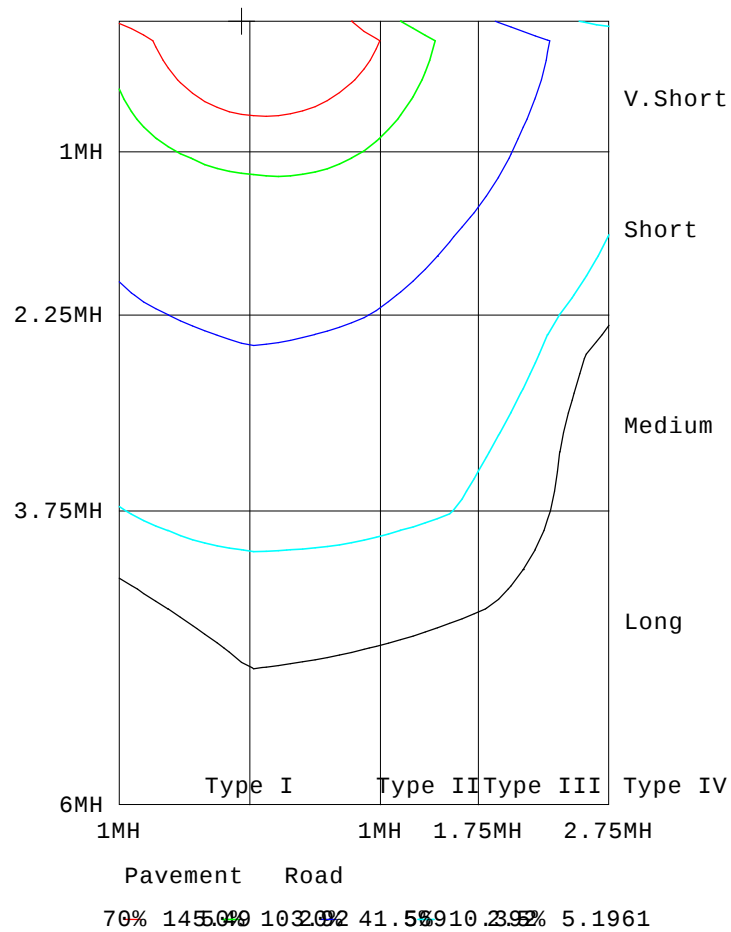
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:17 January 2025

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.700m [K=1.0920]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 17 January 2025

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.700m [K=1.0920]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.0511A P:5.7822W PF:0.9421 Freq:60.00Hz Lamp Flux:538.255x1 lm		
NAME: ASD-JBR-3D6AC-XX(5000K)	TYPE:3000k	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207	207			
5	203	204	206	206	208	208	209	209	209	208	206	205	205	203	203	203			
10	198	199	202	204	207	208	209	209	208	207	204	202	201	198	198	198			
15	191	193	197	200	203	206	207	207	206	204	201	197	195	192	190	191			
20	182	185	190	194	198	202	204	204	202	199	195	191	187	183	181	181			
25	172	176	181	187	192	196	198	198	197	193	187	182	178	173	171	171			
30	161	165	171	178	183	189	190	191	189	185	179	172	168	161	159	159			
35	148	152	160	167	173	180	182	182	180	175	168	161	155	149	146	146			
40	134	139	147	155	162	169	171	171	169	163	156	147	139	134	132	132			
45	119	124	133	141	150	157	160	159	157	151	143	129	120	116	116	116			
50	102	108	116	122	130	140	146	146	143	137	128	109	100	97.2	101	100			
55	85.9	92.2	95.6	99.8	105	118	128	132	129	122	108	86.4	77.5	74.4	82.9	83.5			
60	68.8	73.7	72.3	73.8	78.7	92.4	105	116	114	107	87.1	62.3	52.0	49.6	60.5	66.4			
65	51.8	52.8	47.4	46.7	50.7	64.0	78.6	96.0	96.8	89.8	63.2	37.0	26.2	26.2	36.0	47.5			
70	35.5	31.6	23.1	20.7	24.0	35.3	49.9	71.8	79.8	68.8	37.4	12.3	5.54	6.81	12.2	26.5			
75	19.1	13.7	4.01	3.46	6.45	12.4	21.1	46.0	62.6	44.0	12.0	1.12	1.11	0.83	0.46	8.98			
80	4.19	1.40	1.28	5.77	8.55	9.39	3.85	20.4	37.9	17.6	0.72	0.88	1.92	0.53	0.21	0.10			
85	0.06	0.56	0.75	0.87	1.24	4.60	9.37	2.70	13.0	0.26	0.18	0.25	0.15	0.06	0.00	0.00			
90	0.00	0.00	0.00	0.04	0.07	0.30	0.35	0.11	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.33	0.19	0.46	0.00	0.13	0.53	0.00	0.00	0.00	0.00	0.00	0.10	0.00			
100	0.01	0.28	0.81	0.01	0.00	0.00	0.37	0.01	0.03	0.10	0.56	0.00	0.14	1.39	0.30	0.08			
105	0.03	0.24	0.04	2.00	2.53	3.02	1.77	0.20	0.04	0.13	0.02	0.21	0.65	0.73	0.12	0.13			
110	0.11	0.12	0.03	1.20	2.10	2.18	0.03	0.21	0.08	0.14	0.06	0.08	0.18	0.23	0.17	0.17			
115	0.18	0.15	0.05	0.38	0.85	0.53	0.02	0.08	0.13	0.14	0.11	0.09	0.19	0.18	0.23	0.17			
120	0.22	0.22	0.12	0.16	0.27	0.18	0.06	0.12	0.18	0.14	0.17	0.16	0.25	0.22	0.29	0.24			
125	0.28	0.26	0.16	0.20	0.20	0.21	0.11	0.18	0.23	0.18	0.23	0.25	0.32	0.30	0.36	0.30			
130	0.32	0.31	0.22	0.23	0.20	0.24	0.16	0.24	0.29	0.23	0.30	0.32	0.37	0.35	0.41	0.32			
135	0.34	0.34	0.27	0.29	0.22	0.29	0.27	0.30	0.34	0.32	0.36	0.35	0.42	0.41	0.48	0.41			
140	0.39	0.37	0.31	0.34	0.30	0.32	0.33	0.35	0.39	0.37	0.39	0.40	0.44	0.44	0.48	0.45			
145	0.41	0.39	0.33	0.39	0.33	0.34	0.32	0.38	0.41	0.43	0.40	0.40	0.45	0.46	0.50	0.46			
150	0.43	0.41	0.36	0.42	0.37	0.39	0.33	0.38	0.43	0.43	0.44	0.42	0.49	0.48	0.54	0.46			
155	0.43	0.45	0.37	0.46	0.42	0.46	0.37	0.43	0.47	0.43	0.47	0.51	0.49	0.54	0.54	0.46			
160	0.46	0.49	0.42	0.50	0.44	0.49	0.43	0.48	0.50	0.48	0.48	0.52	0.50	0.56	0.55	0.53			
165	0.48	0.52	0.47	0.53	0.48	0.50	0.47	0.53	0.55	0.53	0.51	0.52	0.55	0.56	0.56	0.53			
170	0.52	0.55	0.53	0.56	0.51	0.54	0.51	0.58	0.59	0.53	0.56	0.53	0.56	0.56	0.58	0.53			
175	0.55	0.58	0.56	0.58	0.54	0.57	0.53	0.61	0.59	0.57	0.58	0.55	0.57	0.57	0.60	0.54			
180	0.59	0.59	0.58	0.58	0.58	0.58	0.57	0.61	0.58	0.58	0.60	0.57	0.57	0.58	0.59	0.57			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:17 January 2025

g Range: 0 - 180DEG

g Interval: 1.0DEG

Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421

Humidity:65.0%

Test Distance:8.700m [K=1.0920]

Remarks: