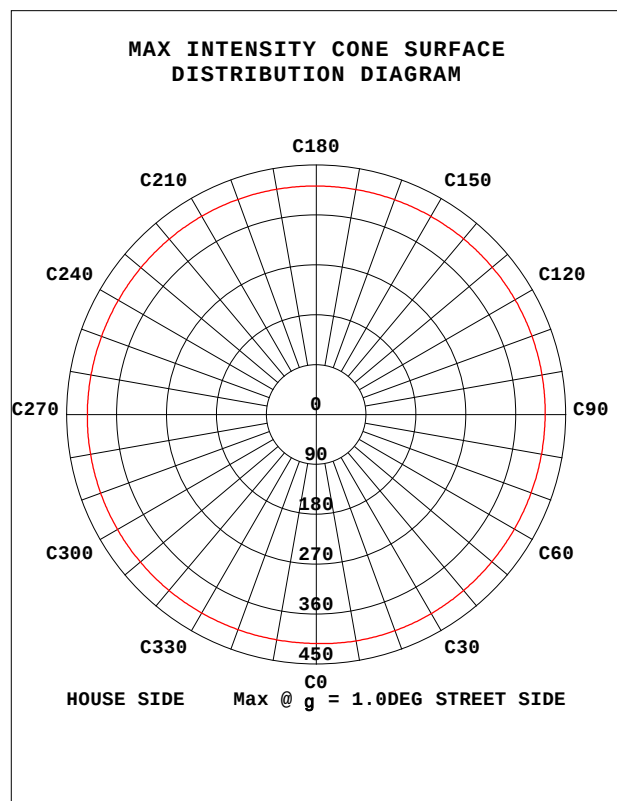
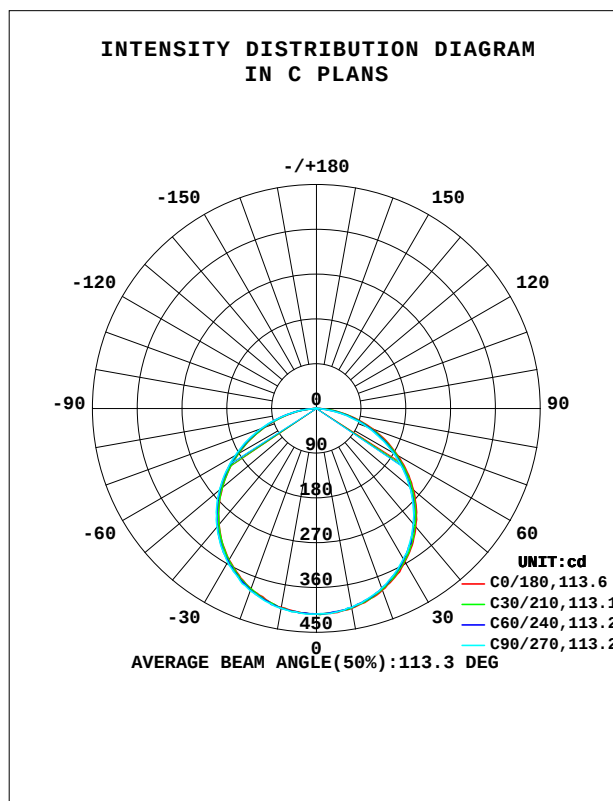


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.26 lm/W			
MODEL	ASD-JBSR-6D15AC-WH(5000K)	I _{max} (cd)	414.5	h street_up(%)	0.2
NOMINAL POWER(W)	10	LOR(%)	100.0	h street_down(%)	49.2
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1195	h house_up(%)	0.2
NOMINAL FLUX(lm)	1195.17	MAXIMUM @(C, g)	30,1.0	h house_down(%)	50.4
LAMPS INSIDE	1	h up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)		h down(%)	99.7	SLI	16.750

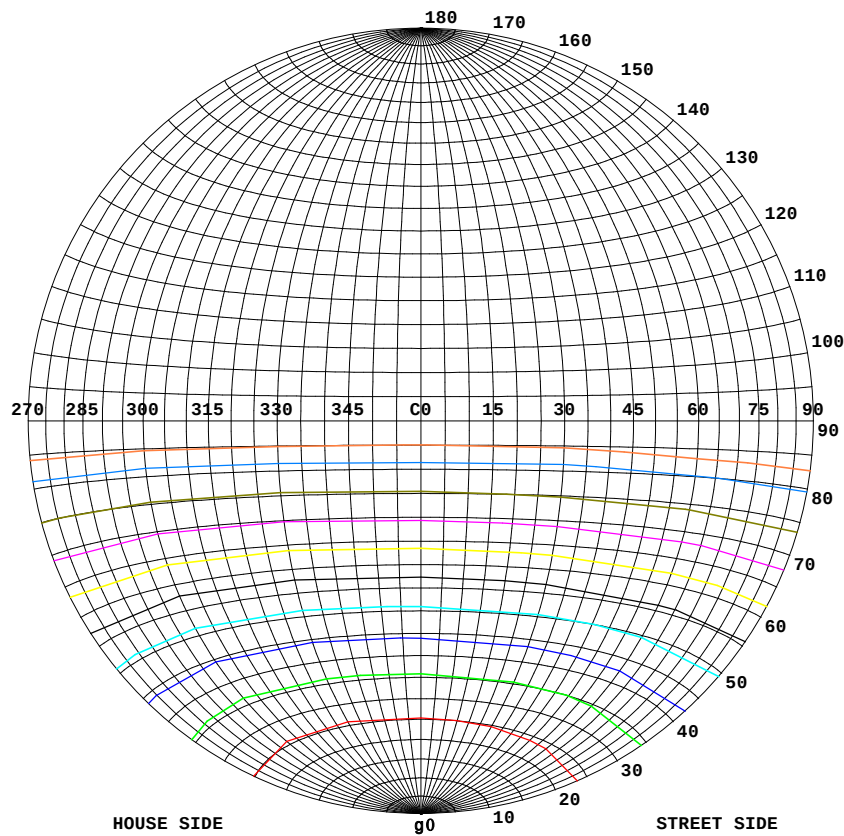


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-08-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



Classification:

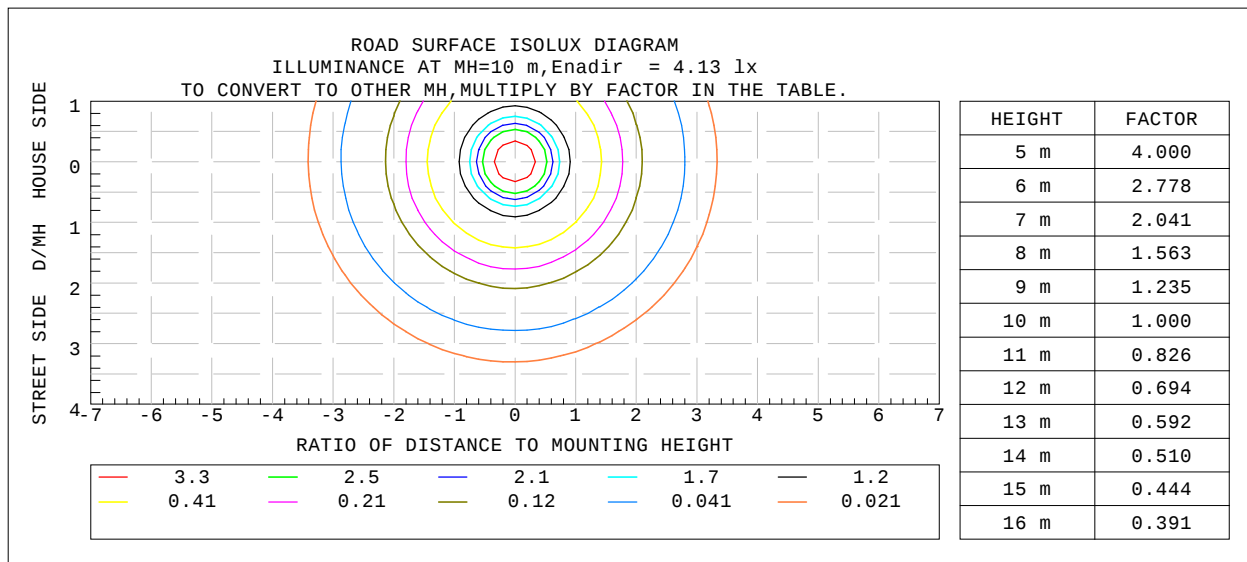
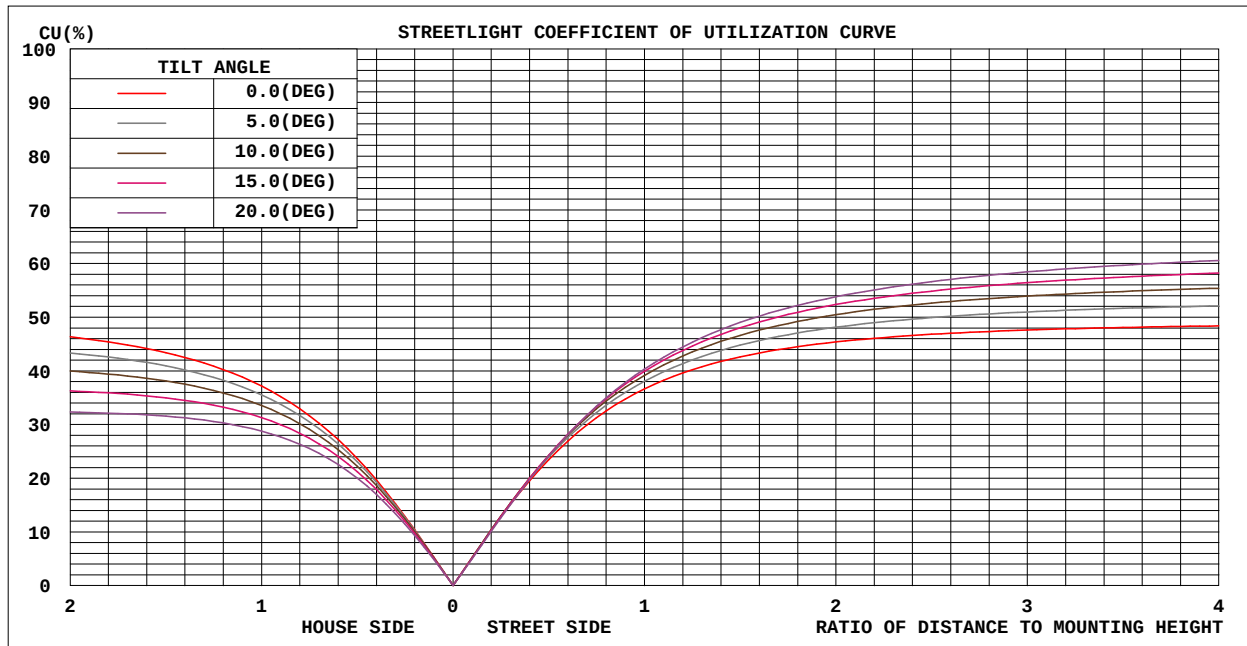
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:43.94cd/klm
Max.At90:0.8152cd/klm
Max.80-90:43.94cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	415
90%	373
80%	332
70%	290
60%	249
50%	207
40%	166
30%	124
20%	83
10%	41
5%	21

C Range: 0 - 360DEG
C Interval: 30.00DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-08-21

g Range: 0 - 180DEG
g Interval: 1.00DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.000m [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: 2024-08-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

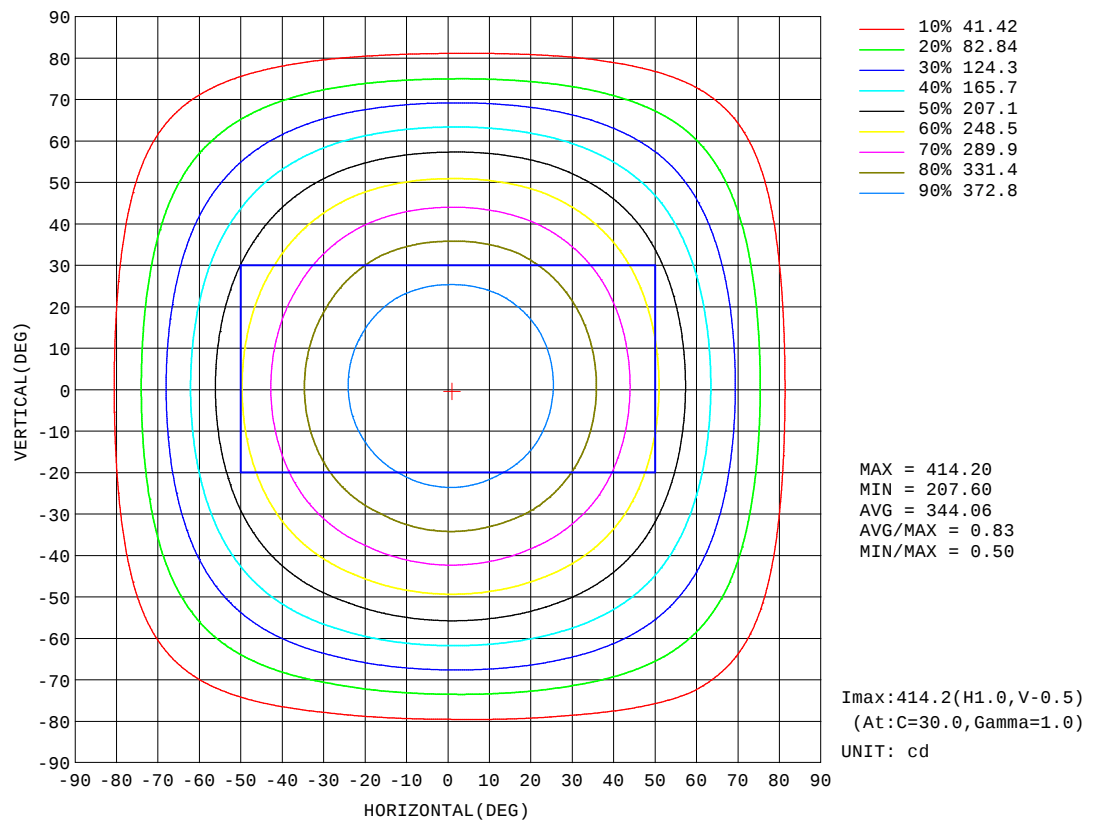
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	407.8	406.1	406.2	404.6	405.6	407.6	407.4	407.8	0- 10	39.12	39.12	3.27,3.27
20	388.2	385.6	384.0	383.0	385.3	387.2	389.4	390.4	10- 20	112.4	151.6	12.7,12.7
30	355.8	352.4	348.9	348.4	351.1	353.1	356.5	359.0	20- 30	171.2	322.8	27,27
40	310.6	306.0	303.9	302.2	304.9	307.8	311.0	313.9	30- 40	207.6	530.4	44.4,44.4
50	254.4	248.8	244.7	243.2	246.8	250.0	254.4	257.4	40- 50	215.8	746.2	62.4,62.4
60	189.0	183.3	178.5	176.8	180.6	184.1	188.4	192.2	50- 60	194.6	940.8	78.7,78.7
70	119.7	113.2	107.4	106.9	110.5	113.8	118.1	121.7	60- 70	147.7	1088	91.1,91.1
80	52.34	45.75	38.32	40.22	44.91	46.77	48.58	51.84	70- 80	83.84	1172	98.1,98.1
90	0.9744	0.0656	0.0518	0.0712	0.1313	0.1332	0.1201	0.1396	80- 90	18.78	1191	99.7,99.7
100	0.1253	0.1567	0.1828	0.1823	0.3195	0.2679	0.1939	0.2451	90-100	0.1717	1191	99.7,99.7
110	0.3134	0.3505	0.3938	0.3845	0.5419	0.4959	0.4447	0.4730	100-110	0.3330	1192	99.7,99.7
120	0.5300	0.5528	0.6106	0.5812	0.7812	0.7238	0.7016	0.6924	110-120	0.5311	1192	99.7,99.7
130	0.7181	0.7238	0.7818	0.7579	0.9581	0.9063	0.9012	0.8691	120-130	0.6599	1193	99.8,99.8
140	0.8607	0.8692	0.9188	0.9118	1.106	1.046	1.050	1.009	130-140	0.6937	1193	99.9,99.9
150	1.003	1.029	1.079	1.066	1.249	1.183	1.170	1.126	140-150	0.6519	1194	99.9,99.9
160	1.146	1.200	1.250	1.222	1.346	1.299	1.266	1.239	150-160	0.5434	1195	100,100
170	1.288	1.345	1.369	1.332	1.440	1.424	1.373	1.373	160-170	0.3703	1195	100,100
180	1.460	1.451	1.426	1.416	1.448	1.442	1.432	1.459	170-180	0.1329	1195	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-08-21

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

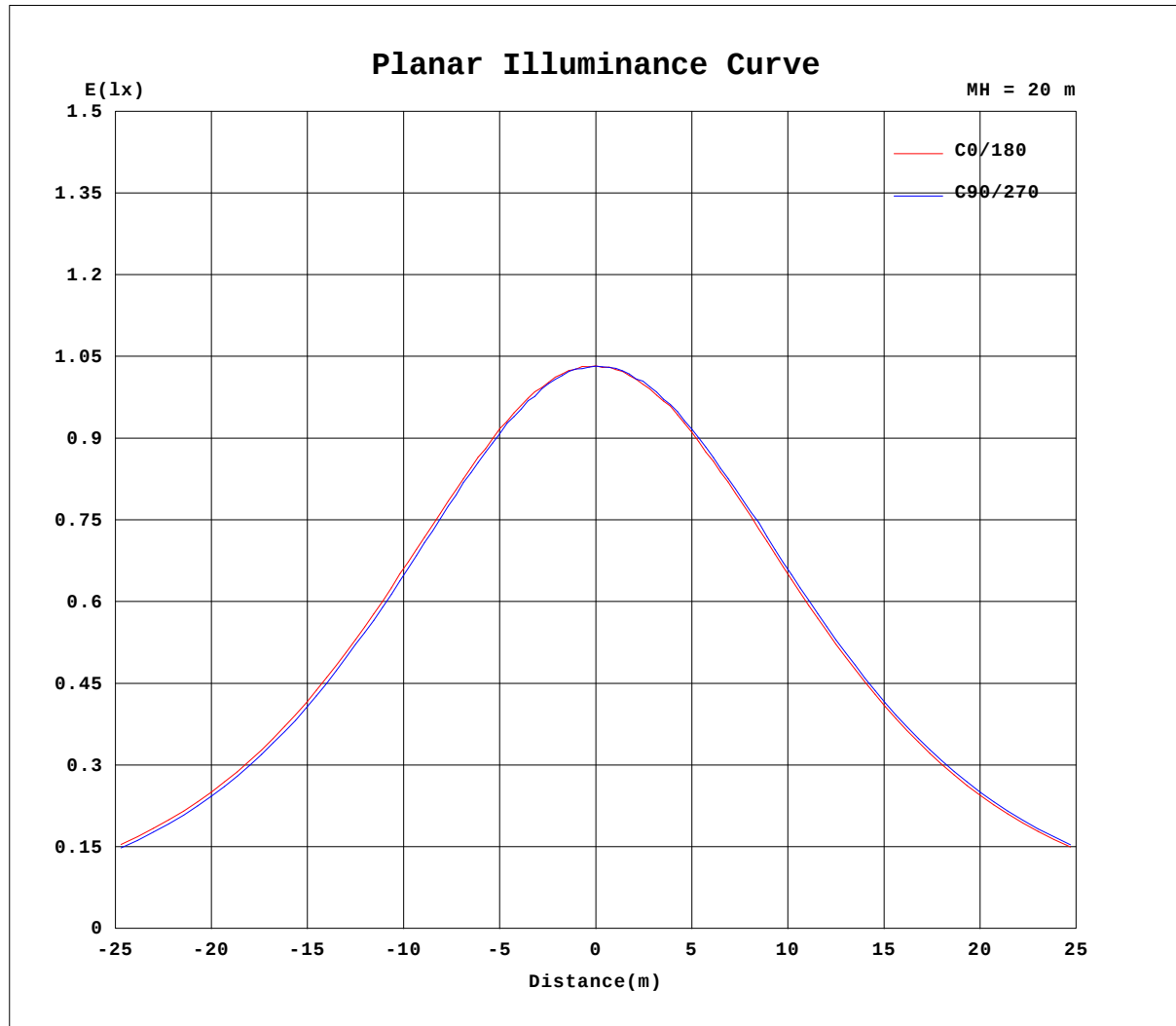
Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-08-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



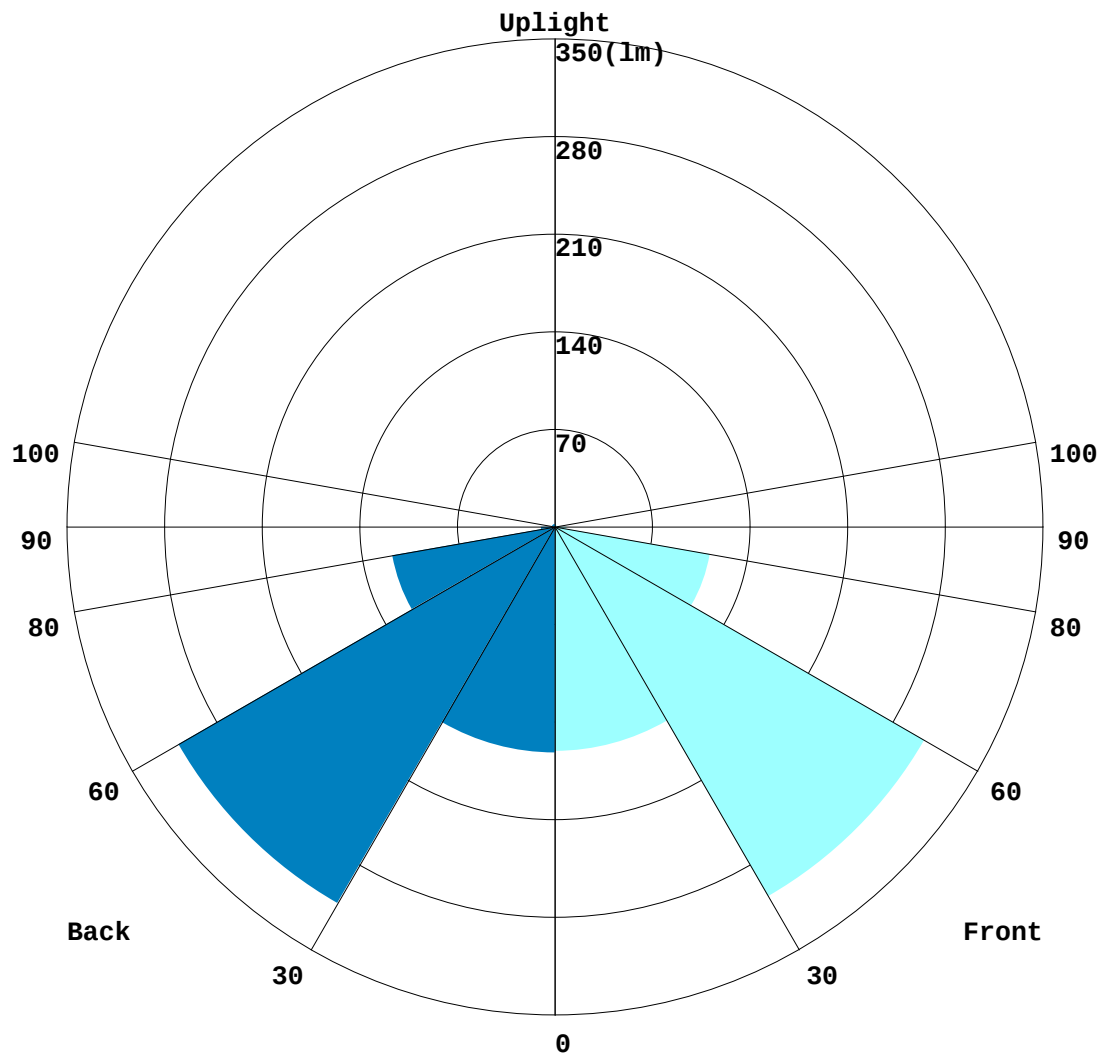
C Range: 0 - 360DEG
C Interval: 30.00DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-08-21

g Range: 0 - 180DEG
g Interval: 1.00DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-08-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

BUG REPORT

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	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)	160.8	13.5
FM - Front-Medium(30-60)	306.06	25.6
FH - Front-High(60-80)	113.11	9.5
FVH - Front-Very High(80-90)	8.6009	0.7
Total Forward Light	590.42	49.4

BL - Back-Low(0-30)	161.99	13.6
BM - Back-Medium(30-60)	311.95	26.1
BH - Back-High(60-80)	118.39	9.9
BVH - Back-Very High(80-90)	10.174	0.9
Total Back Light	604.75	50.6

UL - Uplight-Low(90-100)	0.17166	0.0
UH - Uplight-High(100-180)	3.9162	0.3
Total Up Light	4.0879	0.3

BUG(Back,Up,Glare) Rating	B1-U1-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	602.51	2.2332	604.75
Street Side	588.57	1.8547	590.42

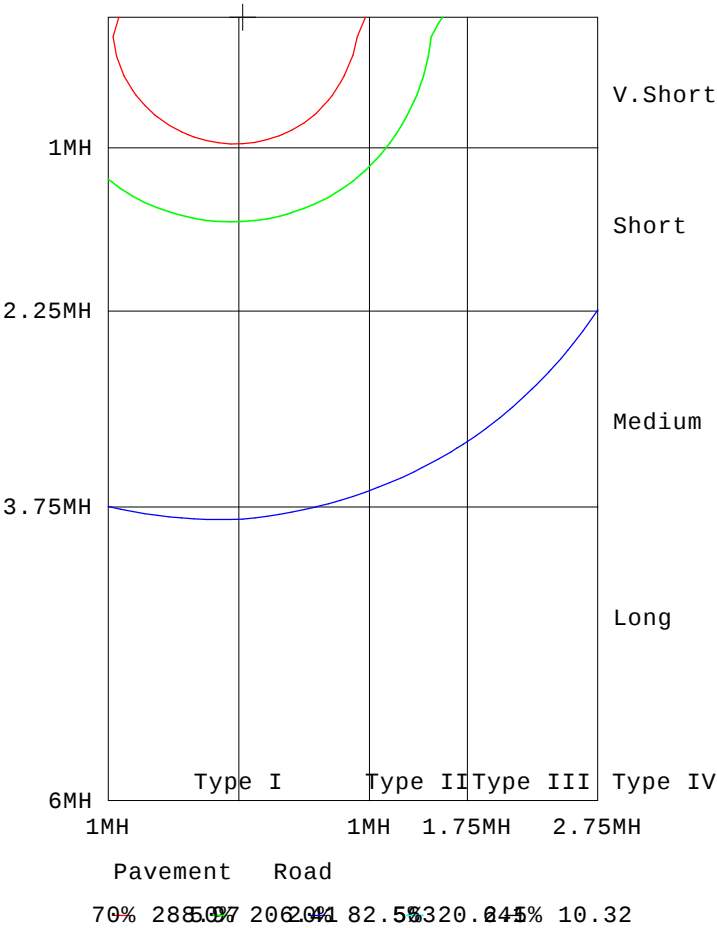
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-08-21

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm		
NAME: ASD-JBSR-6D15AC-WH(5000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-08-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.02V I:0.1224A P:14.529W PF:0.9889 Freq:60.00Hz Lamp Flux:1195.17x1 lm											
NAME: ASD-JBSR-6D15AC-WH(5000K)						TYPE:			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.: ASD LIGHTING CORP						SUR.:			Shielding Angle:		

Table--1

UNIT: cd

C(DEG) g (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	413	413	413	413	413	413	413	413	413	413	413	413						
5	412	412	410	411	411	411	411	411	412	412	412	413						
10	408	407	405	406	405	405	406	408	408	407	407	408						
15	400	399	397	396	395	396	397	398	399	400	401	400						
20	388	387	384	384	383	383	385	386	389	389	391	390						
25	374	372	369	368	367	367	370	371	373	374	375	376						
30	356	354	351	349	348	349	351	352	354	357	359	359						
35	336	333	331	328	326	328	330	331	335	335	338	337						
40	311	309	303	304	301	303	305	306	310	311	315	313						
45	284	281	276	275	272	275	277	277	283	284	287	286						
50	254	251	246	245	242	245	247	247	253	254	258	257						
55	223	219	214	213	209	212	215	215	221	222	226	225						
60	189	186	180	179	175	178	181	181	187	188	192	192						
65	155	151	146	143	141	143	145	147	152	154	157	158						
70	120	116	111	107	105	108	111	112	116	118	121	122						
75	85.5	81.3	76.0	72.5	71.0	74.2	76.5	77.4	81.1	82.4	85.5	87.1						
80	52.3	49.3	42.2	38.3	38.4	42.1	44.9	45.9	47.6	48.6	51.2	52.5						
85	20.8	18.4	10.5	7.35	6.77	12.4	15.5	14.4	16.1	15.6	18.5	19.9						
90	0.97	0.07	0.06	0.05	0.06	0.08	0.13	0.16	0.10	0.12	0.09	0.19						
95	0.07	0.10	0.10	0.11	0.10	0.12	0.23	0.16	0.19	0.17	0.43	0.18						
100	0.13	0.18	0.13	0.18	0.15	0.21	0.32	0.26	0.27	0.19	0.26	0.23						
105	0.21	0.27	0.23	0.29	0.25	0.31	0.43	0.36	0.39	0.32	0.37	0.34						
110	0.31	0.37	0.33	0.39	0.36	0.40	0.54	0.48	0.51	0.44	0.50	0.45						
115	0.42	0.47	0.45	0.50	0.46	0.51	0.66	0.63	0.62	0.57	0.62	0.55						
120	0.53	0.56	0.54	0.61	0.56	0.60	0.78	0.72	0.72	0.70	0.73	0.65						
125	0.64	0.66	0.64	0.71	0.66	0.70	0.87	0.83	0.81	0.81	0.83	0.75						
130	0.72	0.74	0.71	0.78	0.73	0.79	0.96	0.91	0.91	0.90	0.92	0.82						
135	0.79	0.82	0.78	0.84	0.81	0.87	1.05	0.97	0.99	1.00	0.99	0.90						
140	0.86	0.89	0.85	0.92	0.89	0.93	1.11	1.03	1.07	1.05	1.05	0.96						
145	0.94	0.96	0.93	1.00	0.96	1.00	1.17	1.09	1.14	1.12	1.11	1.05						
150	1.00	1.04	1.02	1.08	1.05	1.08	1.25	1.17	1.19	1.17	1.16	1.09						
155	1.08	1.12	1.11	1.17	1.12	1.17	1.29	1.24	1.24	1.22	1.21	1.16						
160	1.15	1.20	1.20	1.25	1.20	1.24	1.35	1.29	1.31	1.27	1.26	1.22						
165	1.22	1.26	1.28	1.31	1.28	1.33	1.41	1.40	1.38	1.32	1.34	1.28						
170	1.29	1.32	1.37	1.37	1.29	1.37	1.44	1.44	1.41	1.37	1.41	1.33						
175	1.34	1.39	1.41	1.39	1.34	1.39	1.47	1.47	1.43	1.39	1.44	1.41						
180	1.46	1.47	1.43	1.43	1.43	1.41	1.45	1.44	1.44	1.43	1.46	1.45						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-08-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.000m [K=1.0000]
Remarks: