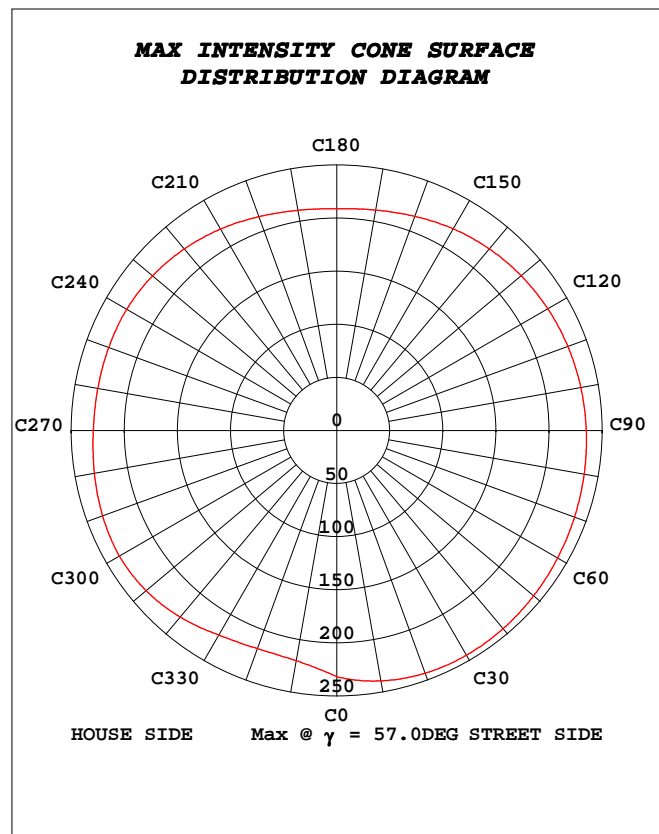
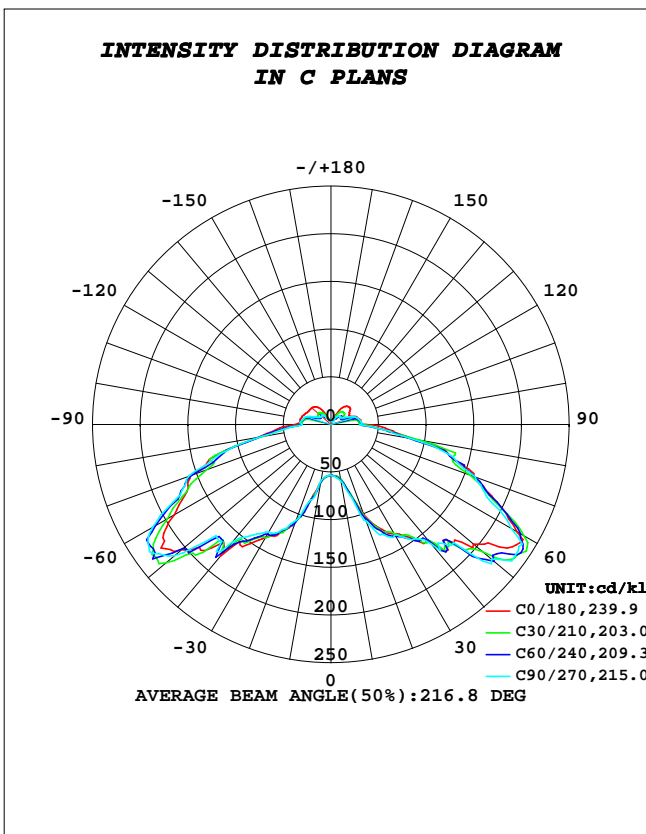


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		

DATA OF LAMP		PHOTOMETRIC DATAeff: 0.00 lm/W			
MODEL	ABL-03	I _{max} (cd/klm)	366.45	η street_up(%)	5.8
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	44.9
RATED VOLTAGE(V)		TOTAL FLUX(lm/klm)	1500	η house_up(%)	6.0
NOMINAL FLUX(lm)	299.827	MAXIMUM @(C,γ)	30,57.0	η house_down(%)	43.2
LAMPS INSIDE	1	η up(%)	11.9	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)		η down(%)	88.1	SLI	14.725

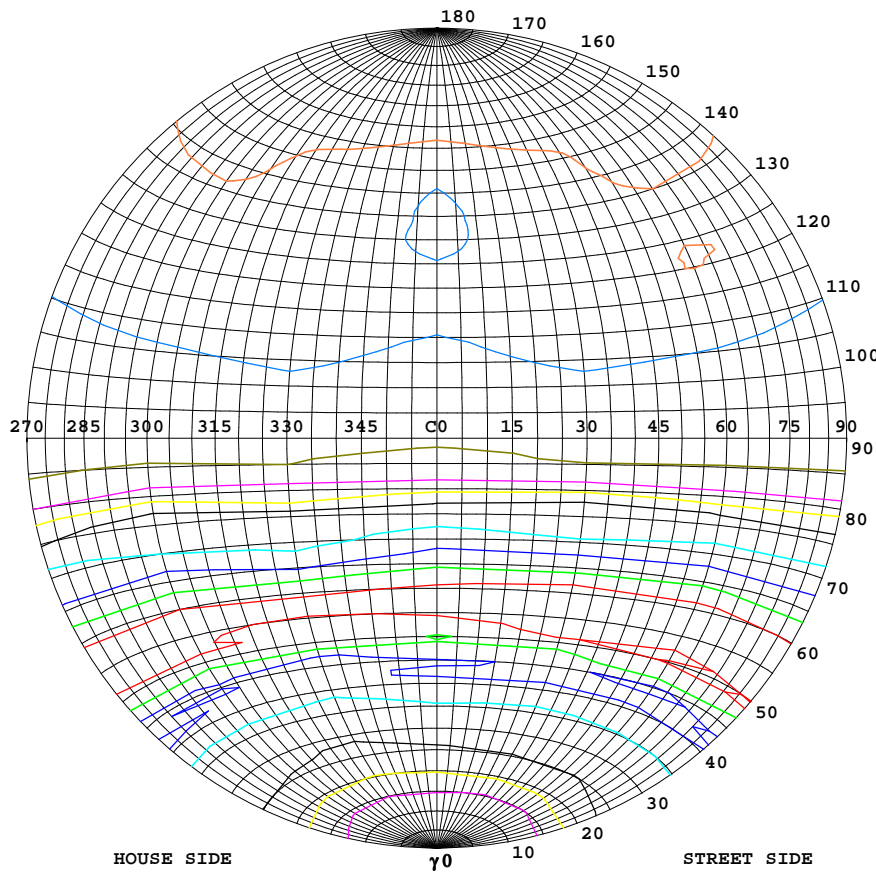


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		



Classification:

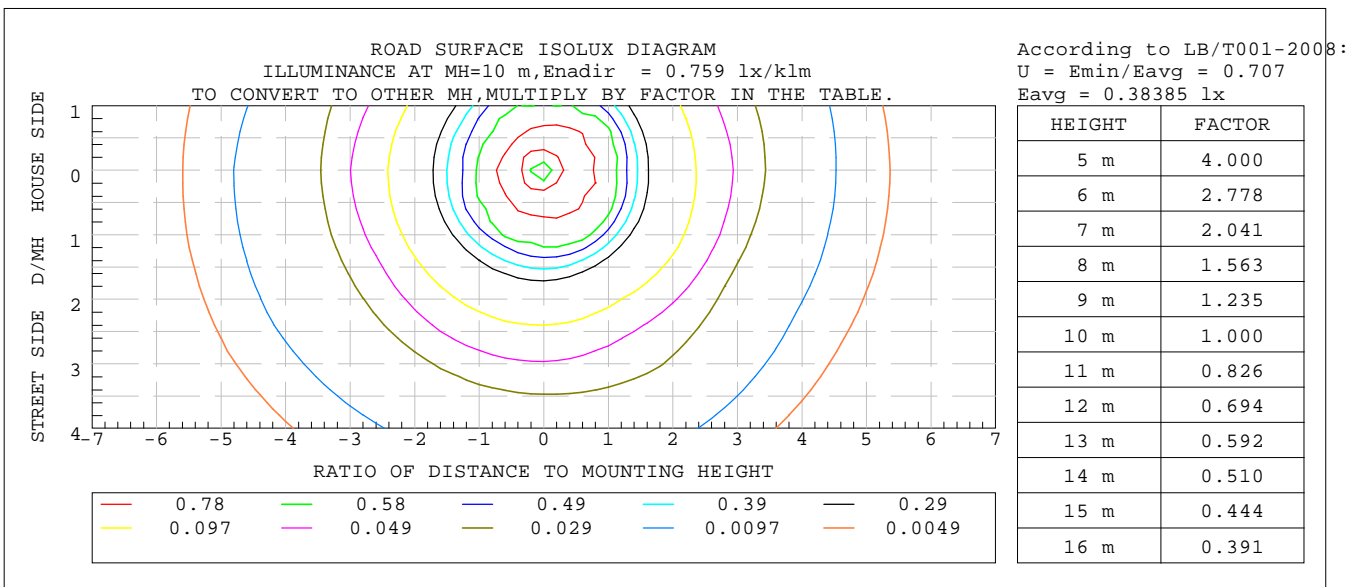
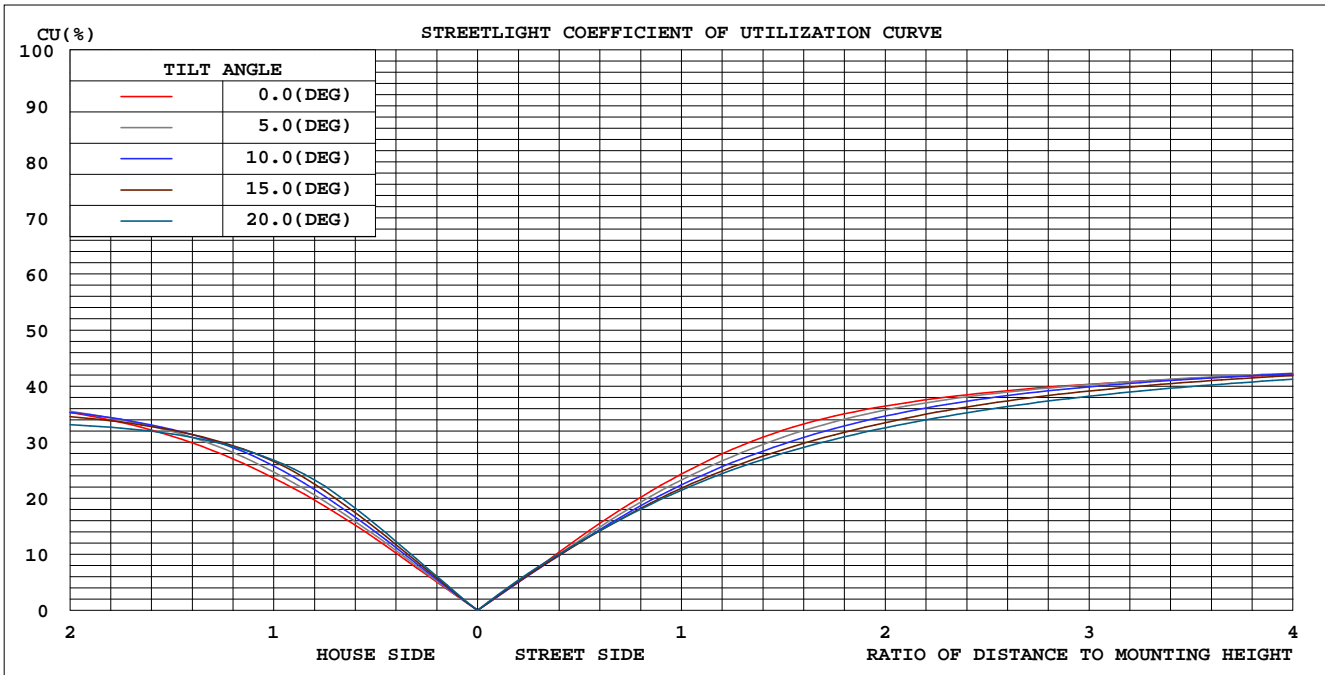
IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:138.285cd/klm
 Max.At90:57.15cd/klm
 Max.80-90:138.258cd/klm
 NRB 5101:Semi limited[13.4%]

ISOCANDELA DIAGRAM	
UNIT	cd/klm
I _{max} =100%	366
— 90%	330
— 80%	293
— 70%	257
— 60%	221
— 50%	183
— 40%	147
— 30%	110
— 20%	74
— 10%	36
— 5%	18

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

**COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM**



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		

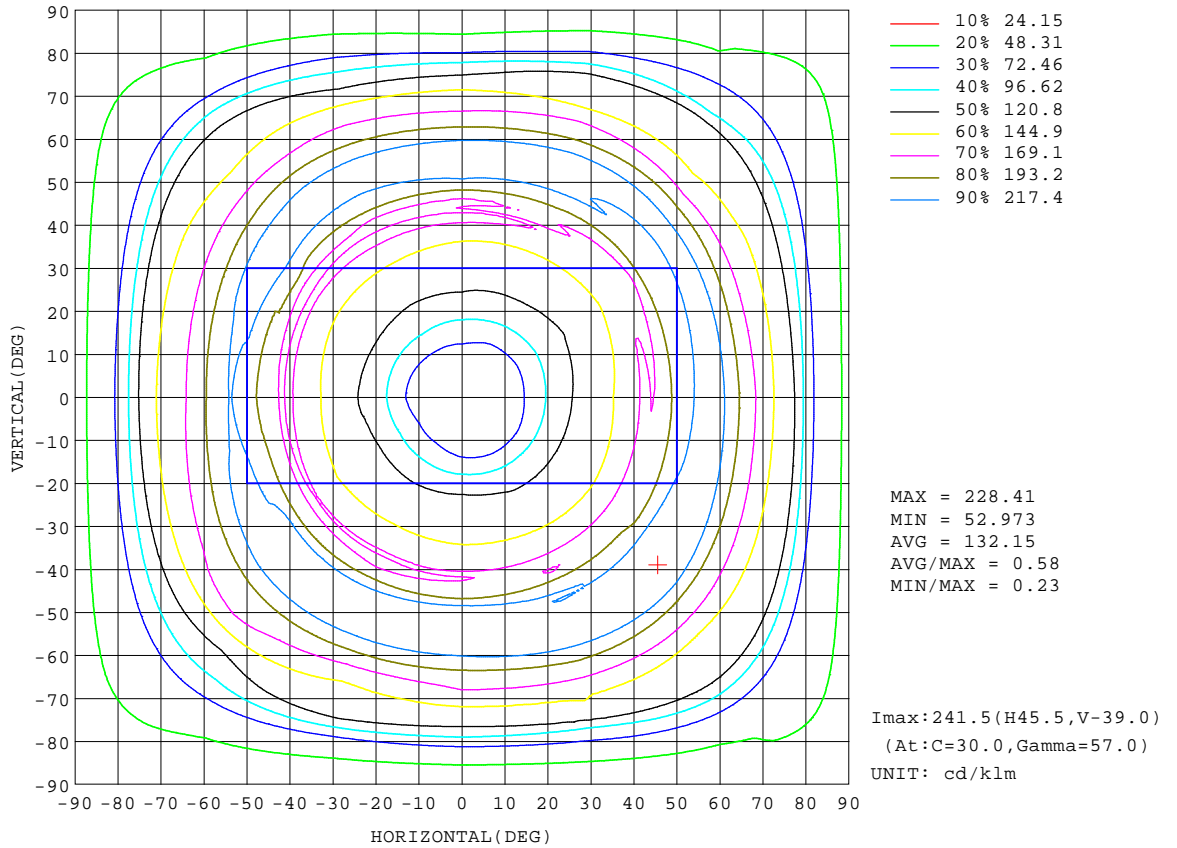
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum,lamp
10	58.26	58.76	60.34	63.30	61.02	61.45	60.27	57.18	0- 10	5.386	5.386	0.54,0.54
20	100.4	103.5	107.6	110.9	107.4	108.5	107.2	97.99	10- 20	23.47	28.86	2.89,2.89
30	132.6	133.7	134.2	135.8	136.3	135.0	130.4	124.3	20- 30	56.58	85.44	8.54,8.54
40	158.3	158.4	164.3	169.2	180.2	172.3	160.3	149.6	30- 40	91.67	177.1	17.7,17.7
50	195.3	215.6	220.1	225.9	204.3	214.1	214.3	202.9	40- 50	141.6	318.7	31.9,31.9
60	225.1	231.5	218.9	205.3	189.7	205.7	215.9	214.1	50- 60	200.7	519.3	51.9,51.9
70	159.8	157.5	161.3	141.4	156.9	146.9	159.1	139.9	60- 70	178.2	697.6	69.8,69.8
80	89.00	87.81	82.92	72.76	76.55	73.79	73.38	84.39	70- 80	127.5	825.1	82.5,82.5
90	37.01	31.71	31.64	30.74	38.10	31.24	30.22	30.42	80- 90	56.34	881.4	88.1,88.1
100	30.99	28.07	30.28	28.65	32.92	29.21	30.08	27.56	90-100	33.73	915.2	91.5,91.5
110	25.16	17.80	24.10	19.68	30.27	20.90	24.70	17.77	100-110	27.46	942.6	94.3,94.3
120	22.57	13.42	14.27	13.93	27.73	15.01	15.14	13.43	110-120	17.64	960.3	96,96
130	26.62	16.31	12.81	14.94	26.78	16.17	13.51	16.17	120-130	14.69	974.9	97.5,97.5
140	25.08	13.25	11.23	11.73	24.38	13.43	12.48	13.51	130-140	12.70	987.7	98.8,98.8
150	15.80	8.155	5.986	7.382	15.26	8.327	6.789	8.542	140-150	7.927	995.6	99.6,99.6
160	4.897	3.996	3.828	3.776	5.040	4.338	4.332	4.244	150-160	2.810	998.4	99.8,99.8
170	4.458	4.719	4.290	4.362	4.454	4.509	4.165	4.632	160-170	1.179	999.6	100,100
180	3.985	4.008	4.092	3.840	4.039	3.938	3.997	3.962	170-180	0.4336	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

ISOCANDELA DIAGRAM

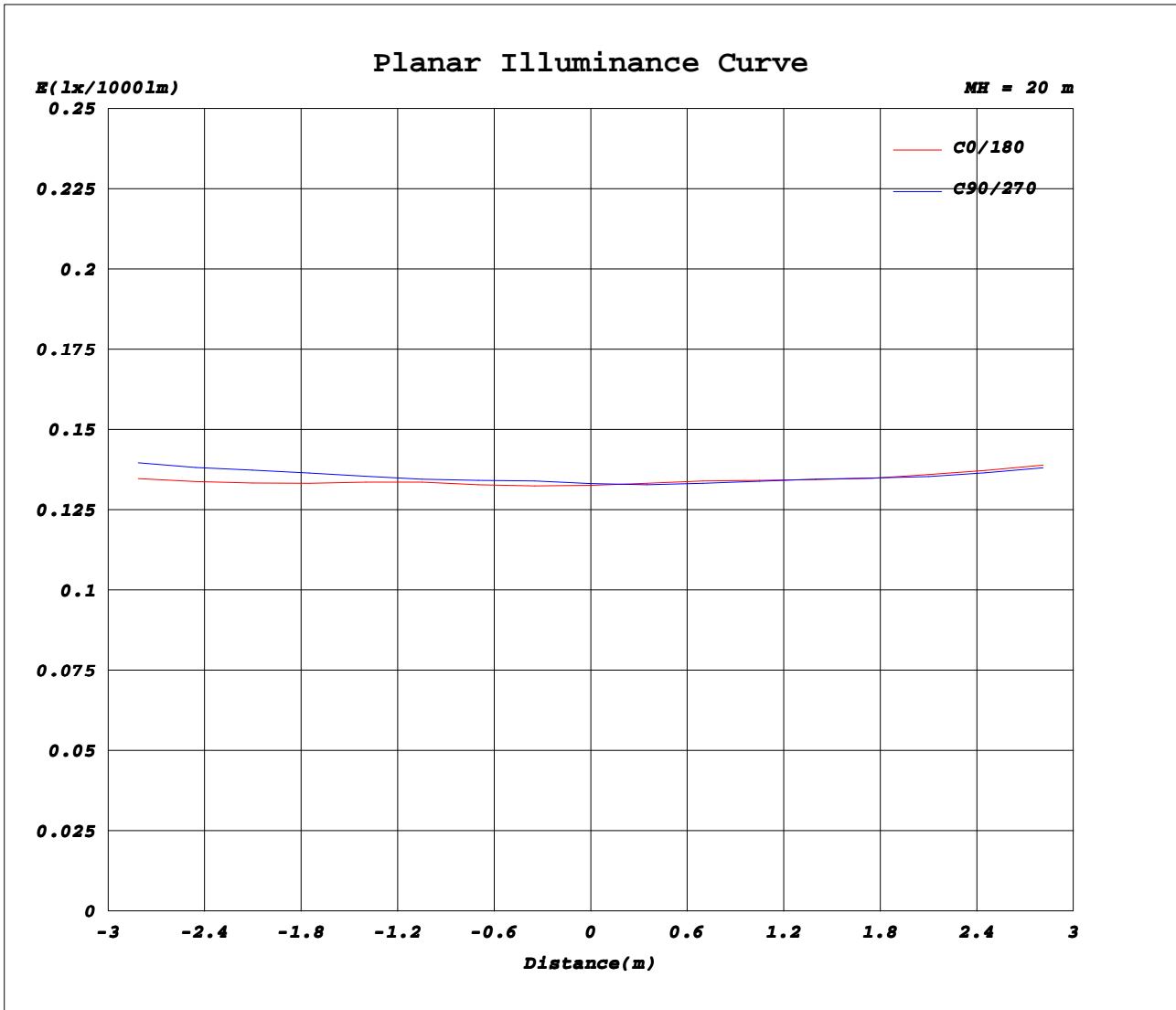
Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

Planar Illuminance Curve



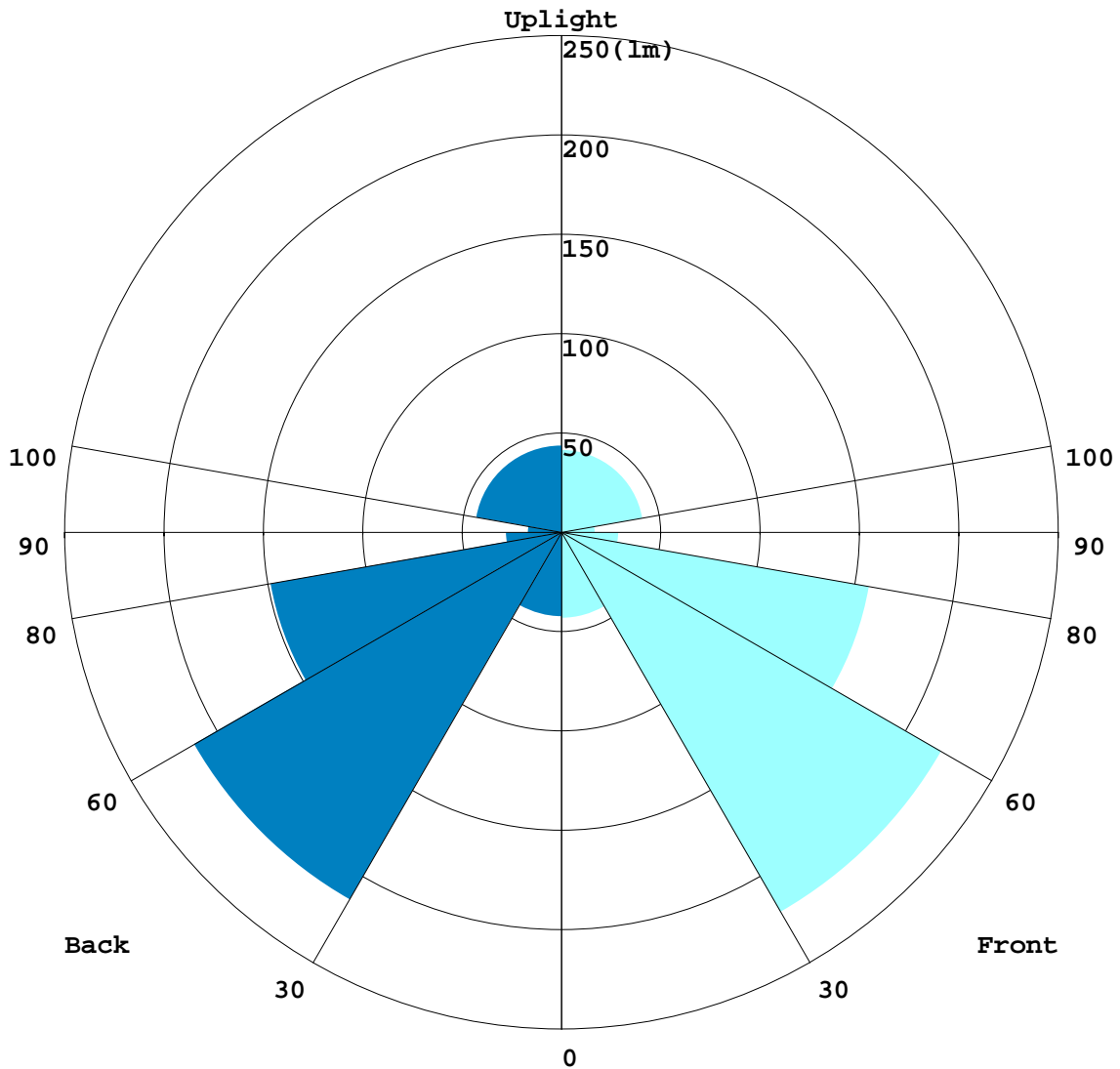
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LCS REPORT

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

BUG REPORT

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	43.068	4.3
FM - Front-Medium(30-60)	220.58	22.1
FH - Front-High(60-80)	157.21	15.7
FVH - Front-Very High(80-90)	28.59	2.9
Total Forward Light	507.64	50.8

BL - Back-Low(0-30)	42.374	4.2
BM - Back-Medium(30-60)	213.32	21.3
BH - Back-High(60-80)	148.54	14.9
BVH - Back-Very High(80-90)	27.753	2.8
Total Back Light	492.36	49.2

UL - Uplight-Low(90-100)	33.727	3.4
UH - Uplight-High(100-180)	84.838	8.5
Total Up Light	118.56	11.9

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	431.99	60.377	492.36
Street Side	449.45	58.188	507.64

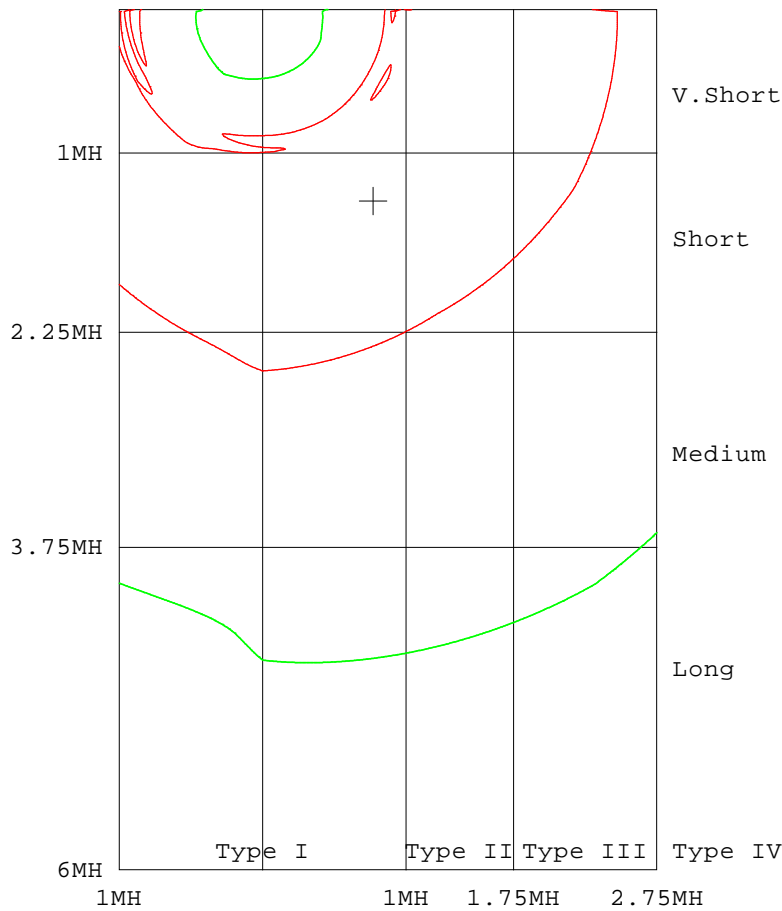
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		

ROAD SURFACE ISOCANDELA DIAGRAM



Pavement Road
 - 70% 169.24 - 20% 48.356 - 2.5% 6.0444
 - 50% 120.89 - 5% 12.089

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ		
Lamp Flux:299.827x1 lm		
Name: ABL-03	Type: LED	
MFR.: Shenzhen Sresky Co.,Ltd		

Table--1

UNIT: cd/klm

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4							
5	54.3	54.5	54.9	55.4	55.6	55.7	54.9	54.9	54.9	54.7	54.3	53.8							
10	58.3	58.1	59.4	60.3	63.2	63.4	61.0	61.6	61.3	60.3	57.6	56.8							
15	75.2	72.8	73.6	76.5	82.8	83.9	80.4	81.4	82.3	82.2	78.0	72.2							
20	100	103	104	108	110	112	107	108	109	107	101	94.9							
25	120	122	123	127	130	125	125	126	123	122	116	111							
30	133	132	135	134	138	134	136	137	133	130	126	123							
35	145	142	146	148	151	144	154	150	148	142	134	132							
40	158	158	159	164	172	167	180	173	172	160	153	147							
45	171	174	171	179	183	178	187	190	166	169	168	157							
50	195	208	224	220	234	218	204	226	202	214	199	206							
55	226	239	238	237	239	226	213	228	227	233	224	211							
60	225	234	229	219	208	203	190	198	213	216	218	210							
65	191	188	192	180	170	174	167	167	175	174	181	166							
70	160	155	160	161	138	145	157	139	155	159	145	135							
75	131	132	129	133	138	107	123	126	117	120	134	126							
80	89.0	92.2	83.4	82.9	74.8	70.7	76.6	71.5	76.1	73.4	85.7	83.1							
85	59.9	50.9	51.2	51.2	46.7	45.9	56.6	46.8	49.3	45.7	51.7	47.7							
90	37.0	32.0	31.4	31.6	30.6	30.8	38.1	31.4	31.0	30.2	30.0	30.9							
95	31.2	29.6	31.2	31.6	31.4	30.0	32.7	30.3	32.8	32.6	30.5	28.3							
100	31.0	27.1	29.0	30.3	29.3	28.0	32.9	28.5	29.9	30.1	28.8	26.3							
105	28.8	22.2	25.2	28.2	26.3	24.4	31.7	25.1	27.4	28.6	26.1	21.7							
110	25.2	16.2	19.4	24.1	19.8	19.6	30.3	20.6	21.2	24.7	19.8	15.8							
115	21.7	13.6	14.3	17.7	14.5	16.5	28.6	17.4	15.7	18.7	14.8	13.1							
120	22.6	14.7	12.1	14.3	12.4	15.4	27.7	16.6	13.4	15.1	12.7	14.1							
125	24.2	17.3	12.8	12.7	12.4	15.6	27.2	17.0	13.0	13.7	12.8	16.7							
130	26.6	18.6	14.0	12.8	13.7	16.2	26.8	18.0	14.3	13.5	14.2	18.2							
135	26.5	18.4	12.3	13.0	12.5	16.1	26.0	17.8	13.8	13.9	13.1	16.5							
140	25.1	17.8	8.70	11.2	8.76	14.7	24.4	16.2	10.7	12.5	9.95	17.0							
145	22.0	15.4	7.97	8.48	7.82	13.5	20.9	14.6	9.13	10.2	8.62	15.2							
150	15.8	9.37	6.95	5.99	6.76	7.99	15.3	8.74	7.92	6.79	7.74	9.34							
155	7.57	5.91	4.11	5.28	3.87	5.22	7.74	6.04	4.84	5.48	4.87	5.96							
160	4.90	4.09	3.90	3.83	3.83	3.73	5.04	4.43	4.25	4.33	4.13	4.36							
165	4.08	4.06	4.26	3.71	3.97	4.08	4.28	4.46	4.09	3.86	4.31	4.28							
170	4.46	4.85	4.59	4.29	4.26	4.46	4.45	4.70	4.32	4.17	4.48	4.78							
175	4.82	4.82	4.60	4.75	4.30	4.40	4.87	4.50	4.27	4.50	4.52	4.66							
180	3.99	4.04	3.97	4.09	3.87	3.81	4.04	3.93	3.95	4.00	4.06	3.86							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: