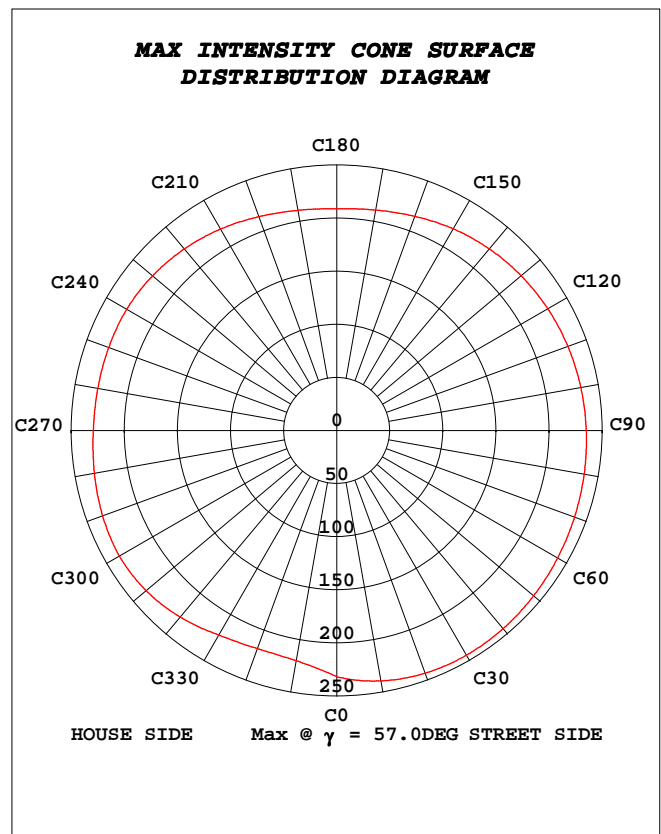
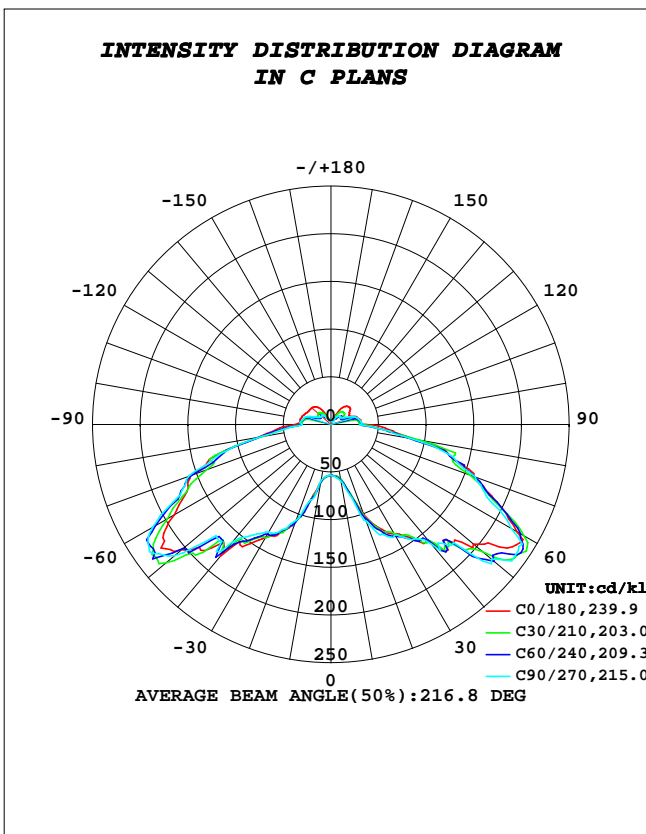


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--|-----------|--|
| Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ | | |
| Lamp Flux:299.827x1 lm | | |
| Name: ABL-02 | Type: LED | |
| MFR.: Shenzhen Sresky Co.,Ltd | | |
| | | |

| DATA OF LAMP | | PHOTOMETRIC DATA η : 0.00 lm/W | | | |
|------------------|---------|-------------------------------------|---------|-------------------------------|---------|
| MODEL | ABL-02 | 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(m ²) | 0.00100 |
| TEST VOLTAGE(V) | | η down(%) | 88.1 | SLI | 14.725 |

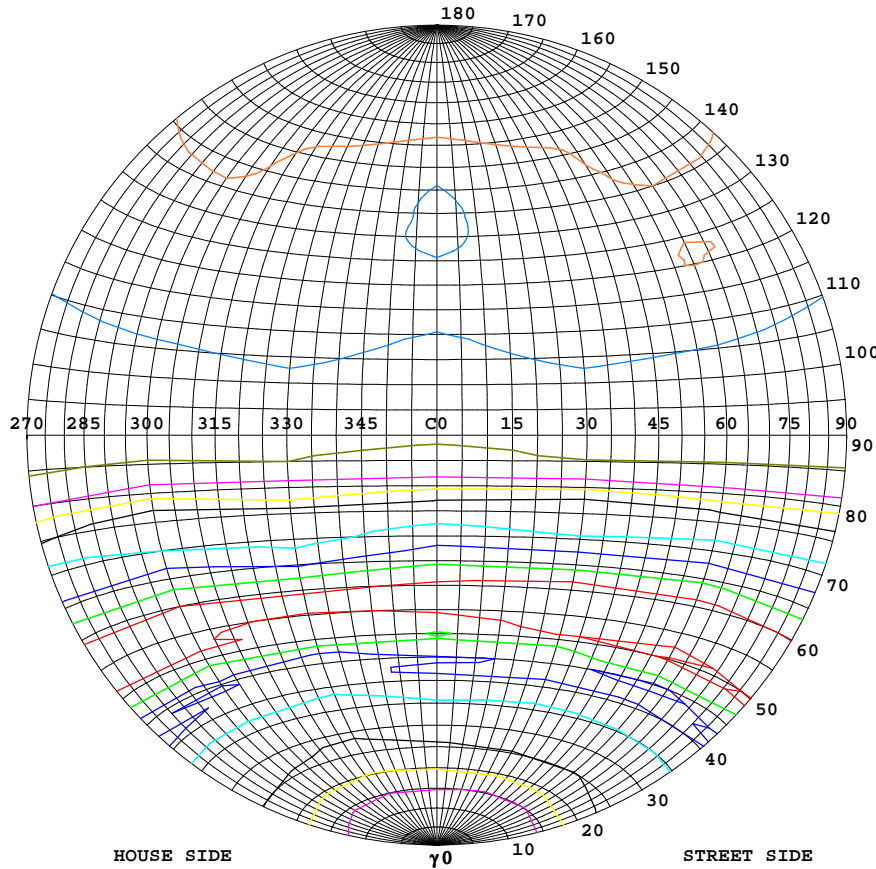


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

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-02 | Type: LED | |
| MFR.: Shenzhen Sresky Co.,Ltd | | |
| | | |



Classification:

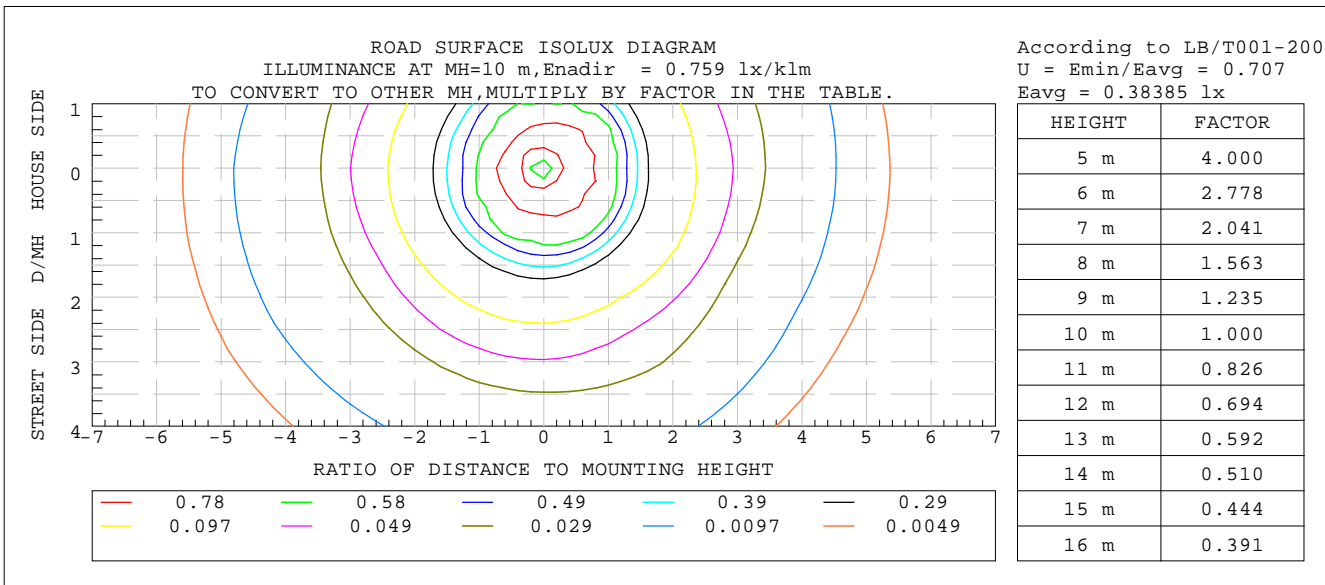
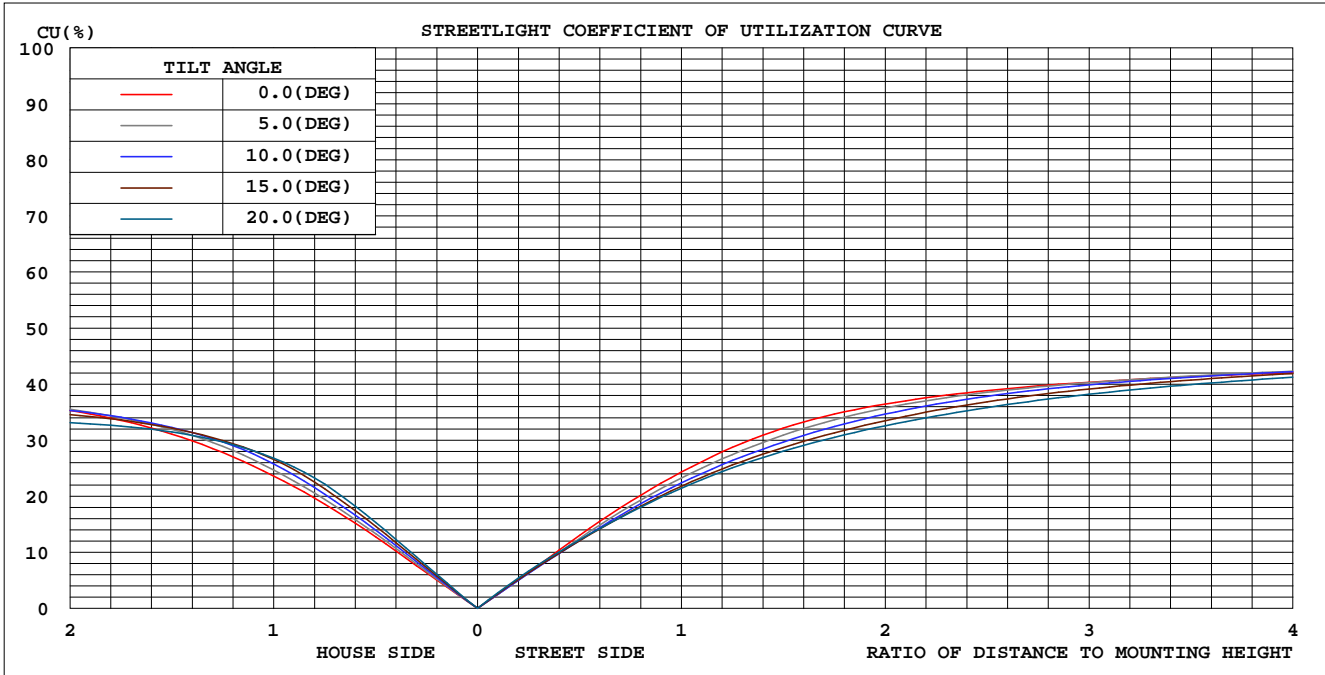
IES:Type V - Short
 CIE:Broad - Short
 IES:None cut-off
 CIE:Semi-cut-off
 Max.At80:138.285cd/klm
 Max.At90:57.15cd/klm
 Max.80-90:138.258cd/klm
 NRB 5101:Semi limited[13.4%]

| 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**



According to LB/T001-2008:
 $U = E_{min}/E_{avg} = 0.707$
 $E_{avg} = 0.38385 \text{ lx}$

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-02 | Type: LED | |
| MFR.: Shenzhen Sresky Co.,Ltd | | |
| | | |

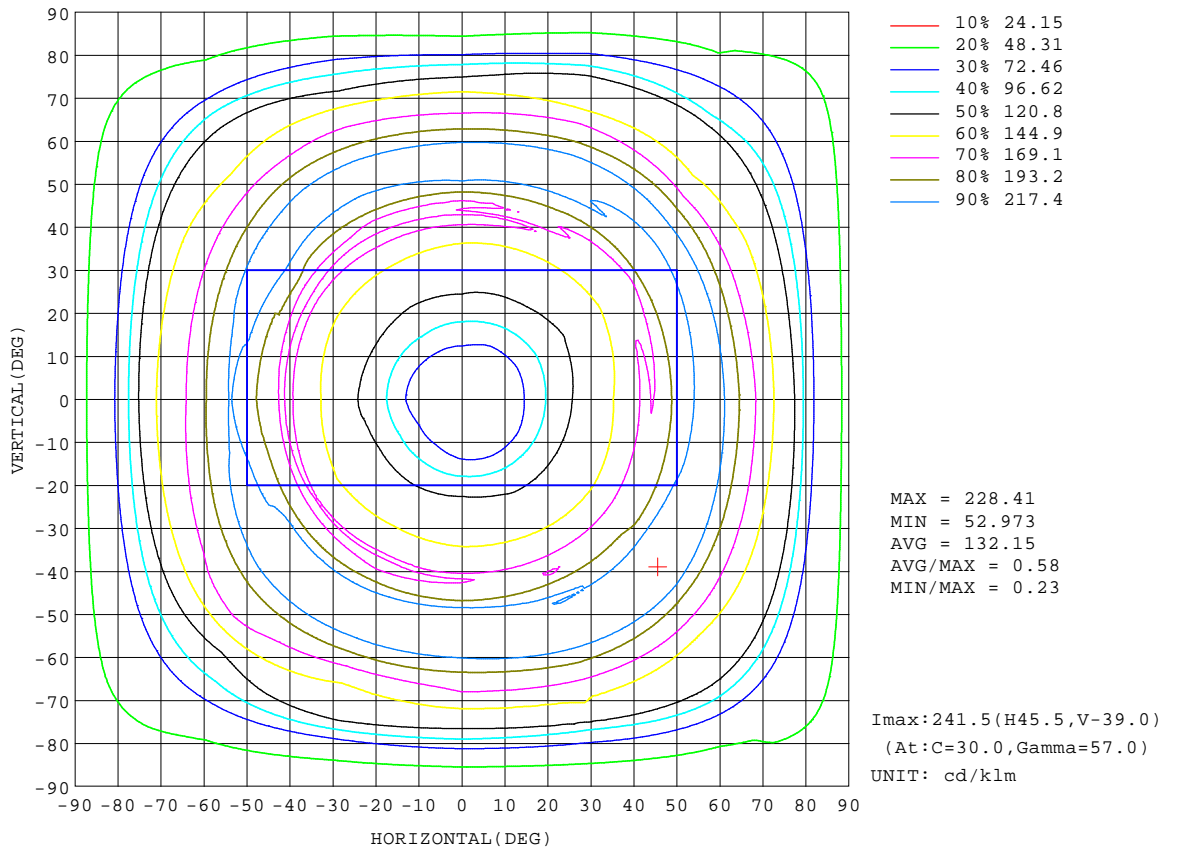
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|-----|---------------------------|-------|-------|-------|-------|-------|-------|-------|---------|-------------|---------|------------|
| 10 | 58.26 | 58.76 | 60.34 | 63.30 | 61.02 | 61.45 | 60.27 | 57.18 | 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

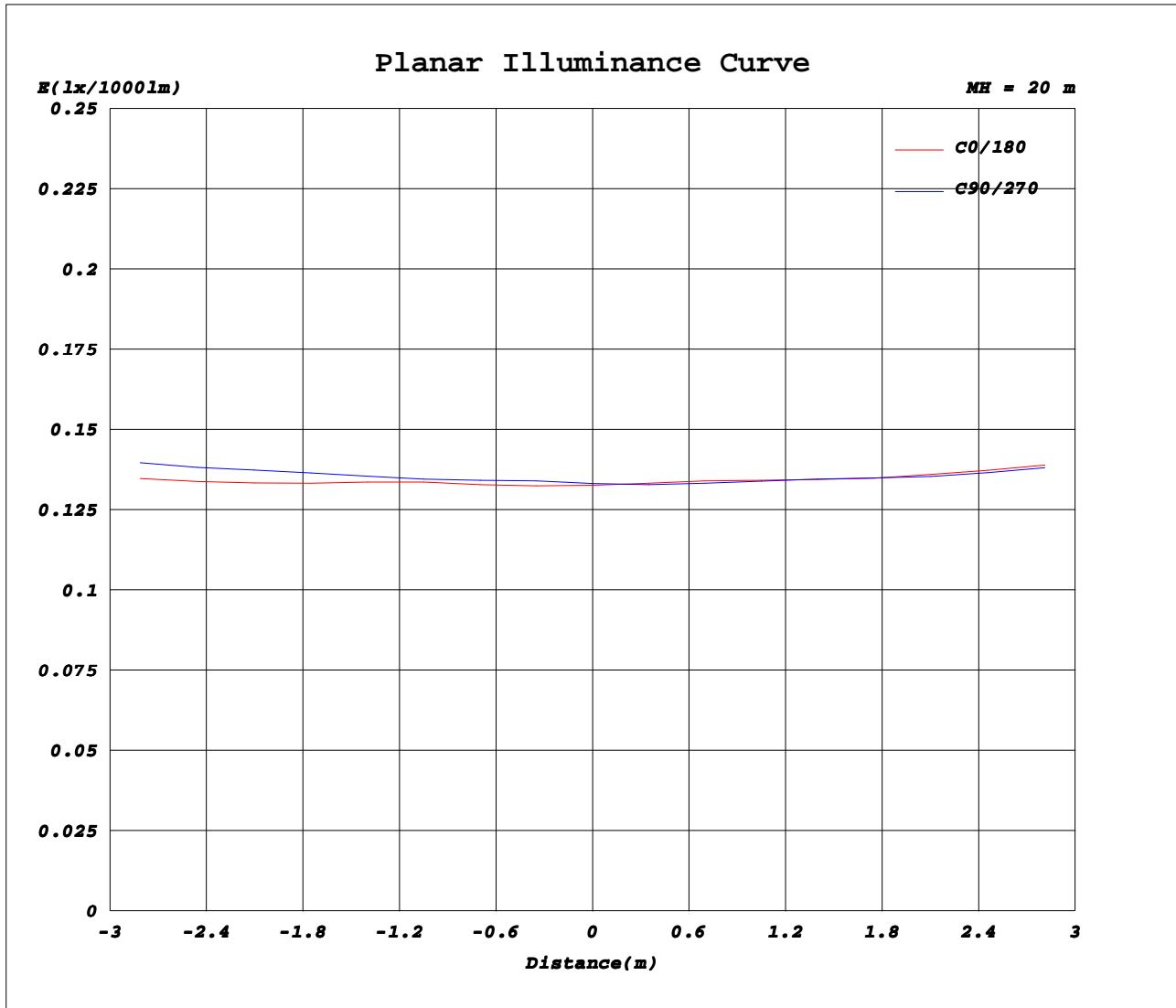
| | | |
|--|-----------|--|
| Test:U:0.0000V I:0.0000A P:0.0000W PF:1.0000 Freq:0.00HZ | | |
| Lamp Flux:299.827x1 lm | | |
| Name: ABL-02 | Type: LED | |
| MFR.: Shenzhen Sresky Co.,Ltd | | |
| | | |



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



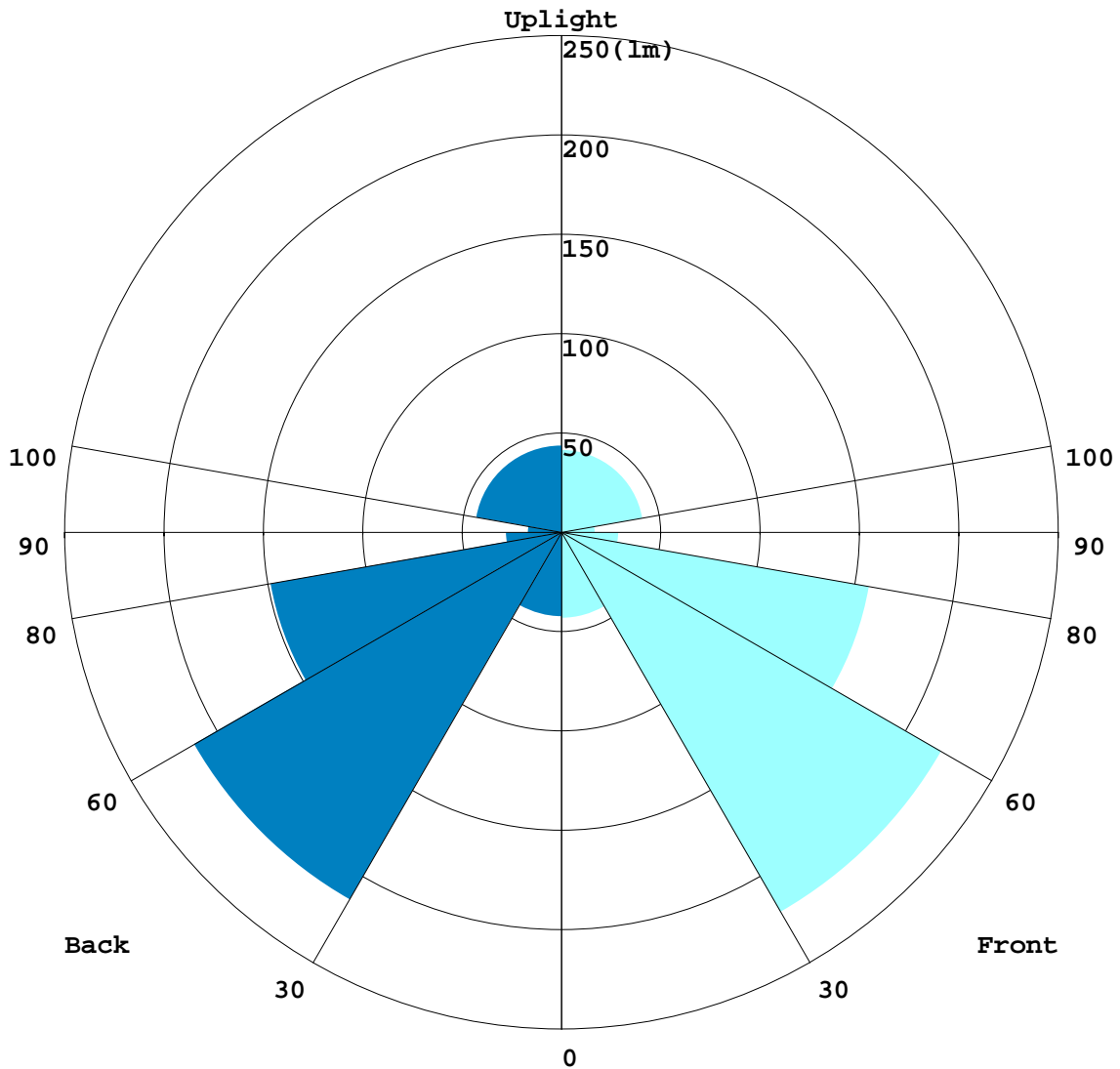
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-03-04

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-02 | 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-02 | 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 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side | 431.99 | 60.377 | 492.36 |
| Street Side | 449.45 | 58.188 | 507.64 |

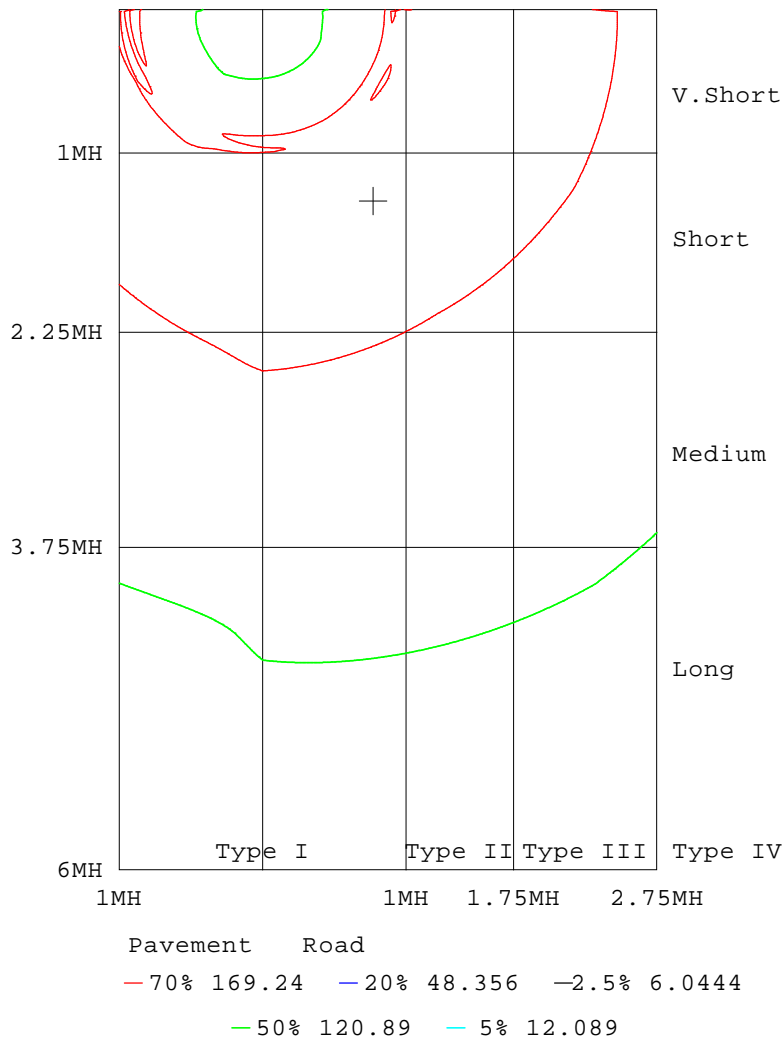
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-03-04

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-02 | Type: LED | |
| MFR.: Shenzhen Sresky Co.,Ltd | | |
| | | |

ROAD SURFACE ISOCANDELA 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:

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-02 | 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: