

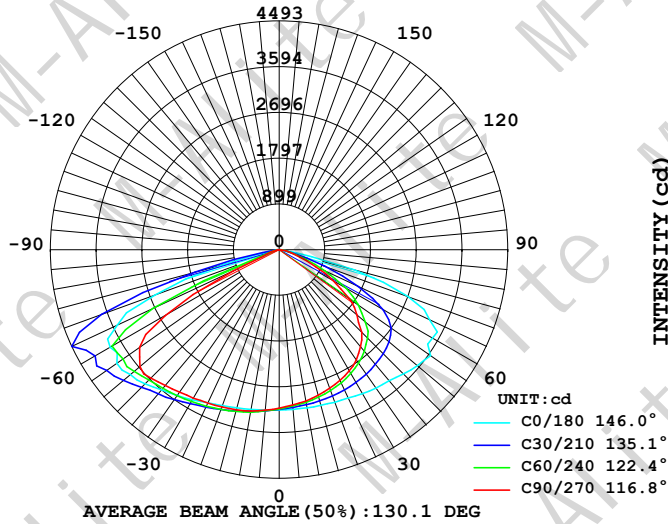
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

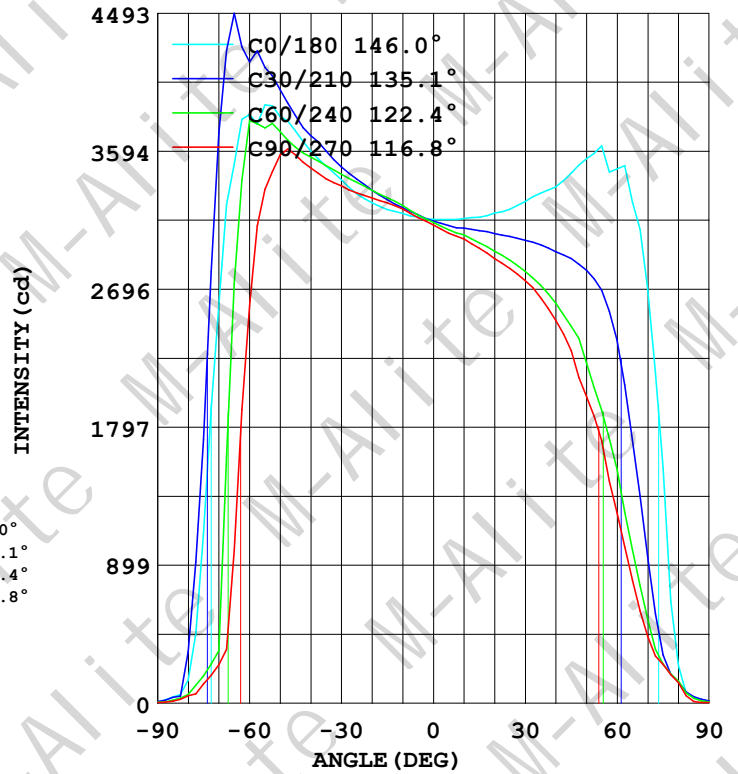
|                          |            |             |
|--------------------------|------------|-------------|
| MANUFACTURER:            |            |             |
| Address:                 |            |             |
| NAME: SL-100W-57K        | TYPE:      | WEIGHT:     |
| SPECIFICATION: TypeIII-M | DIMENSION: | SERIAL No.: |

|                   |         |                     |         |                   |       |
|-------------------|---------|---------------------|---------|-------------------|-------|
| DATA OF LAMP      |         | Imax (cd)           | 4493    | S/MH (C0/180)     | 1.72  |
| MODEL             | 3030    | EFFICIENCY (%)      | 100.0   | S/MH (C90/270)    | 1.69  |
| NOMINAL POWER (W) | 100     | TOTAL FLUX (lm)     | 12841   | Voltage (V)       | 220.3 |
| RATED VOLTAGE (V) | 220     | EFFICIENCY (lm/W)   | 126.9   | Current (A)       | 0.459 |
| NOMINAL FLUX (lm) | 12840.8 | $\eta$ up (%)       | 0.0     | Power (W)         | 101.1 |
| LAMPS QUANTITY    | 1       | $\eta$ down (%)     | 100.0   | Power Factor (PF) | 0.979 |
| TEST VOLTAGE (V)  | 220.4   | Effective Flux (lm) | 12628.0 | EET               | 0.109 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 07-27-2019

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 6.000 m  
 Remarks:

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## Color Temperature Data List

Report number:

|                          |            |             |
|--------------------------|------------|-------------|
| MANUFACTURER:            |            |             |
| Address:                 |            |             |
| NAME: SL-100W-57K        | TYPE:      | WEIGHT:     |
| SPECIFICATION: TypeIII-M | DIMENSION: | SERIAL No.: |

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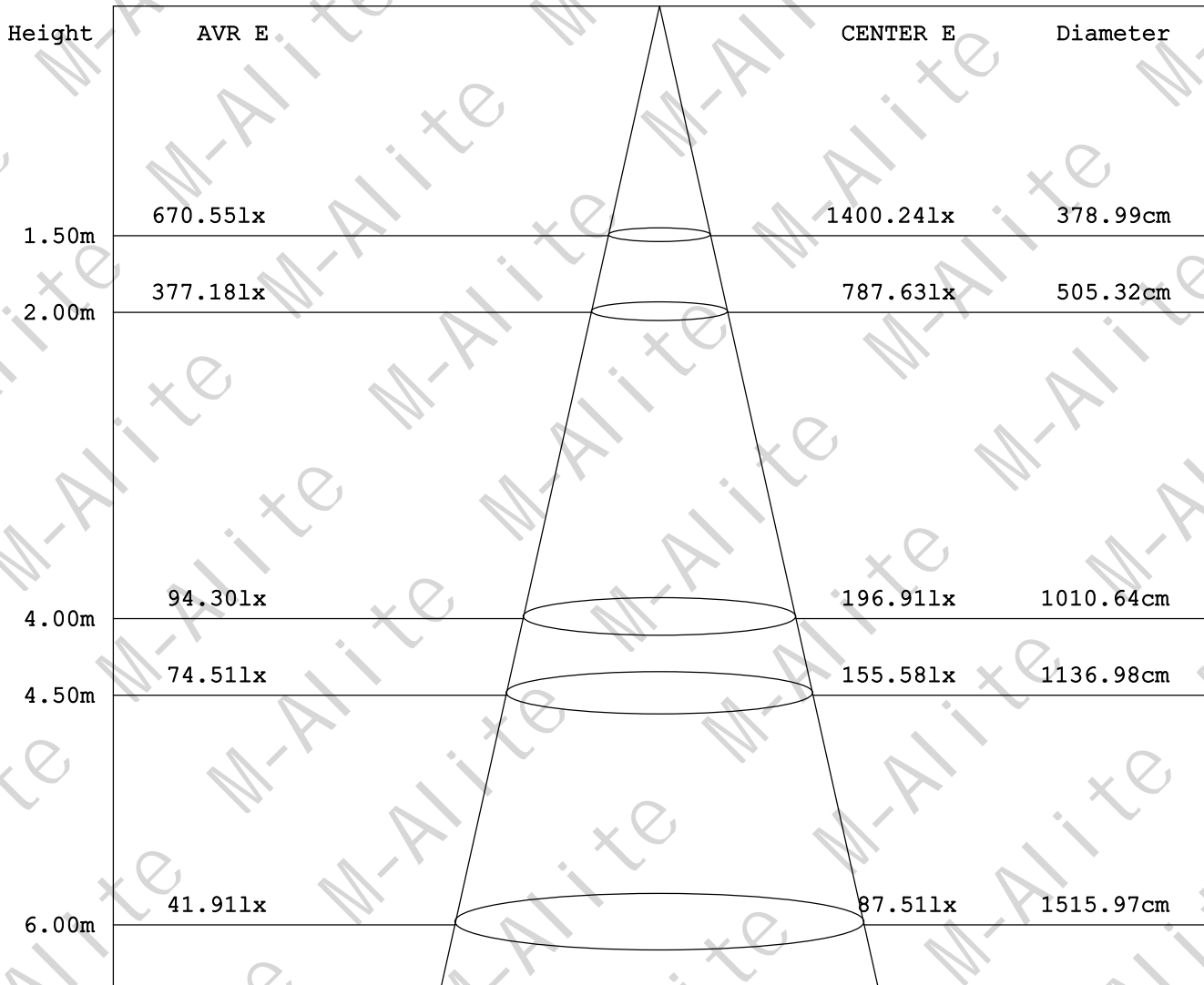
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
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Test Set: 8.0deg/s C-Gamma (TYPE C)  
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## AVERAGE AND CENTER E Figure

Report number:

|                          |            |             |
|--------------------------|------------|-------------|
| MANUFACTURER:            |            |             |
| Address:                 |            |             |
| NAME: SL-100W-57K        | TYPE:      | WEIGHT:     |
| SPECIFICATION: TypeIII-M | DIMENSION: | SERIAL No.: |



Angle:103.3deg

Test System:HOPPO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:07-27-2019

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

|                          |            |             |
|--------------------------|------------|-------------|
| MANUFACTURER:            |            |             |
| Address:                 |            |             |
| NAME: SL-100W-57K        | TYPE:      | WEIGHT:     |
| SPECIFICATION: TypeIII-M | DIMENSION: | SERIAL No.: |

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | zone    | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 5.0      | 3166                  | 3181  | 3162  | 3132  | 3149  | 3096  | 3061  | 3065  | 0- 5     | 74.58   | 74.58 |
| 10.0     | 3190                  | 3240  | 3218  | 3174  | 3157  | 3069  | 3022  | 3046  | 5- 10    | 223.7   | 298.2 |
| 15.0     | 3215                  | 3292  | 3257  | 3218  | 3163  | 3035  | 2961  | 3017  | 10- 15   | 372.1   | 670.4 |
| 20.0     | 3258                  | 3349  | 3289  | 3257  | 3191  | 2996  | 2896  | 2980  | 15- 20   | 517.9   | 1188  |
| 25.0     | 3317                  | 3407  | 3323  | 3299  | 3216  | 2948  | 2830  | 2938  | 20- 25   | 661.1   | 1850  |
| 30.0     | 3408                  | 3466  | 3368  | 3343  | 3267  | 2897  | 2751  | 2890  | 25- 30   | 801.0   | 2651  |
| 35.0     | 3497                  | 3545  | 3415  | 3402  | 3319  | 2835  | 2641  | 2838  | 30- 35   | 936.2   | 3587  |
| 40.0     | 3595                  | 3641  | 3485  | 3481  | 3363  | 2748  | 2492  | 2763  | 35- 40   | 1064    | 4651  |
| 45.0     | 3728                  | 3717  | 3571  | 3551  | 3451  | 2641  | 2295  | 2665  | 40- 45   | 1183    | 5834  |
| 50.0     | 3820                  | 3838  | 3568  | 3657  | 3545  | 2487  | 1995  | 2525  | 45- 50   | 1289    | 7123  |
| 55.0     | 3896                  | 4010  | 3346  | 3839  | 3628  | 2260  | 1710  | 2298  | 50- 55   | 1369    | 8491  |
| 60.0     | 3833                  | 4111  | 2590  | 3969  | 3478  | 1847  | 1240  | 1855  | 55- 60   | 1381    | 9873  |
| 65.0     | 3509                  | 3717  | 993.9 | 3542  | 3265  | 1322  | 804.0 | 1291  | 60- 65   | 1273    | 11146 |
| 70.0     | 2593                  | 2069  | 250.5 | 1944  | 2694  | 663.0 | 433.4 | 639.0 | 65- 70   | 941.9   | 12088 |
| 75.0     | 1107                  | 316.9 | 127.0 | 270.1 | 1530  | 279.5 | 253.4 | 286.8 | 70- 75   | 525.5   | 12613 |
| 80.0     | 151.2                 | 79.25 | 49.35 | 72.26 | 244.1 | 138.8 | 135.3 | 143.7 | 75- 80   | 179.6   | 12793 |
| 85.0     | 39.98                 | 21.86 | 14.40 | 20.73 | 38.66 | 46.74 | 11.90 | 47.35 | 80- 85   | 38.04   | 12831 |
| 90.0     | 10.28                 | 6.544 | 6.104 | 7.259 | 10.42 | 15.61 | 5.004 | 14.21 | 85- 90   | 10.00   | 12841 |
| 95.0     |                       |       |       |       |       |       |       |       | 90- 95   |         |       |
| 100.0    |                       |       |       |       |       |       |       |       | 95-100   |         |       |
| 105.0    |                       |       |       |       |       |       |       |       | 100-105  |         |       |
| 110.0    |                       |       |       |       |       |       |       |       | 105-110  |         |       |
| 115.0    |                       |       |       |       |       |       |       |       | 110-115  |         |       |
| 120.0    |                       |       |       |       |       |       |       |       | 115-120  |         |       |
| 125.0    |                       |       |       |       |       |       |       |       | 120-125  |         |       |
| 130.0    |                       |       |       |       |       |       |       |       | 125-130  |         |       |
| 135.0    |                       |       |       |       |       |       |       |       | 130-135  |         |       |
| 140.0    |                       |       |       |       |       |       |       |       | 135-140  |         |       |
| 145.0    |                       |       |       |       |       |       |       |       | 140-145  |         |       |
| 150.0    |                       |       |       |       |       |       |       |       | 145-150  |         |       |
| 155.0    |                       |       |       |       |       |       |       |       | 150-155  |         |       |
| 160.0    |                       |       |       |       |       |       |       |       | 155-160  |         |       |
| 165.0    |                       |       |       |       |       |       |       |       | 160-165  |         |       |
| 170.0    |                       |       |       |       |       |       |       |       | 165-170  |         |       |
| 175.0    |                       |       |       |       |       |       |       |       | 170-175  |         |       |
| 180.0    |                       |       |       |       |       |       |       |       | 175-180  |         |       |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm |       |

Test System:HOPPO HPG1800  
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 Operators:  
 Test Date:07-27-2019

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

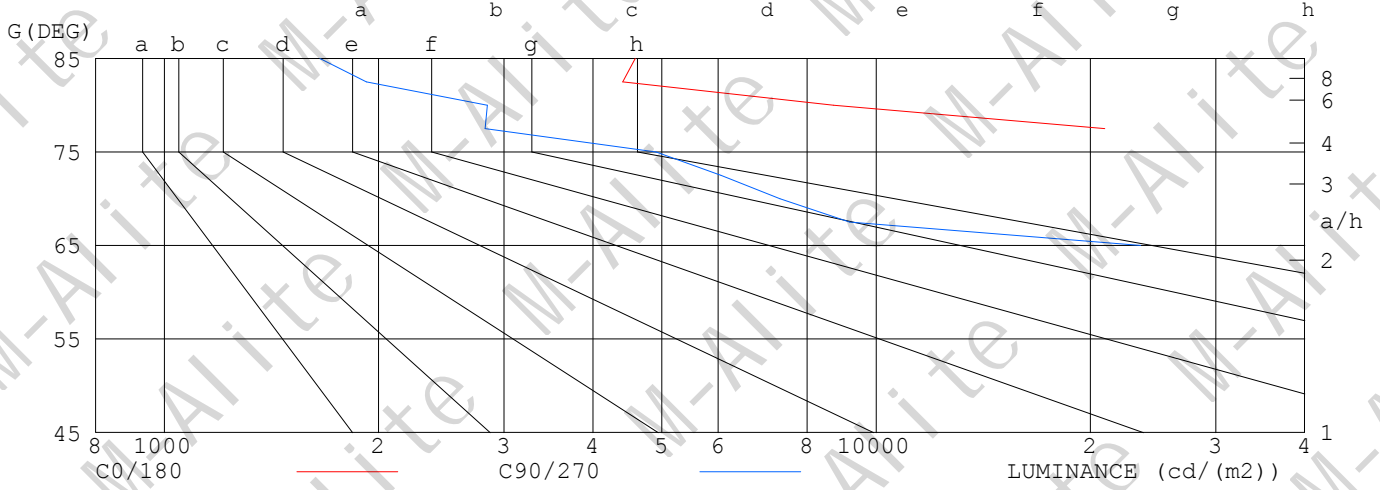
## LUMINANCE LIMITATION CURVES

Report number:

|                                 |                   |                    |
|---------------------------------|-------------------|--------------------|
| <b>MANUFACTURER:</b>            |                   |                    |
| <b>Address:</b>                 |                   |                    |
| <b>NAME: SL-100W-57K</b>        | <b>TYPE:</b>      | <b>WEIGHT:</b>     |
| <b>SPECIFICATION: TypeIII-M</b> | <b>DIMENSION:</b> | <b>SERIAL No.:</b> |

### LUMINANCE LIMITATION CURVES

| GLARE | CLASS | ILLUMINANCE (lx) |      |      |       |       |       |       |       |
|-------|-------|------------------|------|------|-------|-------|-------|-------|-------|
|       |       | 2000             | 1000 | 500  | <=300 |       |       |       |       |
| 1.15  | A     |                  |      |      |       |       |       |       |       |
| 1.50  | B     |                  | 2000 | 1000 | 500   | <=300 |       |       |       |
| 1.85  | C     |                  |      | 2000 | 1000  | 500   | <=300 |       |       |
| 2.20  | D     |                  |      |      | 2000  | 1000  | 500   | <=300 |       |
| 2.55  | E     |                  |      |      |       | 2000  | 1000  | 500   | <=300 |



| G (DEG) | LUMINANCE cd/ (m2) |         |
|---------|--------------------|---------|
|         | C0/180             | C90/270 |
| 85      | 4587               | 1653    |
| 80      | 8713               | 2842    |
| 75      | 42788              | 4909    |
| 70      | 75819              | 7324    |
| 65      | 83040              | 23519   |
| 60      | 76669              | 51793   |
| 55      | 67927              | 58331   |
| 50      | 59425              | 55510   |
| 45      | 52715              | 50502   |

Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 07-27-2019

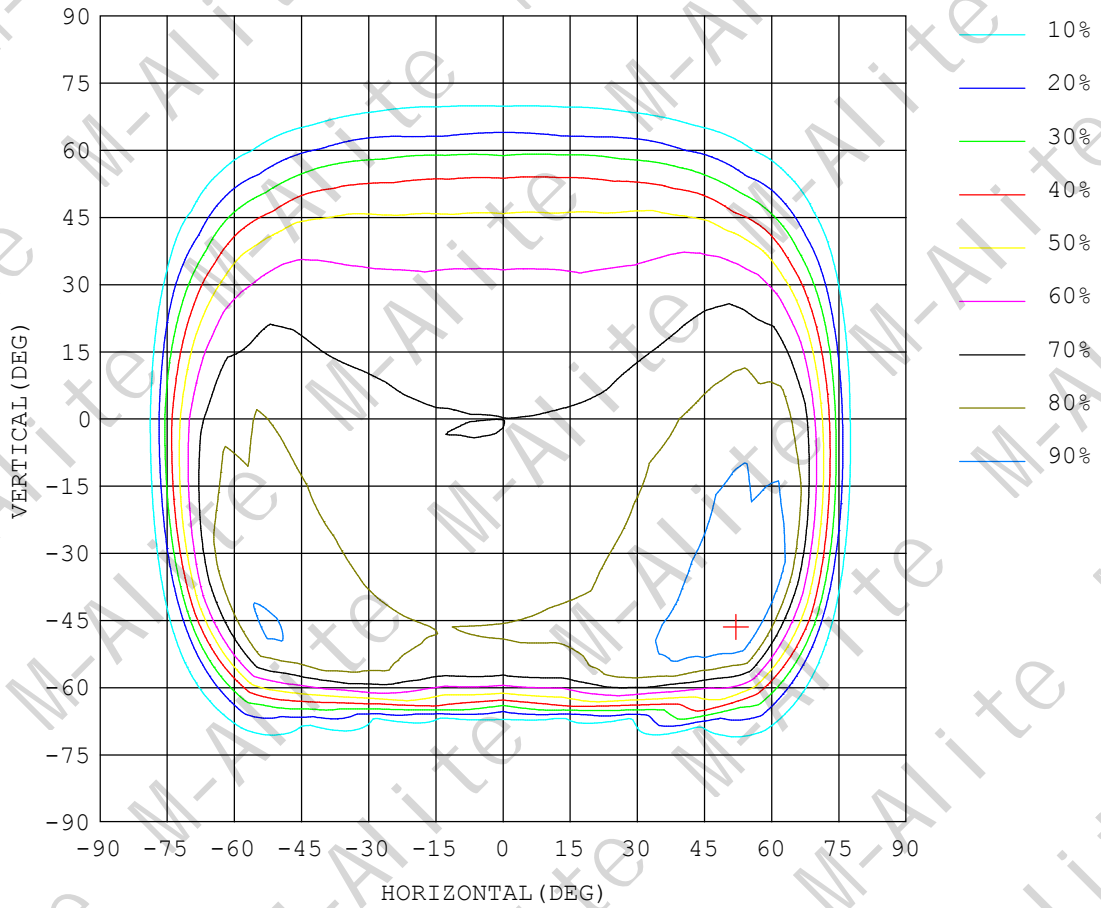
Test Set: 8.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 6.000 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

|                          |            |             |
|--------------------------|------------|-------------|
| MANUFACTURER:            |            |             |
| Address:                 |            |             |
| NAME: SL-100W-57K        | TYPE:      | WEIGHT:     |
| SPECIFICATION: TypeIII-M | DIMENSION: | SERIAL No.: |

UNIT: cd



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
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Test Set: 8.0deg/s C-Gamma (TYPE C)  
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