

## PHOTOMETRIC TEST REPORT

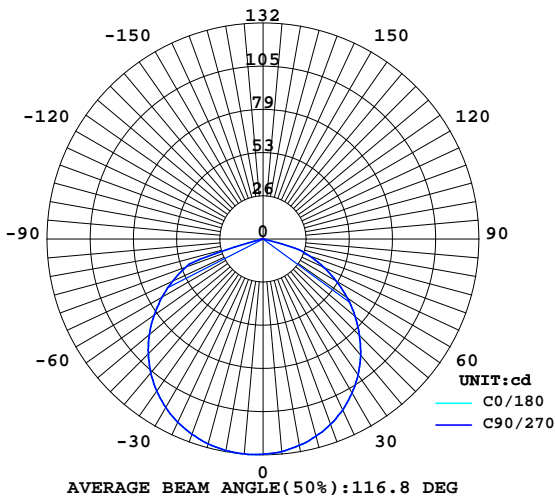
### LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

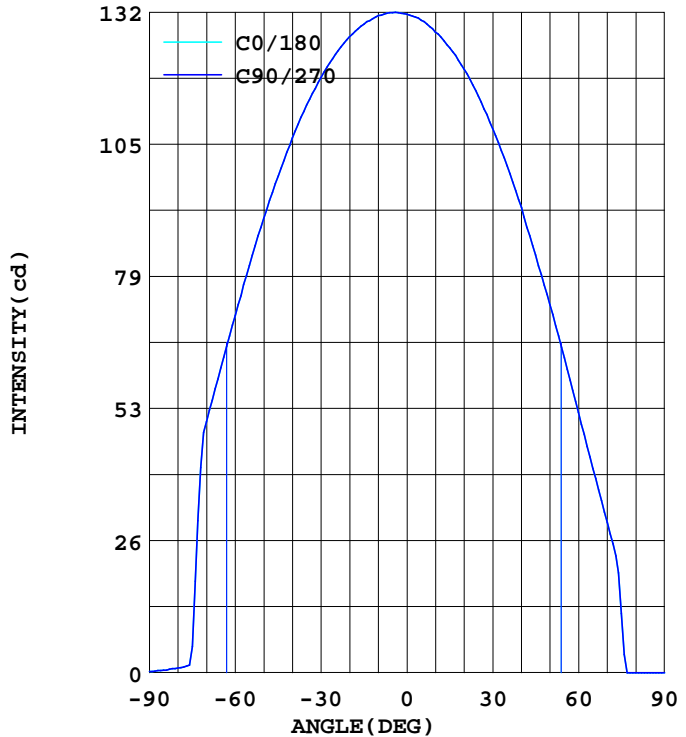
|                                     |                      |                    |
|-------------------------------------|----------------------|--------------------|
| <b>BRAND: BRAYTRON</b>              |                      |                    |
| <b>NAME: 6W SMD LED PANEL LIGHT</b> | <b>TYPE: SMD-CRD</b> | <b>WEIGHT:</b>     |
| <b>MODEL NO.: BP01-30610</b>        | <b>DIMENSION:</b>    | <b>SERIAL No.:</b> |

|                         |            |                            |        |                         |       |
|-------------------------|------------|----------------------------|--------|-------------------------|-------|
| <b>DATA OF LAMP</b>     |            | <b>I<sub>max</sub>(cd)</b> | 131.6  | <b>S/MH(C0/180)</b>     | 1.34  |
| <b>MODEL</b>            | BP01-30610 | <b>EFFICIENCY(%)</b>       | 100.0  | <b>S/MH(C90/270)</b>    | 1.34  |
| <b>NOMINAL POWER(W)</b> | 6          | <b>TOTAL FLUX(lm)</b>      | 371.06 | <b>Voltage(V)</b>       | 220.6 |
| <b>RATED VOLTAGE(V)</b> | 220        | <b>EFFICIENCY(lm/W)</b>    | 58.3   | <b>Current(A)</b>       | 0.056 |
| <b>NOMINAL FLUX(lm)</b> | 371.1      | <b>η up(%)</b>             | 0.0    | <b>Power(W)</b>         | 6.360 |
| <b>LAMPS QUANTITY</b>   | 1          | <b>η down(%)</b>           | 100.0  | <b>Power Factor(PF)</b> | 0.510 |
| <b>TEST VOLTAGE(V)</b>  | 220.7      | <b>Effictive Flux(lm)</b>  | 0.0    | <b>EEI</b>              | 0.000 |

**LUMINOUS INTENSITY DISTRIBUTION**



**LUMINOUS INTENSITY DISTRIBUTION**



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017.08.14

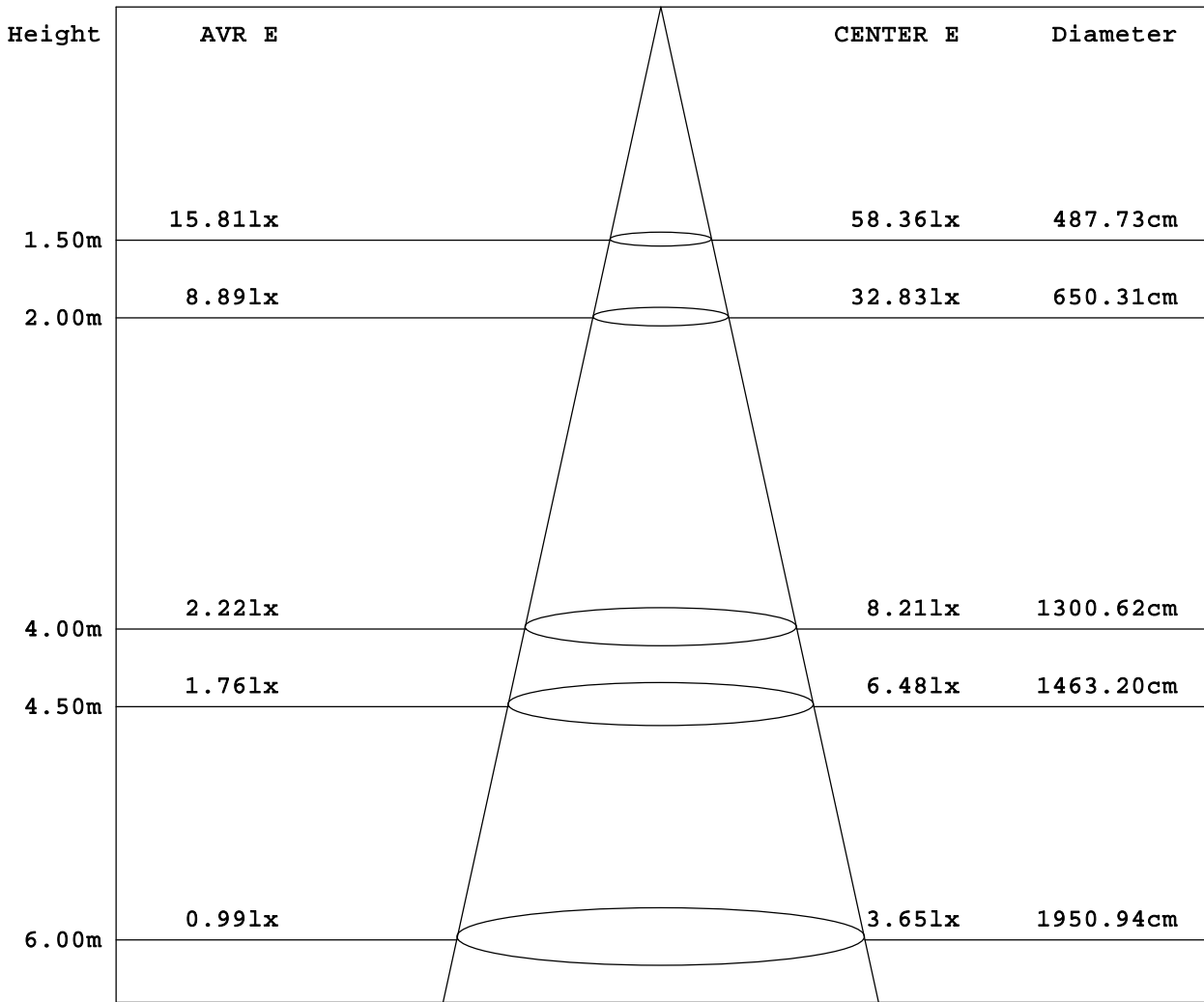
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

## PHOTOMETRIC TEST REPORT

### AVERAGE AND CENTER E Figure

Report number:

|                              |               |             |
|------------------------------|---------------|-------------|
| BRAND: BRAYTRON              |               |             |
| NAME: 6W SMD LED PANEL LIGHT | TYPE: SMD-CRD | WEIGHT:     |
| MODEL NO.: BP01-30610        | DIMENSION:    | SERIAL No.: |



Angle: 116.8deg

Test System: HOPOO HPG1900  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017.08.14

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

## PHOTOMETRIC TEST REPORT

### ZONAL FLUX DIAGRAM

Report number:

|                              |               |             |  |
|------------------------------|---------------|-------------|--|
| BRAND: BRAYTRON              |               |             |  |
| NAME: 6W SMD LED PANEL LIGHT | TYPE: SMD-CRD | WEIGHT:     |  |
| MODEL NO.: BP01-30610        | DIMENSION:    | SERIAL No.: |  |

| $\gamma$ | C0                    | C180  | $\gamma$ | $\Phi$ zone | $\Phi$ total |
|----------|-----------------------|-------|----------|-------------|--------------|
| 5.0      | 131.6                 | 130.1 | 0- 5     | 3           | 3            |
| 10.0     | 131.0                 | 127.6 | 5- 10    | 9           | 12           |
| 15.0     | 129.3                 | 124.6 | 10- 15   | 15          | 28           |
| 20.0     | 126.8                 | 120.2 | 15- 20   | 21          | 48           |
| 25.0     | 123.3                 | 115.0 | 20- 25   | 25          | 74           |
| 30.0     | 118.7                 | 108.5 | 25- 30   | 29          | 103          |
| 35.0     | 113.1                 | 101.1 | 30- 35   | 33          | 136          |
| 40.0     | 106.5                 | 92.79 | 35- 40   | 34          | 170          |
| 45.0     | 99.00                 | 83.30 | 40- 45   | 35          | 206          |
| 50.0     | 90.59                 | 73.29 | 45- 50   | 35          | 240          |
| 55.0     | 81.19                 | 62.80 | 50- 55   | 33          | 274          |
| 60.0     | 71.20                 | 51.89 | 55- 60   | 31          | 305          |
| 65.0     | 60.79                 | 40.70 | 60- 65   | 27          | 332          |
| 70.0     | 50.00                 | 30.00 | 65- 70   | 23          | 355          |
| 75.0     | 5.200                 | 11.80 | 70- 75   | 15          | 370          |
| 80.0     | 0.900                 | 0     | 75- 80   | 1           | 371          |
| 85.0     | 0.500                 | 0     | 80- 85   | 0           | 371          |
| 90.0     | 0.200                 | 0     | 85- 90   | 0           | 371          |
| 95.0     | 0                     | 0     | 90- 95   | 0           | 371          |
| 100.0    | 0                     | 0     | 95-100   | 0           | 371          |
| 105.0    | 0                     | 0     | 100-105  | 0           | 371          |
| 110.0    | 0                     | 0     | 105-110  | 0           | 371          |
| 115.0    | 0                     | 0     | 110-115  | 0           | 371          |
| 120.0    | 0                     | 0     | 115-120  | 0           | 371          |
| 125.0    | 0                     | 0     | 120-125  | 0           | 371          |
| 130.0    | 0                     | 0     | 125-130  | 0           | 371          |
| 135.0    | 0                     | 0     | 130-135  | 0           | 371          |
| 140.0    | 0                     | 0     | 135-140  | 0           | 371          |
| 145.0    | 0                     | 0     | 140-145  | 0           | 371          |
| 150.0    | 0                     | 0     | 145-150  | 0           | 371          |
| 155.0    | 0                     | 0     | 150-155  | 0           | 371          |
| 160.0    | 0                     | 0     | 155-160  | 0           | 371          |
| 165.0    | 0                     | 0     | 160-165  | 0           | 371          |
| 170.0    | 0                     | 0     | 165-170  | 0           | 371          |
| 175.0    | 0                     | 0     | 170-175  | 0           | 371          |
| 180.0    | 0                     | 0     | 175-180  | 0           | 371          |
| DEG      | LUMINOUS INTENSITY:cd |       |          | UNIT:lm     |              |

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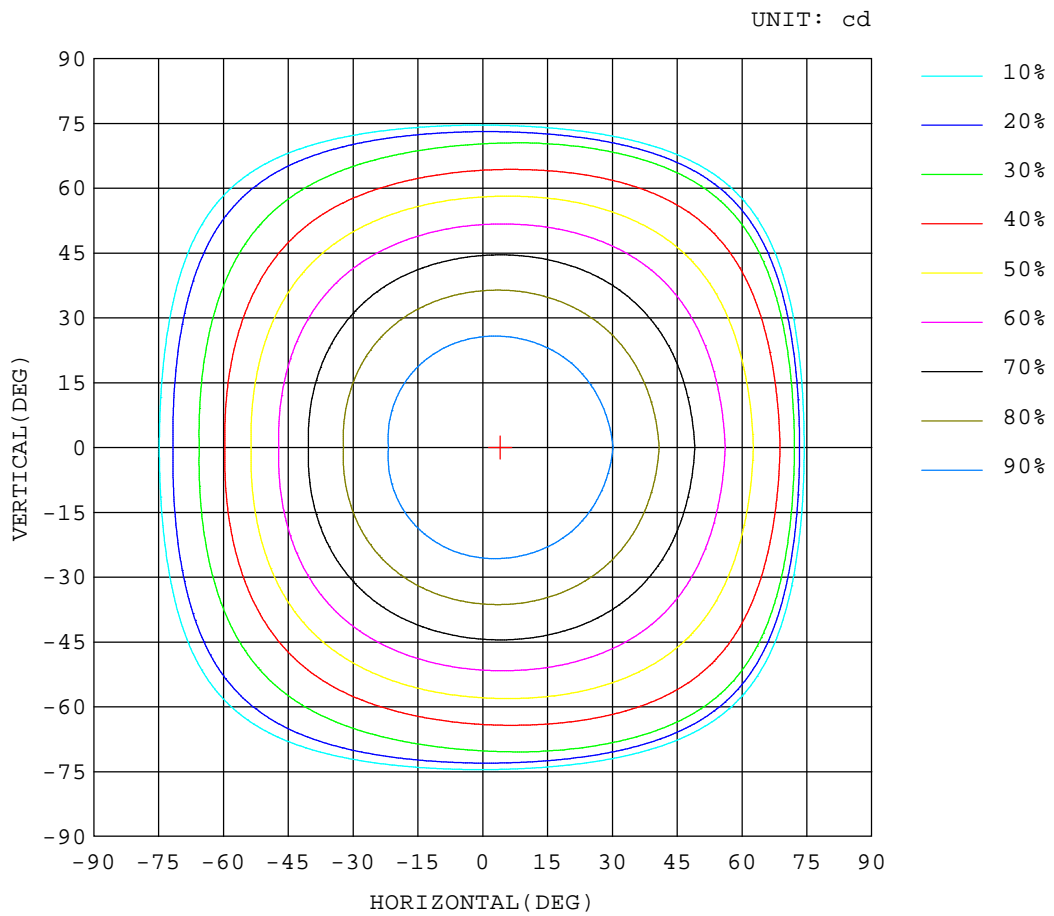
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

## PHOTOMETRIC TEST REPORT

### ISOCANDELA DIAGRAM

Report number:

|                              |               |             |  |
|------------------------------|---------------|-------------|--|
| BRAND: BRAYTRON              |               |             |  |
| NAME: 6W SMD LED PANEL LIGHT | TYPE: SMD-CRD | WEIGHT:     |  |
| MODEL NO.: BP01-30610        | DIMENSION:    | SERIAL No.: |  |



Test System: HOPOO HPG1900  
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 Operators:  
 Test Date: 2017.08.14

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
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 Remarks:

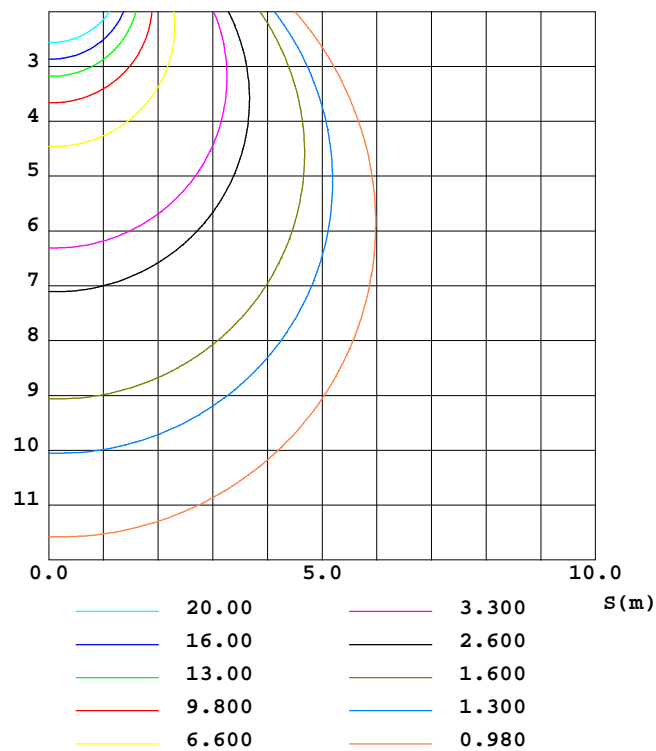
## PHOTOMETRIC TEST REPORT

### ISOLUX DIAGRAM

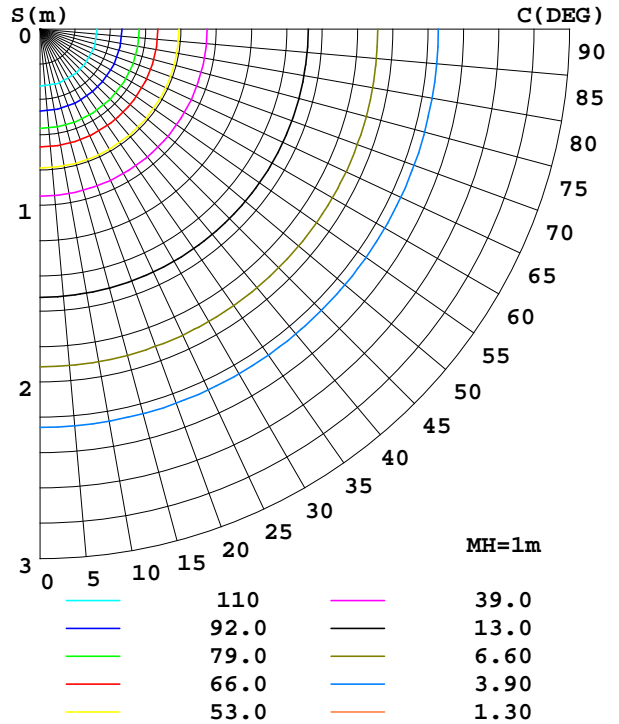
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C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



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## PHOTOMETRIC TEST REPORT

### LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                     |                      |                    |
|-------------------------------------|----------------------|--------------------|
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| <b>NAME: 6W SMD LED PANEL LIGHT</b> | <b>TYPE: SMD-CRD</b> | <b>WEIGHT:</b>     |
| <b>MODEL NO.: BP01-30610</b>        | <b>DIMENSION:</b>    | <b>SERIAL No.:</b> |

UNIT: cd

| γ (DEG) | C (DEG) |      |
|---------|---------|------|
|         | 0       | 180  |
| 0.0     | 131     | 131  |
| 5.0     | 132     | 130  |
| 10.0    | 131     | 128  |
| 15.0    | 129     | 125  |
| 20.0    | 127     | 120  |
| 25.0    | 123     | 115  |
| 30.0    | 119     | 109  |
| 35.0    | 113     | 101  |
| 40.0    | 107     | 92.7 |
| 45.0    | 99.0    | 83.3 |
| 50.0    | 90.5    | 73.2 |
| 55.0    | 81.1    | 62.8 |
| 60.0    | 71.2    | 51.8 |
| 65.0    | 60.7    | 40.7 |
| 70.0    | 50.0    | 30.0 |
| 75.0    | 5.20    | 11.8 |
| 80.0    | 0.90    | 0.00 |
| 85.0    | 0.50    | 0.00 |
| 90.0    | 0.20    | 0.00 |
| 95.0    | 0.00    | 0.00 |
| 100.0   | 0.00    | 0.00 |
| 105.0   | 0.00    | 0.00 |
| 110.0   | 0.00    | 0.00 |
| 115.0   | 0.00    | 0.00 |
| 120.0   | 0.00    | 0.00 |
| 125.0   | 0.00    | 0.00 |
| 130.0   | 0.00    | 0.00 |
| 135.0   | 0.00    | 0.00 |
| 140.0   | 0.00    | 0.00 |
| 145.0   | 0.00    | 0.00 |
| 150.0   | 0.00    | 0.00 |
| 155.0   | 0.00    | 0.00 |
| 160.0   | 0.00    | 0.00 |
| 165.0   | 0.00    | 0.00 |
| 170.0   | 0.00    | 0.00 |
| 175.0   | 0.00    | 0.00 |
| 180.0   | 0.00    | 0.00 |

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