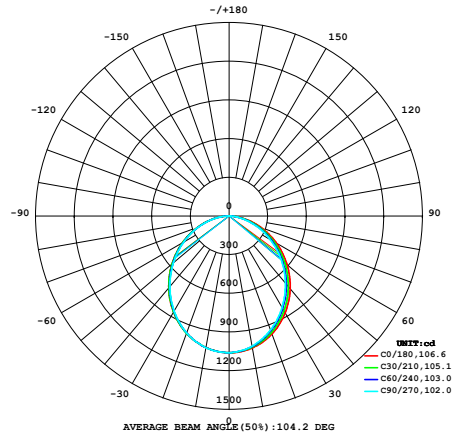


LAMP PHOTOMETRIC REPORT

|                                     |               |                       |
|-------------------------------------|---------------|-----------------------|
| MODEL: 99PFM602440/WH               |               |                       |
| POWER: 24W                          | VOLTAGE: 230V | WORKING VOLTAGE: 230V |
| MANUFACTURER: Elmark Industries JSC |               |                       |

TOTAL FLUX: 2767.6 lm



| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %    |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------|
| 10       | 1039                  | 1031  | 1027  | 1028  | 1036  | 1036  | 1038  | 1039  | 0- 10    | 99.91       | 99.91        | 3.61 |
| 20       | 973.7                 | 953.6 | 941.6 | 949.6 | 967.3 | 967.2 | 966.0 | 970.8 | 10- 20   | 282.6       | 382.5        | 13.8 |
| 30       | 870.0                 | 840.1 | 822.1 | 834.8 | 862.1 | 858.6 | 853.3 | 863.0 | 20- 30   | 418.7       | 801.2        | 29   |
| 40       | 737.8                 | 702.6 | 680.3 | 696.7 | 728.8 | 723.9 | 715.3 | 728.3 | 30- 40   | 490.5       | 1292         | 46.7 |
| 50       | 587.3                 | 550.5 | 528.0 | 544.6 | 578.3 | 573.2 | 564.2 | 577.5 | 40- 50   | 493.1       | 1785         | 64.5 |
| 60       | 427.5                 | 392.3 | 371.9 | 387.1 | 419.2 | 415.8 | 407.9 | 419.1 | 50- 60   | 432.6       | 2217         | 80.1 |
| 70       | 266.1                 | 235.6 | 218.8 | 232.1 | 260.4 | 259.3 | 253.1 | 261.0 | 60- 70   | 322.4       | 2540         | 91.8 |
| 80       | 115.9                 | 91.42 | 80.68 | 90.43 | 113.2 | 113.8 | 109.7 | 113.1 | 70- 80   | 183.5       | 2723         | 98.4 |
| 90       | 1.361                 | 0     | 0     | 0     | 1.590 | 0     | 0     | 0     | 80- 90   | 44.15       | 2768         | 100  |
| 100      |                       |       |       |       |       |       |       |       | 90-100   |             |              |      |
| 110      |                       |       |       |       |       |       |       |       | 100-110  |             |              |      |
| 120      |                       |       |       |       |       |       |       |       | 110-120  |             |              |      |
| 130      |                       |       |       |       |       |       |       |       | 120-130  |             |              |      |
| 140      |                       |       |       |       |       |       |       |       | 130-140  |             |              |      |
| 150      |                       |       |       |       |       |       |       |       | 140-150  |             |              |      |
| 160      |                       |       |       |       |       |       |       |       | 150-160  |             |              |      |
| 170      |                       |       |       |       |       |       |       |       | 160-170  |             |              |      |
| 180      |                       |       |       |       |       |       |       |       | 170-180  |             |              |      |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |      |

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 2.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:30 November 2022

V(B) Range:-85 - 85DEG  
 V(B) Interval: 2.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:6.265m [K=1.0000]  
 Remarks:

V(B) Range:-85 - 85DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.265m [K=1.0000]  
Remarks:

```
V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```

```
V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```

```
V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```