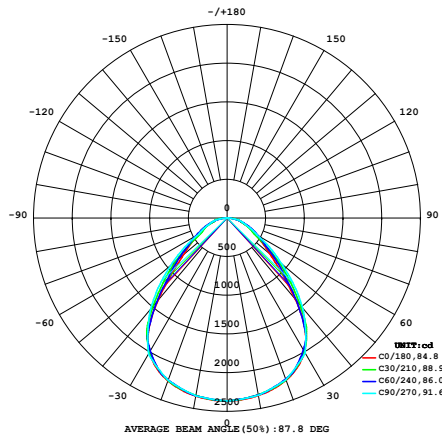


LAMP PHOTOMETRIC REPORT

| | | |
|-------------------------------------|---------------|-----------------------|
| MODEL: 92Panel029W | | |
| POWER: 48W | VOLTAGE: 230V | WORKING VOLTAGE: 230V |
| MANUFACTURER: Elmark Industries JSC | | |

TOTAL FLUX: 4975.1 lm



| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | % |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------|
| 10 | 2330 | 2318 | 2326 | 2323 | 2338 | 2329 | 2333 | 2324 | 0- 10 | 223.5 | 223.5 | 4.49 |
| 20 | 2231 | 2212 | 2224 | 2220 | 2239 | 2224 | 2233 | 2221 | 10- 20 | 645.0 | 868.5 | 17.5 |
| 30 | 1996 | 1978 | 2017 | 1990 | 2007 | 1992 | 2032 | 1995 | 20- 30 | 980.7 | 1849 | 37.2 |
| 40 | 1375 | 1455 | 1522 | 1461 | 1392 | 1459 | 1542 | 1473 | 30- 40 | 1095 | 2944 | 59.2 |
| 50 | 724.0 | 810.6 | 917.3 | 828.2 | 734.4 | 821.5 | 947.1 | 822.6 | 40- 50 | 861.2 | 3805 | 76.5 |
| 60 | 422.3 | 458.6 | 453.1 | 465.2 | 436.5 | 461.2 | 429.4 | 463.0 | 50- 60 | 560.0 | 4365 | 87.7 |
| 70 | 245.4 | 270.4 | 252.4 | 277.0 | 253.6 | 267.2 | 255.3 | 266.4 | 60- 70 | 349.6 | 4714 | 94.8 |
| 80 | 127.1 | 139.6 | 143.4 | 144.5 | 128.9 | 135.3 | 139.8 | 129.4 | 70- 80 | 205.8 | 4920 | 98.9 |
| 90 | 1.859 | 0 | 0 | 0 | 1.965 | 0 | 0 | 0 | 80- 90 | 54.87 | 4975 | 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(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:08 September 2022

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:6.265m [K=1.0000]
 Remarks:

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:
```