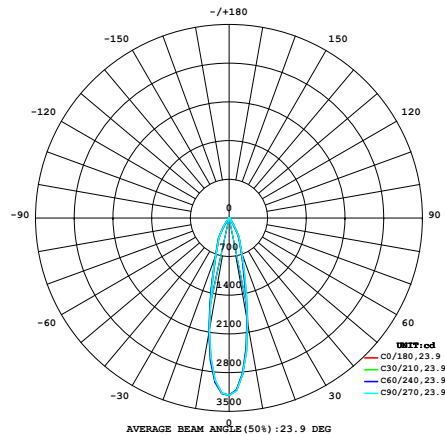


LAMP PHOTOMETRIC REPORT

| | | |
|-------------------------------------|--------------|----------------------|
| MODEL: 93M20PL0930/BL | | |
| POWER: 9W | VOLTAGE: 48V | WORKING VOLTAGE: 48V |
| MANUFACTURER: Elmark Industries JSC | | |

TOTAL FLUX: 884.08 lm



| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | % |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------|
| 10 | 1937 | 1886 | 1928 | 2013 | 2068 | 2122 | 2068 | 1989 | 0- 10 | 247.3 | 247.3 | 28 |
| 20 | 660.8 | 646.5 | 665.9 | 683.0 | 699.7 | 712.7 | 706.1 | 672.1 | 10- 20 | 324.8 | 572.1 | 64.7 |
| 30 | 276.0 | 263.6 | 271.9 | 287.7 | 297.2 | 306.4 | 298.2 | 283.9 | 20- 30 | 214.0 | 786.2 | 88.9 |
| 40 | 33.93 | 31.36 | 33.86 | 33.46 | 33.64 | 29.31 | 31.61 | 31.61 | 30- 40 | 69.32 | 855.5 | 96.8 |
| 50 | 16.00 | 14.43 | 15.46 | 17.14 | 18.48 | 16.44 | 17.01 | 16.17 | 40- 50 | 21.86 | 877.4 | 99.2 |
| 60 | 2.713 | 2.788 | 2.839 | 2.708 | 2.452 | 2.526 | 2.657 | 2.381 | 50- 60 | 5.584 | 883.0 | 99.9 |
| 70 | 0.1578 | 0.1361 | 0.1279 | 0.1538 | 0.1222 | 0.1402 | 0.1530 | 0.1307 | 60- 70 | 1.028 | 884.0 | 100 |
| 80 | 0.0354 | 0.0191 | 0.0054 | 0.0246 | 0.0244 | 0.0367 | 0.0545 | 0.0340 | 70- 80 | 0.0787 | 884.1 | 100 |
| 90 | 0 | 0 | 0 | 0 | 0.0082 | 0.0109 | 0.0109 | 0.0109 | 80- 90 | 0.0132 | 884.1 | 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 | | |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:11 November 2022

γ Range: 0 - 90DEG
 γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

```