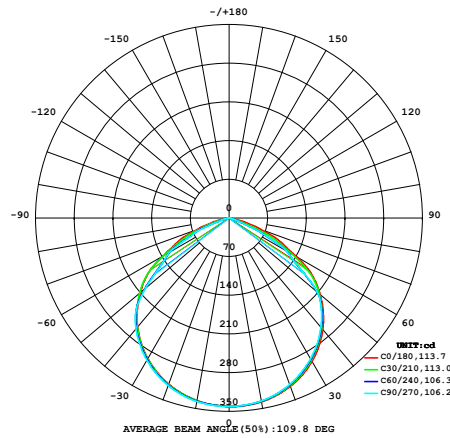


LAMP PHOTOMETRIC REPORT

| | | |
|-------------------------------------|---------------|-----------------------|
| MODEL: 98Helios10 | | |
| POWER: 10W | VOLTAGE: 230V | WORKING VOLTAGE: 230V |
| MANUFACTURER: Elmark Industries JSC | | |

TOTAL FLUX: 890.61 lm



| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | % |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------|
| 10 | 337.8 | 336.6 | 336.3 | 335.5 | 335.2 | 336.1 | 337.2 | 337.8 | 0- 10 | 32.34 | 32.34 | 3.63 |
| 20 | 324.2 | 322.2 | 320.6 | 319.7 | 319.8 | 321.1 | 322.5 | 324.2 | 10- 20 | 93.34 | 125.7 | 14.1 |
| 30 | 300.0 | 296.7 | 294.6 | 293.6 | 294.1 | 295.3 | 297.5 | 299.9 | 20- 30 | 143.1 | 268.8 | 30.2 |
| 40 | 263.8 | 260.3 | 258.6 | 257.0 | 257.7 | 259.7 | 262.1 | 263.9 | 30- 40 | 175.0 | 443.8 | 49.8 |
| 50 | 215.1 | 210.5 | 208.2 | 209.4 | 209.9 | 205.2 | 197.2 | 215.9 | 40- 50 | 182.8 | 626.6 | 70.4 |
| 60 | 141.7 | 126.9 | 120.6 | 144.3 | 138.8 | 131.1 | 124.8 | 141.9 | 50- 60 | 154.5 | 781.1 | 87.7 |
| 70 | 61.72 | 27.64 | 16.73 | 51.90 | 61.76 | 43.65 | 36.38 | 58.74 | 60- 70 | 88.53 | 869.6 | 97.6 |
| 80 | 4.771 | 1.104 | 0.6250 | 2.924 | 5.331 | 2.876 | 2.221 | 4.359 | 70- 80 | 20.09 | 889.7 | 99.9 |
| 90 | 0.3701 | 0.3246 | 0.2980 | 0.3647 | 0.3051 | 0.2472 | 0.2324 | 0.2937 | 80- 90 | 0.9231 | 890.6 | 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: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 11 July 2022

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 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: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

```