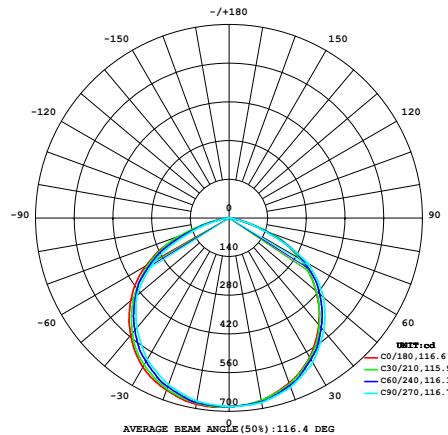


LAMP PHOTOMETRIC REPORT

MODEL: 98Helios20SEN		
POWER: 20W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 1937.5 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	670.7	672.0	678.7	681.0	684.4	678.5	673.4	667.9	0- 10	64.80	64.80	3.34
20	635.2	639.3	651.5	660.7	662.6	652.5	642.2	634.6	10- 20	187.4	252.2	13
30	582.7	588.6	604.2	616.8	623.9	608.2	591.9	579.6	20- 30	288.5	540.7	27.9
40	505.3	515.1	533.4	549.0	553.9	538.6	519.2	505.0	30- 40	353.8	894.5	46.2
50	410.7	418.1	446.4	455.8	463.9	446.0	436.2	408.5	40- 50	372.5	1267	65.4
60	299.3	305.0	331.4	340.9	348.3	335.0	311.5	298.3	50- 60	339.3	1606	82.9
70	131.0	156.0	127.3	193.0	179.9	185.7	138.5	154.9	60- 70	240.2	1847	95.3
80	15.46	22.00	5.339	29.07	31.11	33.61	6.367	24.86	70- 80	86.69	1933	99.8
90	0.8575	0	0	0	0.8547	0	0	0	80- 90	4.265	1938	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: 2.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:01 July 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:
```