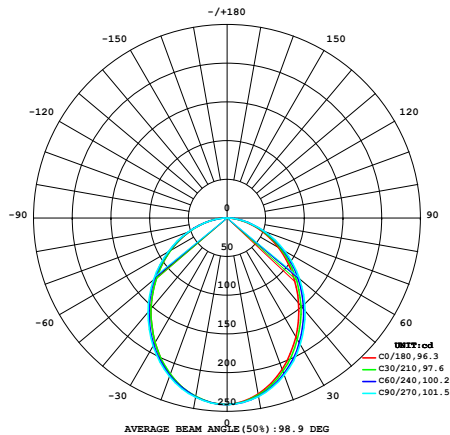


LAMP PHOTOMETRIC REPORT

MODEL: 93M20FFL1240/BL		
POWER: 12W	VOLTAGE: 48V	WORKING VOLTAGE: 48V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 596.24 lm



$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%
10	230.9	233.0	234.3	233.2	234.6	234.2	235.3	233.9	0- 10	22.65	22.65	3.8
20	208.3	212.9	216.0	213.9	215.1	215.6	217.8	214.5	10- 20	63.45	86.10	14.4
30	177.7	184.0	189.0	185.5	186.2	187.8	191.4	186.2	20- 30	92.48	178.6	30
40	143.9	151.2	157.1	152.6	153.3	155.1	159.2	153.5	30- 40	106.3	284.8	47.8
50	109.8	116.7	122.1	118.0	118.8	120.5	124.1	119.1	40- 50	104.9	389.8	65.4
60	76.99	82.71	86.42	83.69	85.02	86.15	88.68	85.03	50- 60	90.69	480.5	80.6
70	45.62	49.81	51.74	50.53	52.71	52.78	53.98	51.92	60- 70	66.93	547.4	91.8
80	17.96	20.43	20.71	21.05	23.91	22.85	22.44	22.07	70- 80	37.85	585.2	98.2
90	0.3639	0.4460	0.3867	1.851	3.088	2.094	0.4956	0.7383	80- 90	10.99	596.2	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: MEDIUM  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 08 November 2022

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:

```

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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:

```