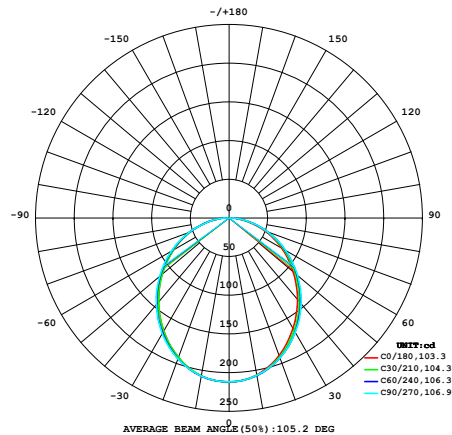


LAMP PHOTOMETRIC REPORT

MODEL: 93M20FFL1230/BL		
POWER: 12W	VOLTAGE: 48V	WORKING VOLTAGE: 48V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 568.96 lm



$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%
10	206.0	206.8	206.7	206.6	207.6	207.3	207.4	207.4	0- 10	19.99	19.99	3.51
20	189.1	191.8	192.4	191.3	192.0	192.6	193.7	193.0	10- 20	56.54	76.53	13.5
30	165.3	169.2	171.0	168.7	169.0	170.2	172.7	170.8	20- 30	83.64	160.2	28.2
40	137.6	142.4	145.0	141.9	142.3	143.7	146.6	144.1	30- 40	98.11	258.3	45.4
50	108.4	113.2	115.6	112.8	113.2	114.5	117.3	115.0	40- 50	99.26	357.5	62.8
60	78.97	83.15	84.76	82.96	83.63	84.60	86.80	84.88	50- 60	88.38	445.9	78.4
70	49.55	52.82	53.44	52.83	54.28	54.38	55.35	54.40	60- 70	67.90	513.8	90.3
80	22.22	24.19	23.79	24.43	26.62	25.75	25.39	25.54	70- 80	40.99	554.8	97.5
90	1.963	2.324	1.462	2.767	4.739	3.459	2.320	3.009	80- 90	14.15	569.0	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:



