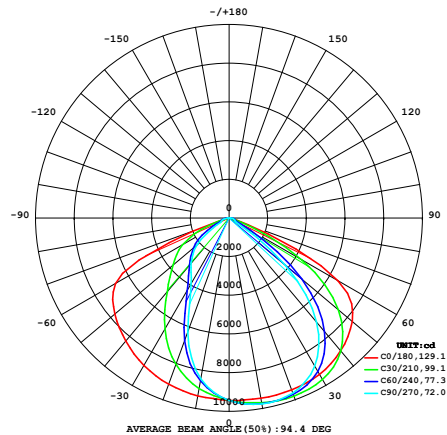


**LAMP PHOTOMETRIC REPORT**

MODEL: 98Tivoli200SMD		
POWER: 200W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 21953 lm



$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%
10	9462	9728	9757	9664	9342	8736	8444	8849	0- 10	891.4	891.4	4.06
20	9458	9780	9624	9650	9140	7358	6269	7776	10- 20	2536	3428	15.6
30	9336	9438	8859	9289	8813	5279	3950	6092	20- 30	3753	7181	32.7
40	8967	8352	7031	8299	8307	3736	3061	4449	30- 40	4447	11628	53
50	8310	6079	3836	6182	7721	2775	2194	3276	40- 50	4500	16127	73.5
60	6498	2618	415.7	2704	6785	1856	745.0	2049	50- 60	3578	19706	89.8
70	1055	413.0	307.1	363.7	2003	719.9	413.6	698.8	60- 70	1789	21495	97.9
80	91.12	212.6	187.3	196.1	113.6	203.7	198.9	176.1	70- 80	366.4	21861	99.6
90	30.13	17.84	5.668	19.23	27.25	9.489	3.652	10.80	80- 90	91.66	21953	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: 22 August 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:

```

```

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:

```