

# Par Z120 RGBW



## Light Efficiency:

20 Lumen/Watt

## Dominant Wavelength:

456 nm

## Output:

1868 lm

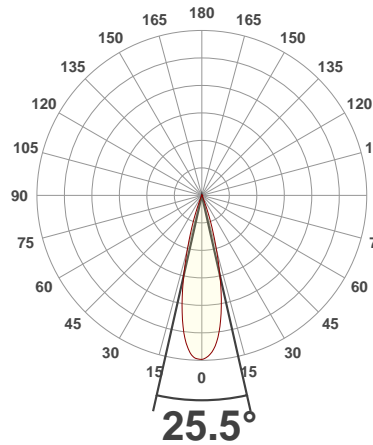
## Power:

93.0 W

## Peak:

10253 cd

## Beam Angle



## Test:

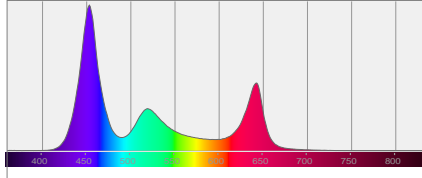
25deg Full On

## Date:

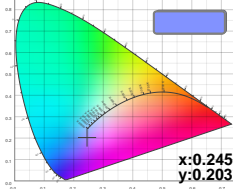
8/17/2018

## Note:

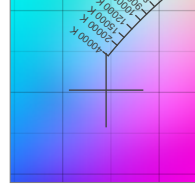
## Spectral Distribution



## Color Coordinates



## Zoom Color Point



Distance (meter)

1

3

5

7

10

Distance (feet)

3.3

9.8

16.4

22.9

32.8

Lux\*

25.5°

10251 lx

1139 lx

410 lx

641 lx

410 lx

Foot Candles\*

952 fcd

106 fcd

38 fcd

19 fcd

10 fcd

\*measured at  
center of beam

Beam Width (meter)

0.5

1.4

2.3

3.2

4.5

Beam Width (feet)

1.5

4.4

7.4

10.3

14.8

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
25.5°	39.8°	45.6°	99.9%	99.9%

## Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	10251	2563	1139	641	410	285	209	160	127	103	85	71	61	52	46	40	35	32	28	26
fcd	952.3	238.1	105.8	59.5	38.1	26.5	19.4	14.9	11.8	9.5	7.9	6.6	5.6	4.9	4.2	3.7	3.3	2.9	2.6	2.4