

**Light Efficiency:**

**4 Lumen/Watt**

**Dominant Wavelength:**

**451nm**

**Output:**

**381lm**

**Power:**

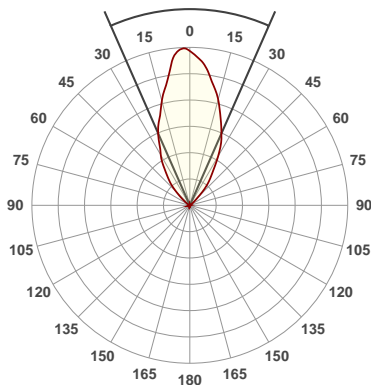
**93.0W**

**Peak:**

**485cd**

**Beam Angle**

**47.5°**



**Product Name:**

**ZCL BAR 300 IP**

**Test:**

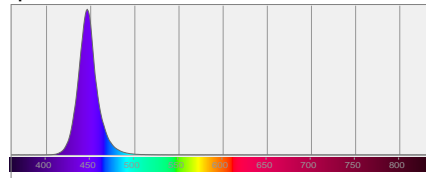
**Zoom Out Blue**

**Date:**

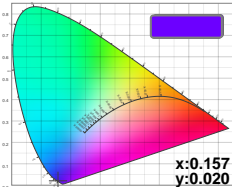
**2/20/2018**

**Note:**

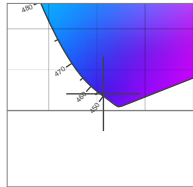
**Spectral Distribution**



**Color Coordinates**



**Zoom Color Point**



**Distance (meter)**

**Distance (feet)**

1 3.3 2 6.6 3 9.8 4 13.1 5 16.4

**Lux\***

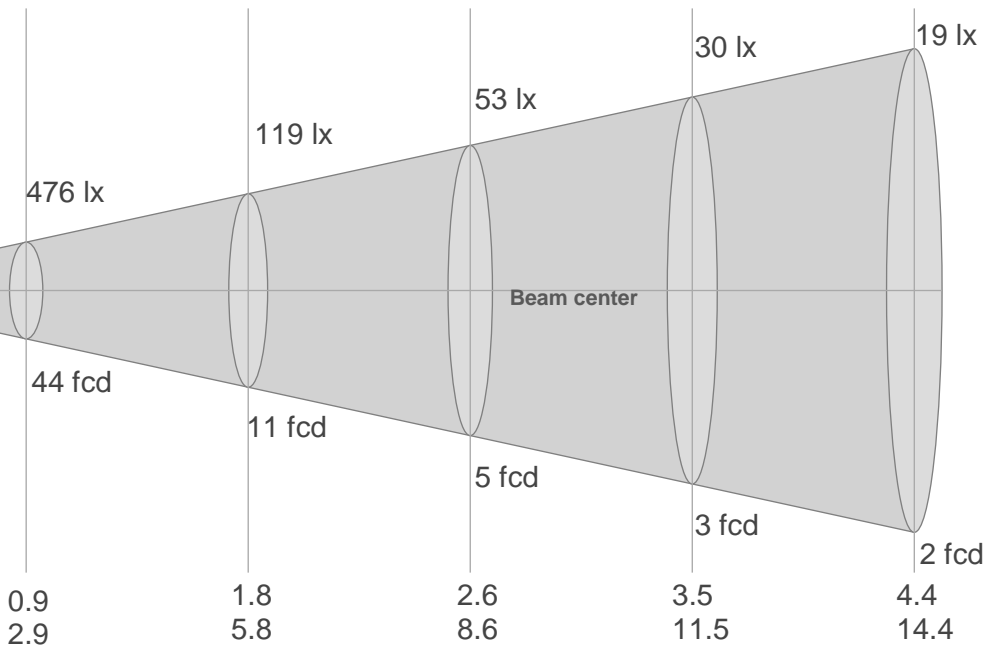
**47.5°**

**Foot Candles\***

**\*measured at center of beam**

**Beam Width (meter)**

**Beam Width (feet)**



Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
47.5°	90.4°	107.4°	96.9%	90.6%

**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	476	119	53	30	19	13	10	7	6	5	4	3	3	2	2	2	2	1	1	1
fcd	44.2	11.1	4.9	2.8	1.8	1.2	0.9	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1