



Light efficiency:

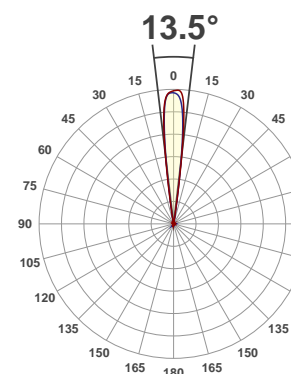
44 Lumen/Watt

Light quality:

CRI: 91.8

Color temperature:

3081 K



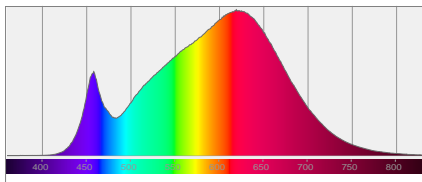
Product name:  
**Par Z100 3K**

Test:  
**15deg**

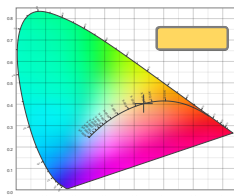
Date:  
**10/2/2017**

Output: 4458 lm Power consumption: 102 W Peak: 96706 cd

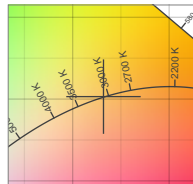
Spectral distribution



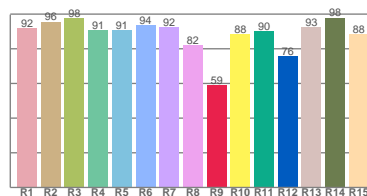
Color coordinates



Zoom color point

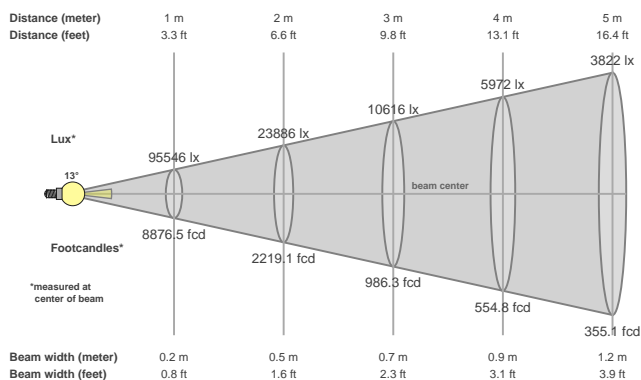


CRI R values



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color divition from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3081 K	91.8	59.0	88.9	97.7	89.8	0.432	0.403	0.248	0.347	0.0003

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
13.5°	17.5°	19.7°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
96706 cd	98.5%	98.0%

## Power

Power	Power factor	Power frequency
102 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	115 V	0.886 A

## Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
95546lx	23886lx	10616lx	5972lx	3822lx	2654lx	1950lx	1493lx	1180lx	955lx	790lx	664lx	565lx	487lx	425lx	373lx	331lx	295lx	265lx	239lx
8876.5fcd	2219.1fcd	986.3fcd	554.8fcd	355.1fcd	246.6fcd	181.2fcd	138.7fcd	109.6fcd	88.8fcd	73.4fcd	61.6fcd	52.5fcd	45.3fcd	39.5fcd	34.7fcd	30.7fcd	27.4fcd	24.6fcd	22.2fcd