



Light efficiency:

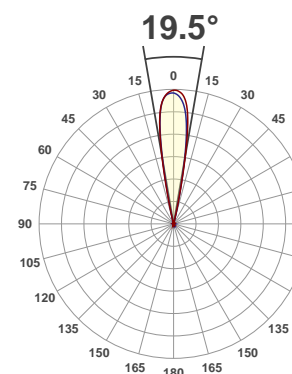
46 Lumen/Watt

Light quality:

CRI: 91.8

Color temperature:

3075 K



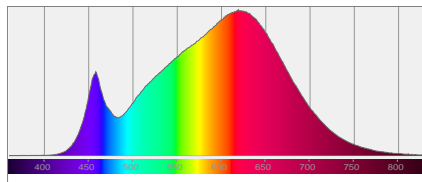
Product name:  
**Par Z100 3K**

Test:  
**20deg**

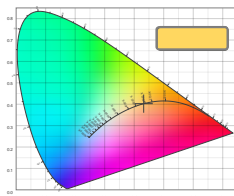
Date:  
**10/2/2017**

Output: 4602 lm Power consumption: 99.5 W Peak: 48580 cd

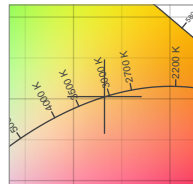
Spectral distribution



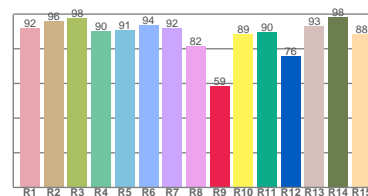
Color coordinates



Zoom color point

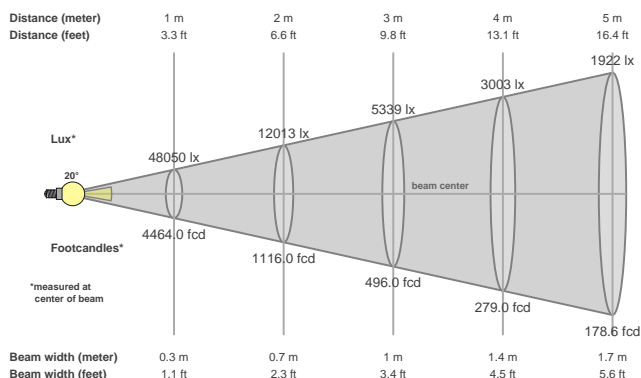


CRI R values



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
3075 K	91.8	58.7	88.8	97.6	89.7	0.432	0.403	0.248	0.347	0.0002

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
19.5°	25.4°	28.4°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
48580 cd	98.4%	98.0%

## Power

Power	Power factor	Power frequency
99.5 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	114 V	0.880 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
48050lx	12013lx	5339lx	3003lx	1922lx	1335lx	981lx	751lx	593lx	481lx	397lx	334lx	284lx	245lx	214lx	188lx	166lx	148lx	133lx	120lx
4464fcd	1116fcd	496fcd	279fcd	178.6fcd	124fcd	91.1fcd	69.7fcd	55.1fcd	44.6fcd	36.9fcd	31fcd	26.4fcd	22.8fcd	19.8fcd	17.4fcd	15.4fcd	13.8fcd	12.4fcd	11.2fcd