



Light efficiency:

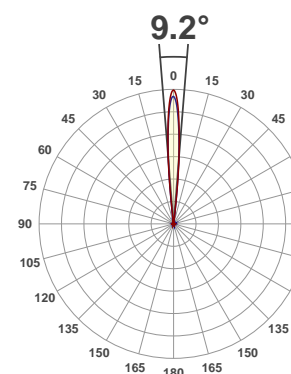
39 Lumen/Watt

Light quality:

CRI: 91.8

Color temperature:

3089 K



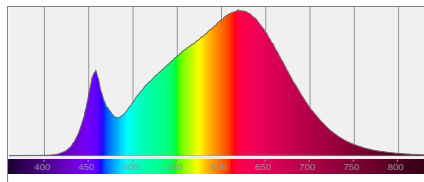
Product name:
Par Z100 3K

Test:
9deg

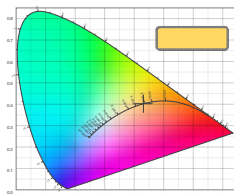
Date:
10/2/2017

Output: 3992 lm Power consumption: 102 W Peak: 178487 cd

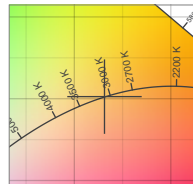
Spectral distribution



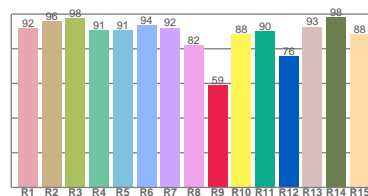
Color coordinates



Zoom color point

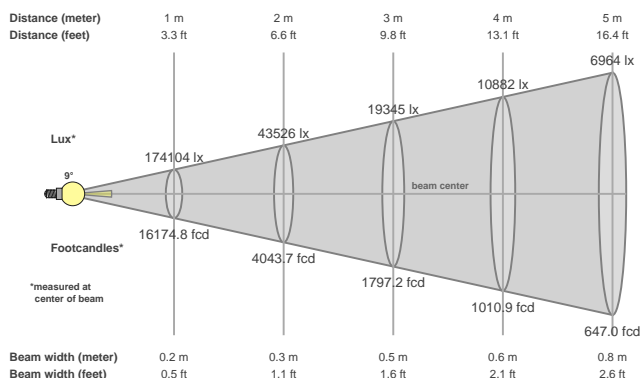


CRI R values



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
3089 K	91.8	59.0	88.9	97.7	89.8	0.431	0.403	0.248	0.347	0.0002

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
9.2°	13.1°	14.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
178487 cd	97.7%	96.8%

Power

Power	Power factor	Power frequency
102 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	116 V	0.888 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
174104 lx	43526 lx	19345 lx	10882 lx	6964 lx	4836 lx	3553 lx	2720 lx	2149 lx	1741 lx	1439 lx	1209 lx	1030 lx	888 lx	774 lx	680 lx	602 lx	537 lx	482 lx	435 lx
16174.8 fcd	4043.7 fcd	1797.2 fcd	1010.9 fcd	647 fcd	449.3 fcd	330.1 fcd	252.7 fcd	199.7 fcd	161.7 fcd	133.7 fcd	112.3 fcd	95.7 fcd	82.5 fcd	71.9 fcd	63.2 fcd	56 fcd	49.9 fcd	44.8 fcd	40.4 fcd