



Light efficiency:

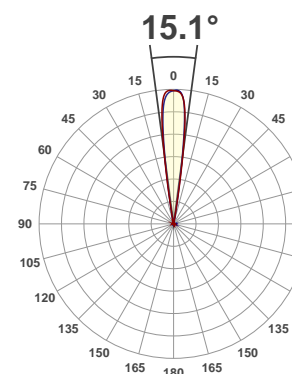
51 Lumen/Watt

Light quality:

CRI: 88.5

Color temperature:

5737 K



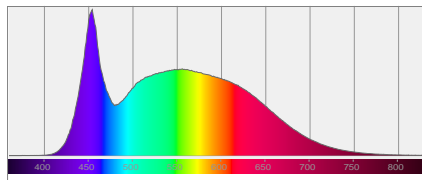
Product name:
Par Z100 5K

Test:
15deg

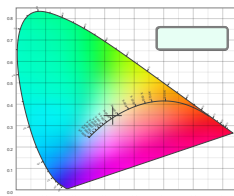
Date:
10/2/2017

Output: 5425 lm Power consumption: 106 W Peak: 91347 cd

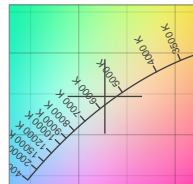
Spectral distribution



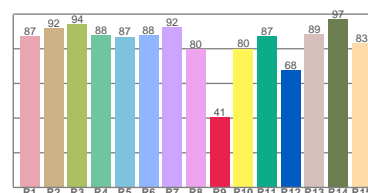
Color coordinates



Zoom color point

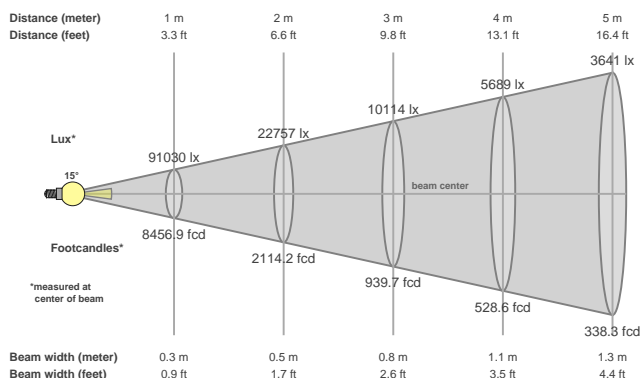


CRI R values



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
5737 K	88.5	40.7	87.0	96.4	87.5	0.327	0.347	0.201	0.320	0.0020

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
15.1°	19.5°	21.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
91347 cd	98.2%	97.4%

Power

Power	Power factor	Power frequency
106 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	117 V	0.907 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
91030lx	22757lx	10114lx	5689lx	3641lx	2529lx	1858lx	1422lx	1124lx	910lx	752lx	632lx	539lx	464lx	405lx	356lx	315lx	281lx	252lx	228lx
8456.9fcd	2114.2fcd	939.7fcd	528.6fcd	338.3fcd	234.9fcd	172.6fcd	132.1fcd	104.4fcd	84.6fcd	69.9fcd	58.7fcd	50fcd	43.1fcd	37.6fcd	33fcd	29.3fcd	26.1fcd	23.4fcd	21.1fcd