



Light efficiency:

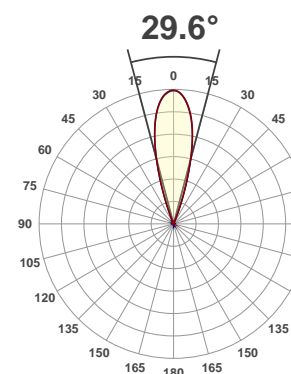
52 Lumen/Watt

Light quality:

CRI: 88.5

Color temperature:

5730 K



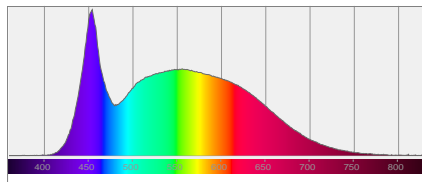
Product name:
Par Z100 5K

Test:
30deg

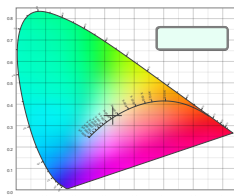
Date:
10/2/2017

Output: 5513 lm Power consumption: 106 W Peak: 24186 cd

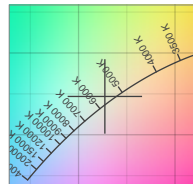
Spectral distribution



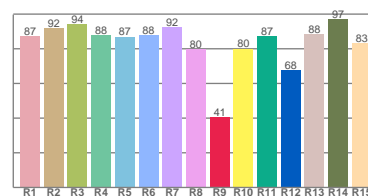
Color coordinates



Zoom color point

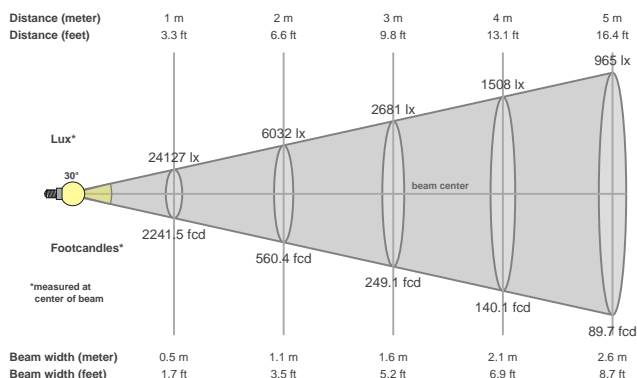


CRI R values



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
5730 K	88.5	40.5	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%
29.6°	41.7°	46.1°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
24186 cd	97.8%	97.3%

Power

Power	Power factor	Power frequency
106 W	0.99	59.9 Hz

Nominal voltage	Voltage	Current
230 V	116 V	0.914 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
24127lx	6032lx	2681lx	1508lx	965lx	670lx	492lx	377lx	298lx	241lx	199lx	168lx	143lx	123lx	107lx	94lx	83lx	74lx	67lx	60lx
2241.5fcd	560.4fcd	249.1fcd	140.1fcd	89.7fcd	62.3fcd	45.7fcd	35fcd	27.7fcd	22.4fcd	18.5fcd	15.6fcd	13.3fcd	11.4fcd	10fcd	8.8fcd	7.8fcd	6.9fcd	6.2fcd	5.6fcd