



Light efficiency:

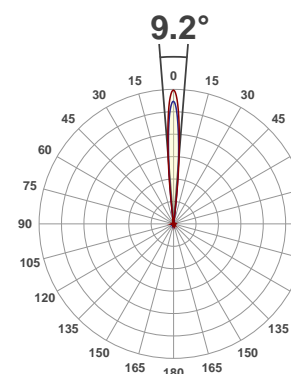
44 Lumen/Watt

Light quality:

CRI: 88.5

Color temperature:

5788 K



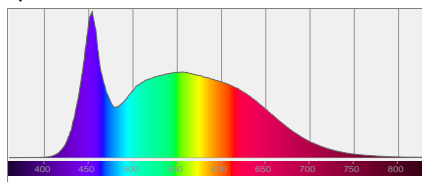
Product name:
Par Z100 5K

Test:
9deg

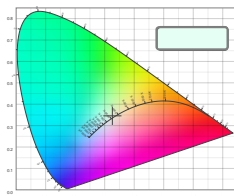
Date:
10/2/2017

Output: 4696 lm Power consumption: 106 W Peak: 207533 cd

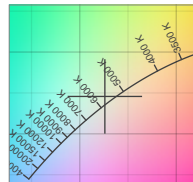
Spectral distribution



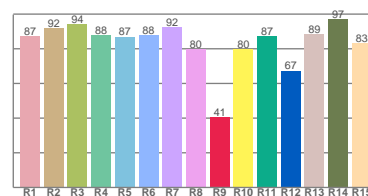
Color coordinates



Zoom color point

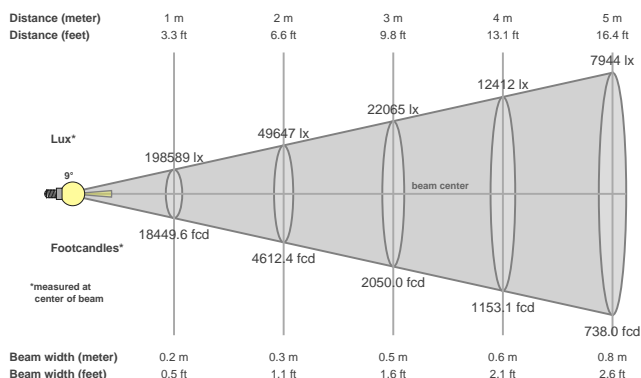


CRI R values



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
5788 K	88.5	40.6	86.9	96.4	87.5	0.326	0.346	0.201	0.319	0.0020

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
9.2°	13.3°	14.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
207533 cd	97.3%	96.2%

Power

Power	Power factor	Power frequency
106 W	0.99	60.1 Hz

Nominal voltage	Voltage	Current
230 V	117 V	0.910 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
198589 lx	49647 lx	22065 lx	12412 lx	7944 lx	5516 lx	4053 lx	3103 lx	2452 lx	1986 lx	1641 lx	1379 lx	1175 lx	1013 lx	883 lx	776 lx	687 lx	613 lx	550 lx	496 lx
18449.6 fcd	4612.4 fcd	2050 fcd	1153.1 fcd	738 fcd	512.5 fcd	376.5 fcd	288.3 fcd	227.8 fcd	184.5 fcd	152.5 fcd	128.1 fcd	109.2 fcd	94.1 fcd	82 fcd	72.1 fcd	63.8 fcd	56.9 fcd	51.1 fcd	46.1 fcd