



Light efficiency:

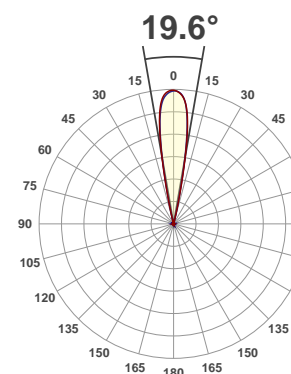
53 Lumen/Watt

Light quality:

CRI: 88.5

Color temperature:

5731 K



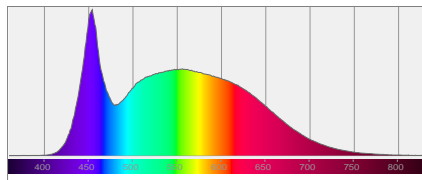
Product name:
Par Z100 5K

Test:
20deg

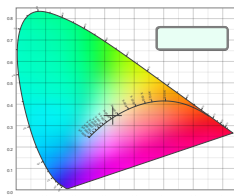
Date:
10/2/2017

Output: 5593 lm Power consumption: 106 W Peak: 56775 cd

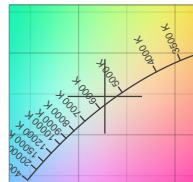
Spectral distribution



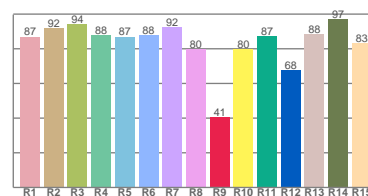
Color coordinates



Zoom color point

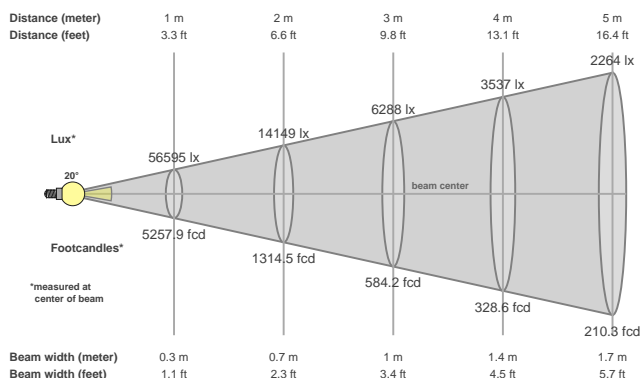


CRI R values



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
5731 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%
19.6°	25.8°	28.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
56775 cd	98.1%	97.5%

Power

Power	Power factor	Power frequency
106 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	117 V	0.905 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
56595lx	14149lx	6288lx	3537lx	2264lx	1572lx	1155lx	884lx	699lx	566lx	468lx	393lx	335lx	289lx	252lx	221lx	196lx	175lx	157lx	141lx
5257.9fcd	1314.5fcd	584.2fcd	328.6fcd	210.3fcd	146.1fcd	107.3fcd	82.2fcd	64.9fcd	52.6fcd	43.5fcd	36.5fcd	31.1fcd	26.8fcd	23.4fcd	20.5fcd	18.2fcd	16.2fcd	14.6fcd	13.1fcd