

Light efficiency:

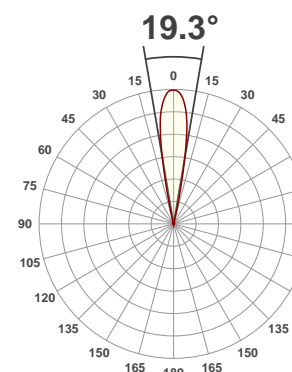
18 Lumen/Watt

Light quality:

CRI: 72.4

Color temperature:

7412 K



Product name:

Paladin

Test:

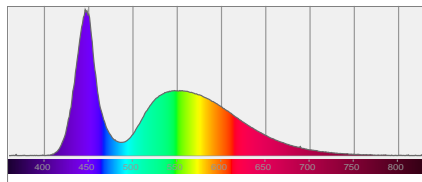
Zoom 50% White

Date:

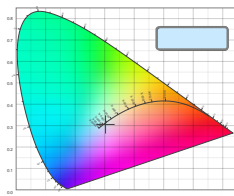
5/1/2017

Output: 4278 lm Power consumption: 236 W Peak: 37936 cd

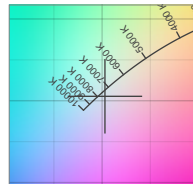
Spectral distribution



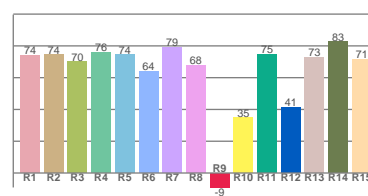
Color coordinates



Zoom color point

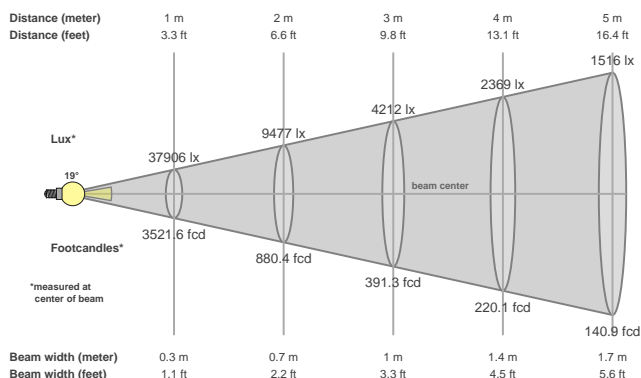


CRI R values



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
7412 K	72.4	-9.1	66.3	95.3	67.9	0.303	0.305	0.200	0.302	0.0072

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
19.3°	26.1°	32.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
37936 cd	1.0%	0.9%

Power

Power	Power factor	Power frequency
236 W	1.0	0 Hz

Nominal voltage	Voltage	Current
230 V	116 V	2.03 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
37906lx	9477lx	4212lx	2369lx	1516lx	1053lx	774lx	592lx	468lx	379lx	313lx	263lx	224lx	193lx	168lx	148lx	131lx	117lx	105lx	95lx
3521.6fcd	880.4fcd	391.3fcd	220.1fcd	140.9fcd	97.8fcd	71.9fcd	55fcd	43.5fcd	35.2fcd	29.1fcd	24.5fcd	20.8fcd	18fcd	15.7fcd	13.8fcd	12.2fcd	10.9fcd	9.8fcd	8.8fcd