

Light efficiency:

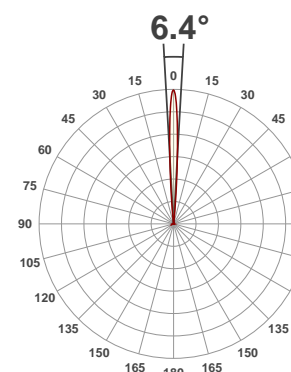
30 Lumen/Watt

Light quality:

CRI: 72.7

Color temperature:

7631 K



Product name:

Paladin

Test:

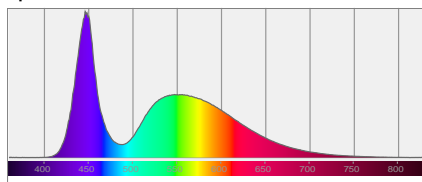
Zoom In White

Date:

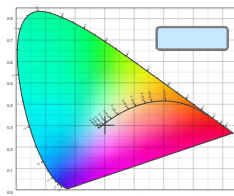
5/1/2017

Output: 7192 lm Power consumption: 236 W Peak: 177991 cd

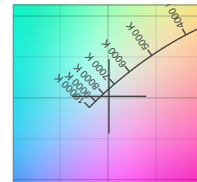
Spectral distribution



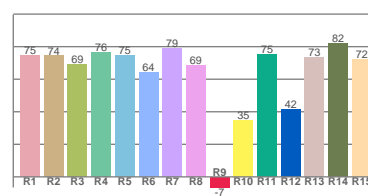
Color coordinates



Zoom color point

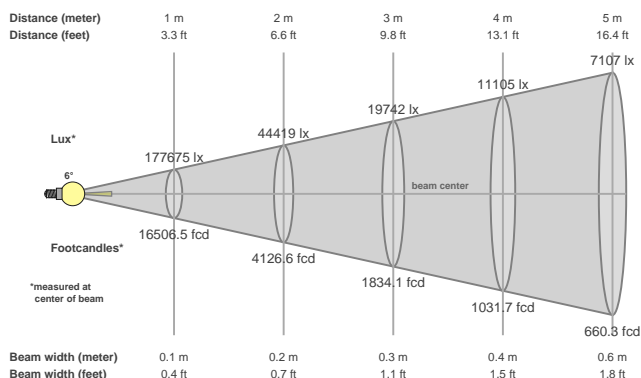


CRI R values



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
7631 K	72.7	-6.5	66.2	96.3	67.8	0.301	0.302	0.200	0.301	0.0080

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
6.4°	10.9°	14°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
177991 cd	0.7%	0.5%

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
177675lx	44419lx	19742lx	11105lx	7107lx	4935lx	3626lx	2776lx	2194lx	1777lx	1468lx	1234lx	1051lx	907lx	790lx	694lx	615lx	548lx	492lx	444lx
16506.5 fcd	4126.6 fcd	1834.1 fcd	1031.7 fcd	660.3 fcd	458.5 fcd	336.9 fcd	257.9 fcd	203.8 fcd	165.1 fcd	136.4 fcd	114.6 fcd	97.7 fcd	84.2 fcd	73.4 fcd	64.5 fcd	57.1 fcd	50.9 fcd	45.7 fcd	41.3 fcd