

Light efficiency:

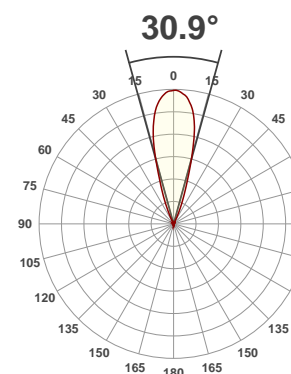
4 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



Product name:

Paladin

Test:

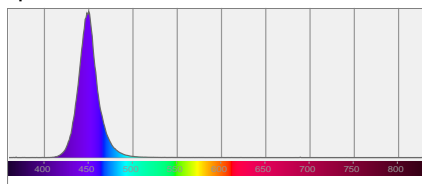
Zoom Out Blue

Date:

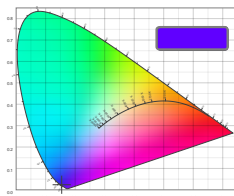
5/1/2017

Output: 939 lm Power consumption: 232 W Peak: 3106 cd

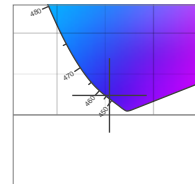
Spectral distribution



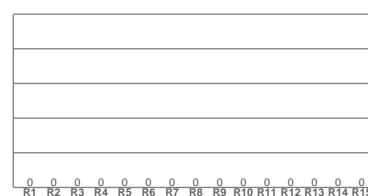
Color coordinates



Zoom color point

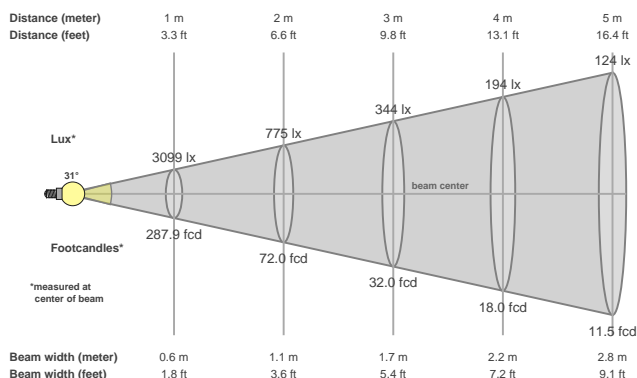


CRI R values



| 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 |
| 0 K | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.154 | 0.024 | 0.207 | 0.048 | n/a |

Beam details



Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 30.9° | 47.3° | 54.9° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 3106 cd | 0.9% | 0.9% |

Power

| Power | Power factor | Power frequency |
|-------|--------------|-----------------|
| 232 W | 1.0 | 0 Hz |

| Nominal voltage | Voltage | Current |
|-----------------|---------|---------|
| 230 V | 115 V | 2.02 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 |
| 3099lx | 775lx | 344lx | 194lx | 124lx | 86lx | 63lx | 48lx | 38lx | 31lx | 26lx | 22lx | 18lx | 16lx | 14lx | 12lx | 11lx | 10lx | 9lx | 8lx |
| 287.9fcd | 72fcd | 32fcd | 18fcd | 11.5fcd | 8fcd | 5.9fcd | 4.5fcd | 3.6fcd | 2.9fcd | 2.4fcd | 2fcd | 1.7fcd | 1.5fcd | 1.3fcd | 1.1fcd | 1fcd | 0.9fcd | 0.8fcd | 0.7fcd |