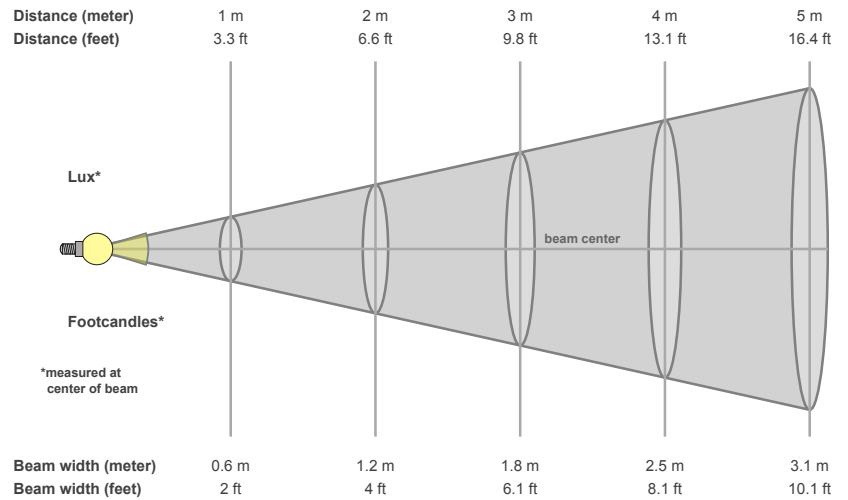
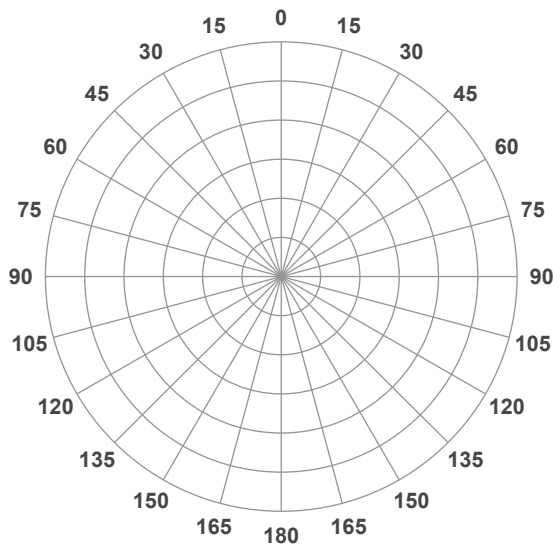
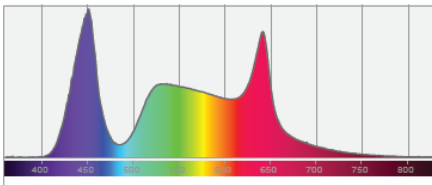
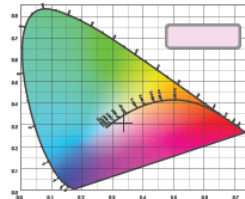




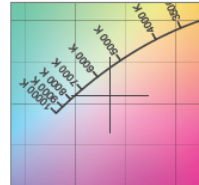
Spectral distribution



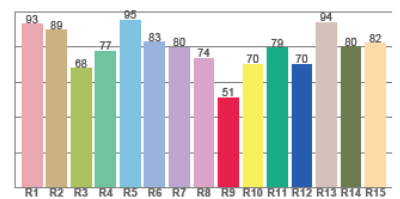
Color coordinates



Zoom color point



CRI R values



Photometric Test Report

*Due to additional product enhancements, an updated version of this report may be available online. Please check www.elationlighting.com for the latest revision/update of this report.

Light efficiency:

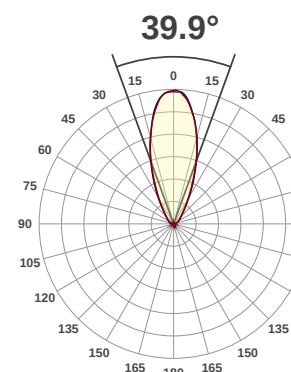
13 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



Product name:

Colour Pendant

Test:

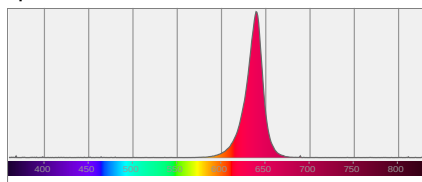
New Lens Red

Date:

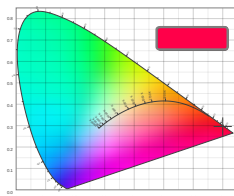
4/19/2017

Output: 312 lm Power consumption: 24.1 W Peak: 449 cd

Spectral distribution



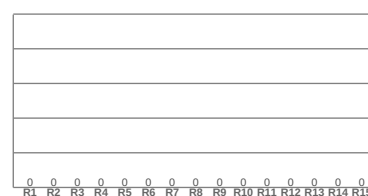
Color coordinates



Zoom color point

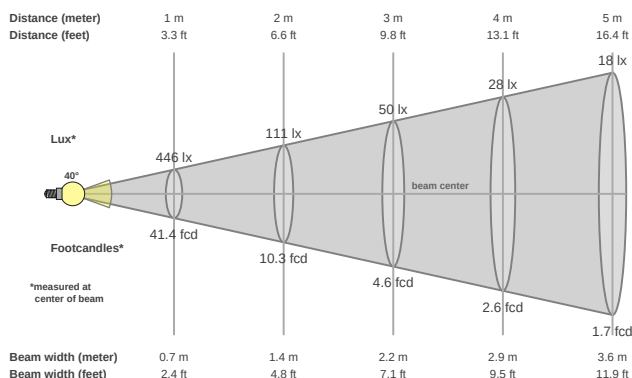


CRI R values



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
0 K	0.0	0.0	0.0	0.0	0.0	0.700	0.296	0.544	0.345	n/a

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
39.9°	81.6°	141.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
449 cd	0.9%	0.8%

Power

Power	Power factor	Power frequency
24.1 W	0.93	60 Hz

Nominal voltage	Voltage	Current
230 V	115 V	0.224 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
446lx	111lx	50lx	28lx	18lx	12lx	9lx	7lx	6lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx
41.4fcd	10.3fcd	4.6fcd	2.6fcd	1.7fcd	1.1fcd	0.8fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

Light efficiency:

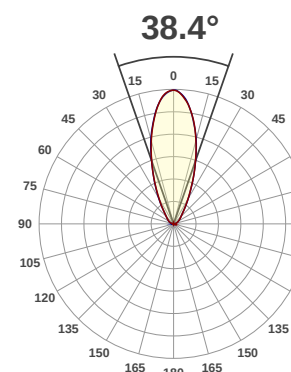
22 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K



Product name:

Colour Pendant

Test:

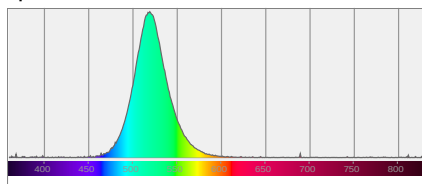
New Lens Green

Date:

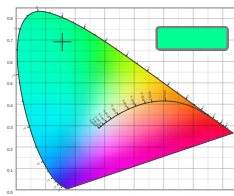
4/19/2017

Output: 716 lm Power consumption: 32.3 W Peak: 1060 cd

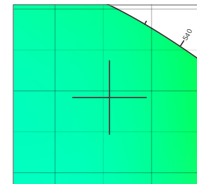
Spectral distribution



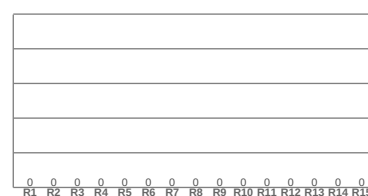
Color coordinates



Zoom color point

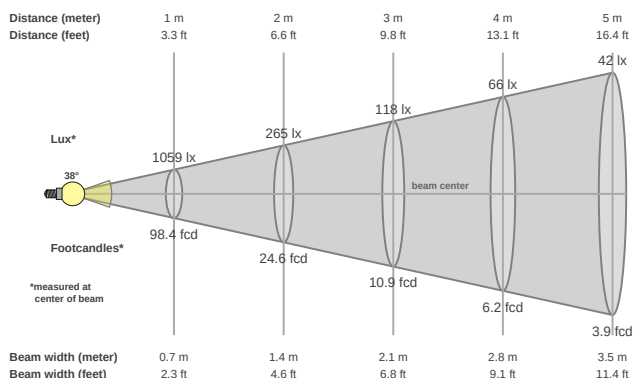


CRI R values



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	0.156	0.692	0.057	0.378	n/a

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
38.4°	80.7°	140.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1060 cd	0.9%	0.8%

Power

Power	Power factor	Power frequency
32.3 W	0.94	60 Hz

Nominal voltage	Voltage	Current
230 V	114 V	0.299 A

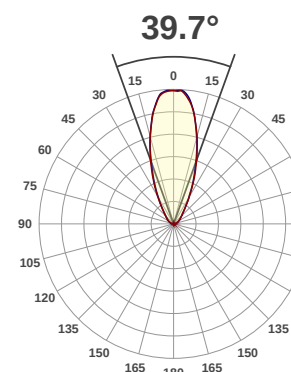
Beam intensities from 1-20m

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
1059lx	265lx	118lx	66lx	42lx	29lx	22lx	17lx	13lx	11lx	9lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
98.4fcd	24.6fcd	10.9fcd	6.2fcd	3.9fcd	2.7fcd	2fcd	1.5fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd

8 Lumen/Watt

CRI: 0.0

0 K



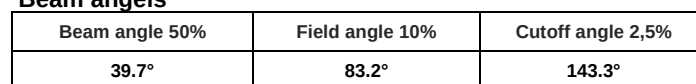
Date:
4/19/2017

Output: 147 lm Power consumption: 18.3 W Peak: 203 cd

[illegible]

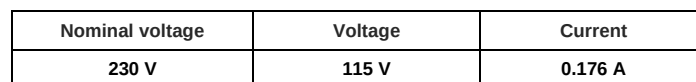
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.153	0.025	0.205	0.050	n/a

Beam angels



Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
203 cd	0.9%	0.8%

Power	Power factor	Power frequency
18.3 W	0.91	59.9 Hz



The diagram illustrates a 40-degree beam of light originating from a point source. It shows the beam's spread and the resulting illuminance at various distances. The beam is divided into sections by vertical lines at 1m, 2m, 3m, 4m, and 5m distances. The beam width and beam area are indicated at each distance. The illuminance is given in Lux* and Footcandles* at the center of the beam.

Distance (meter)	Distance (feet)	Beam width (meter)	Beam width (feet)	Beam area (sq meter)	Beam area (sq foot)	Lux*	Footcandles*
1 m	3.3 ft	0.7 m	2.4 ft	0.47 sq m	5.0 sq ft	202 lx	18.8 fcd
2 m	6.6 ft	1.4 m	4.7 ft	1.9 sq m	20.7 sq ft	51 lx	4.7 fcd
3 m	9.8 ft	2.2 m	7.1 ft	4.8 sq m	52.1 sq ft	22 lx	2.1 fcd
4 m	13.1 ft	2.9 m	9.5 ft	8.4 sq m	90.8 sq ft	13 lx	1.2 fcd
5 m	16.4 ft	3.6 m	11.8 ft	12.9 sq m	139.6 sq ft	8 lx	0.8 fcd

*measured at center of beam

Beam intensities from 1-20m

[illegible]

Light efficiency:

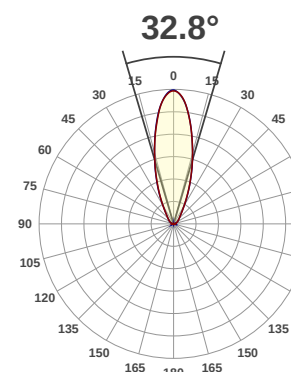
49 Lumen/Watt

Light quality:

CRI: 63.0

Color temperature:

3922 K



Product name:

Colour Pendant

Test:

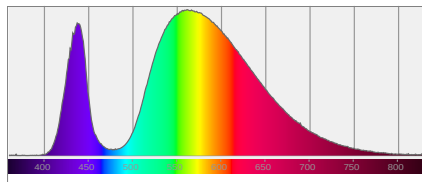
New Lens White

Date:

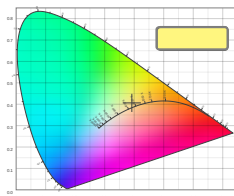
4/19/2017

Output: 4377 lm Power consumption: 89.5 W Peak: 8013 cd

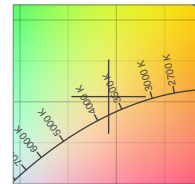
Spectral distribution



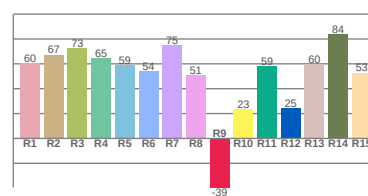
Color coordinates



Zoom color point

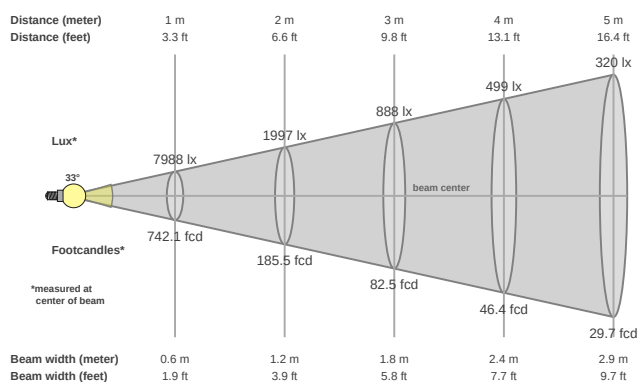


CRI R values



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
3922 K	63.0	-39.4	61.2	94.1	67.1	0.392	0.406	0.221	0.344	0.0100

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
32.8°	71.3°	132.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
8013 cd	0.9%	0.8%

Power

Power	Power factor	Power frequency
89.5 W	0.98	60 Hz

Nominal voltage	Voltage	Current
230 V	114 V	0.798 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
7988lx	1997lx	888lx	499lx	320lx	222lx	163lx	125lx	99lx	80lx	66lx	55lx	47lx	41lx	36lx	31lx	28lx	25lx	22lx	20lx
742.1fcd	185.5fcd	82.5fcd	46.4fcd	29.7fcd	20.6fcd	15.1fcd	11.6fcd	9.2fcd	7.4fcd	6.1fcd	5.2fcd	4.4fcd	3.8fcd	3.3fcd	2.9fcd	2.6fcd	2.3fcd	2.1fcd	1.9fcd