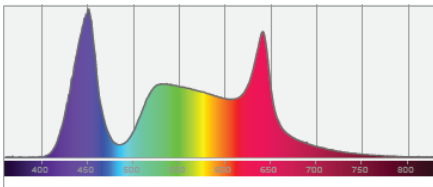
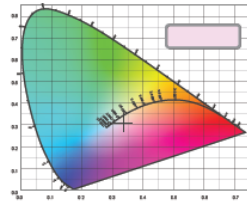


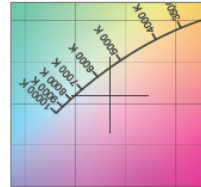
Spectral distribution



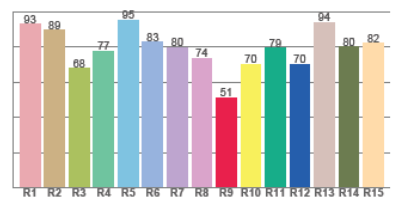
Color coordinates



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.

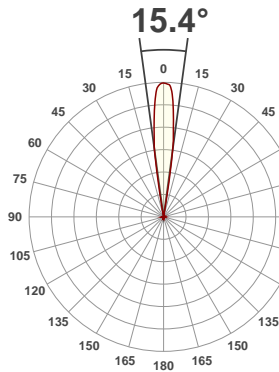
Light efficiency:



Light quality:



Color temperature:



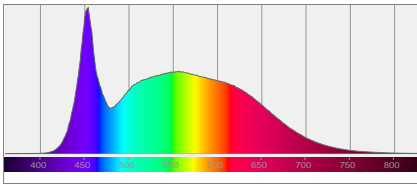
Product name:
CW Profile HP IP

Test:
19 Deg

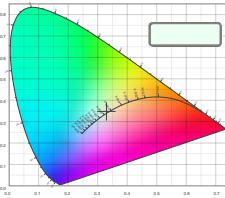
Date:
10/12/2017

Output: 9840 lm Power consumption: 151 W Peak: 178095 cd

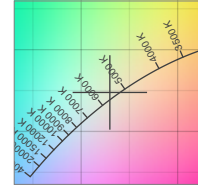
Spectral distribution



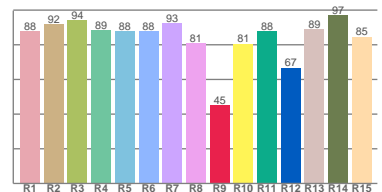
Color coordinates



Zoom color point

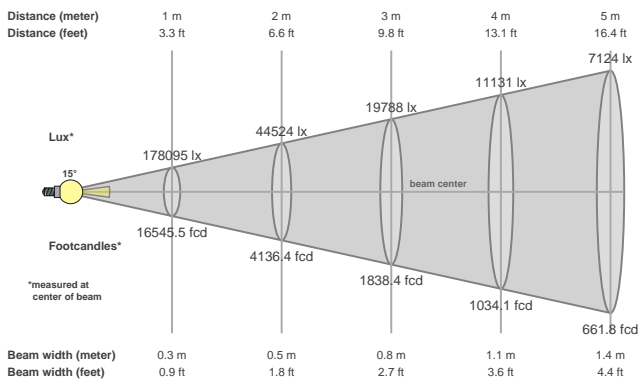


CRI R values



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
5623 K	89.0	45.1	87.1	96.9	87.8	0.330	0.348	0.203	0.320	0.0013

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
15.4°	19.2°	20°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
178095 cd	98.2%	97.7%

Power

Power	Power factor	Power frequency
151 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	115 V	1.32 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
178095 lx	44524 lx	19788 lx	11131 lx	7124 lx	4947 lx	3635 lx	2783 lx	2199 lx	1781 lx	1472 lx	1237 lx	1054 lx	909 lx	792 lx	696 lx	616 lx	550 lx	493 lx	445 lx
16545.5 fcd	4136.4 fcd	1838.4 fcd	1034.1 fcd	661.8 fcd	459.6 fcd	337.7 fcd	258.5 fcd	204.3 fcd	165.5 fcd	136.7 fcd	114.9 fcd	97.9 fcd	84.4 fcd	73.5 fcd	64.6 fcd	57.3 fcd	51.1 fcd	45.8 fcd	41.4 fcd

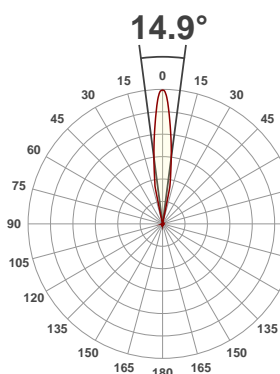
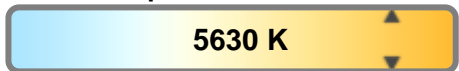
Light efficiency:



Light quality:



Color temperature:



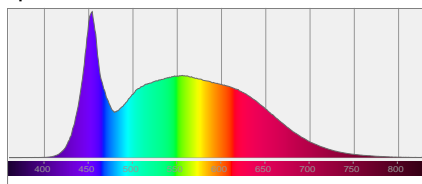
Product name:
CW Profile HP IP

Test:
26 Deg

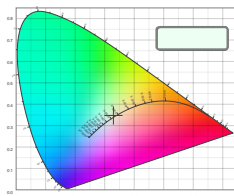
Date:
10/12/2017

Output: 11719 lm Power consumption: 150 W Peak: 170447 cd

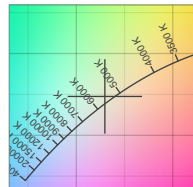
Spectral distribution



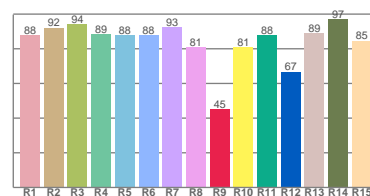
Color coordinates



Zoom color point

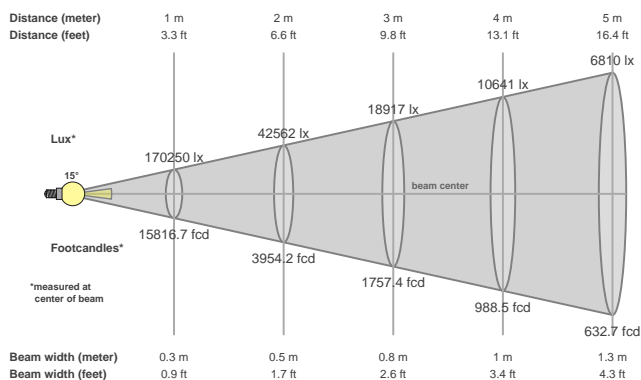


CRI R values



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
5630 K	89.1	45.1	87.1	96.8	87.8	0.330	0.348	0.202	0.320	0.0013

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
14.9°	24.1°	24.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
170447 cd	98.2%	97.6%

Power

Power	Power factor	Power frequency
150 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	115 V	1.31 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
170250 lx	42562 lx	18917 lx	10641 lx	6810 lx	4729 lx	3474 lx	2660 lx	2102 lx	1702 lx	1407 lx	1182 lx	1007 lx	869 lx	757 lx	665 lx	589 lx	525 lx	472 lx	426 lx
15816.7 fcd	3954.2 fcd	1757.4 fcd	988.5 fcd	632.7 fcd	439.4 fcd	322.8 fcd	247.1 fcd	195.3 fcd	158.2 fcd	130.7 fcd	109.8 fcd	93.6 fcd	80.7 fcd	70.3 fcd	61.8 fcd	54.7 fcd	48.8 fcd	43.8 fcd	39.5 fcd

Light efficiency:

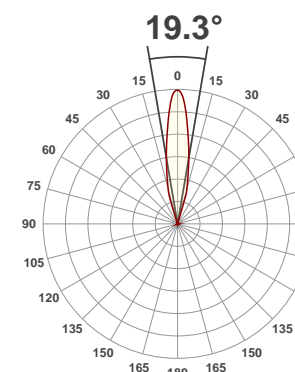
81 Lumen/Watt

Light quality:

CRI: 89.2

Color temperature:

5672 K



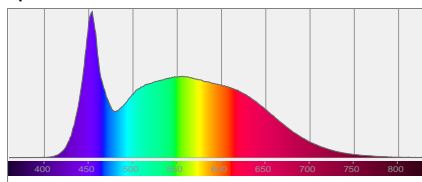
Product name:
CW Profile HP IP

Test:
36 Deg

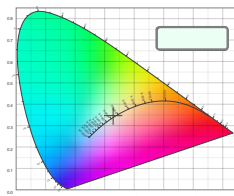
Date:
10/12/2017

Output: 12057 lm Power consumption: 149 W Peak: 94285 cd

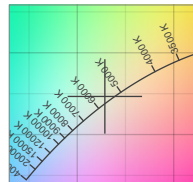
Spectral distribution



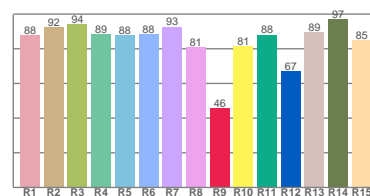
Color coordinates



Zoom color point

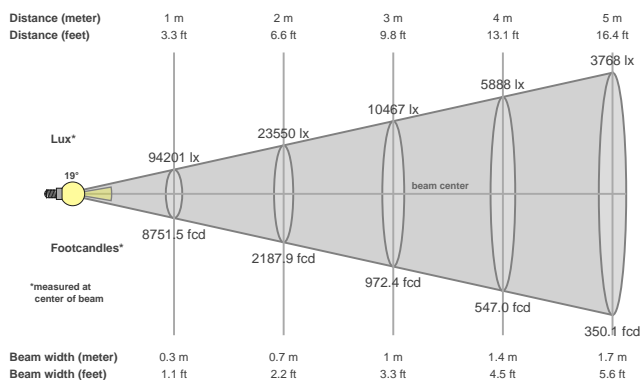


CRI R values



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
5672 K	89.2	45.6	87.1	96.8	87.9	0.329	0.347	0.202	0.320	0.0012

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
19.3°	34.2°	35.1°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
94285 cd	97.7%	97.0%

Power

Power	Power factor	Power frequency
149 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	116 V	1.29 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
94201lx	23550lx	10467lx	5888lx	3768lx	2617lx	1922lx	1472lx	1163lx	942lx	779lx	654lx	557lx	481lx	419lx	368lx	326lx	291lx	261lx	236lx
8751.5fcd	2187.9fcd	972.4fcd	547fcd	350.1fcd	243.1fcd	178.6fcd	136.7fcd	108fcd	87.5fcd	72.3fcd	60.8fcd	51.8fcd	44.7fcd	38.9fcd	34.2fcd	30.3fcd	27fcd	24.2fcd	21.9fcd

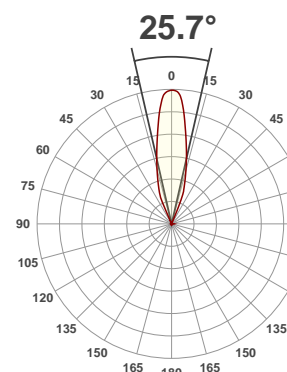
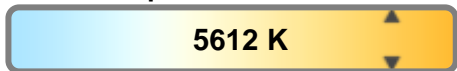
Light efficiency:



Light quality:



Color temperature:



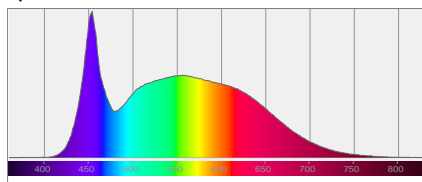
Product name:
CW Profile HP IP

Test:
50 Deg

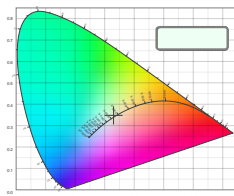
Date:
10/12/2017

Output: 12042 lm Power consumption: 150 W Peak: 52457 cd

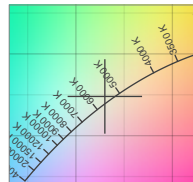
Spectral distribution



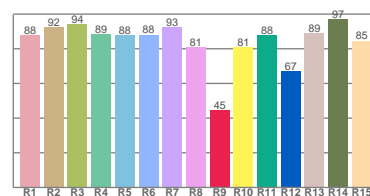
Color coordinates



Zoom color point

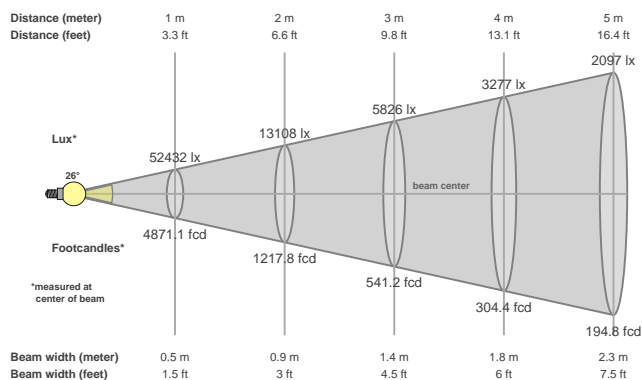


CRI R values



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
5612 K	89.1	44.9	87.1	96.7	87.8	0.330	0.348	0.203	0.320	0.0013

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
25.7°	46.2°	47.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
52457 cd	97.7%	97.0%

Power

Power	Power factor	Power frequency
150 W	0.99	60 Hz

Nominal voltage	Voltage	Current
230 V	116 V	1.30 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
52432lx	13108lx	5826lx	3277lx	2097lx	1456lx	1070lx	819lx	647lx	524lx	433lx	364lx	310lx	268lx	233lx	205lx	181lx	162lx	145lx	131lx
4871.1fcd	1217.8fcd	541.2fcd	304.4fcd	194.8fcd	135.3fcd	99.4fcd	76.1fcd	60.1fcd	48.7fcd	40.3fcd	33.8fcd	28.8fcd	24.9fcd	21.6fcd	19fcd	16.9fcd	15fcd	13.5fcd	12.2fcd