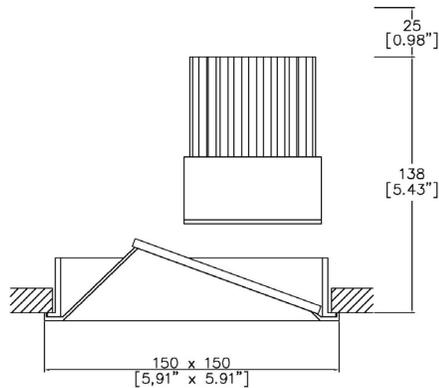


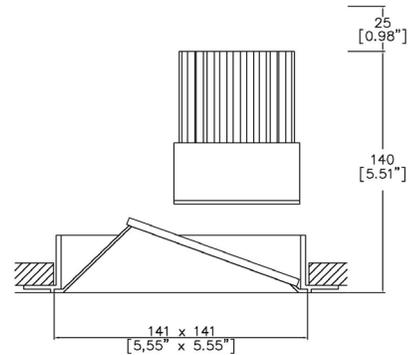
Plus5 XL Square Wallwash



Plus provides high performance electronics and architectural aesthetics in round and square 3.5” and 5” trim. Plus products include adjustable, fixed and wallwash in a flanged or trimless installation kit. Adjustable can be provided with gear driven adjustment or manual adjustment. Available in various front plates (Conical, Bevel, Edge, Pyramidal and Square Bevel) Bevel and Square Bevel available with various color inserts. Tray, retrofit and housing installation methods (NIC, IC, AT, T24 and CCEA) Multiple configurations for equal spacing also available. Lucent modules available in a wide range of color temperatures, beam angles, intensities, and effects (Ambiance WarmDim and Dynamic Tuneable White). TRIAC/Phase, 0-10v/1-10v, DMX and DALI/Digital dimming.



A090+XL-LED-TR-SQ-WW
Cut-out 142 x 142mm
(5.60" x 5.60")



A090+XL-LED-TL-SQ-WW
Cut-out 142 x 142mm
(5.60" x 5.60")



Installation kit for overlap flange

Mud-in kit for seamless/trimless

	LED71	LED71	LED71/U	LED71/U
LED Source	LED71	LED71	LED71/U	LED71/U
Tilt Position	0°	20°	0°	20°
CCT	3000K	3000K	3000K	3000K
Drive Current	700mA	700mA	700mA	700mA
Power inc Driver	27W	27W	27W	27W
Beam Angle	34°	34°	34°	34°
Delivered Lumens	1038	1158	908	983
Delivered Intensisty cd	1320	1452	1193	1295
Efficacy lm/w	38	43	34	36
Forward Volt	33V	33V	33V	33V
CRI	≥90 CRI	≥90 CRI	≥98 CRI	≥98 CRI

Project Ref: _____

Location Ref: _____

Specify fixture part number (All boxes must be filled in to correctly order)

A090+XL-LED							34						
-------------	--	--	--	--	--	--	----	--	--	--	--	--	--

Installation

- TR-SQ-WW Flange kit
- TL-SQ-WW Mud-in kit

Finish

- WH White
- BK Black
- RAL Custom*

Location

- XX Dry
- DP Damp

Ceiling Thickness

- SC Standard Ceiling (1/2"-5/8"-3/4")
- C Custom

LED Type

- LED71 LED71 (90CRI)
- LED71/U LED71/U (98CRI)

CCT

- 27 2700K
- 30 3000K
- 35 3500K
- 40 4000K (90 CRI ONLY)

Beam Angles

- 34 34

Housing/Tray

- LMT-15-NIC Mounting Tray Non-Insulated ceilings
- LH-8.50-NIC Housing 8.50" Non-Insulated ceilings
- LH-11.25-AT/IC Housing 11.25" Insulated/Air-tight ceilings and Chicago Plenum

Mounting Hardware

- 09 9" to 15.25" - Adjustable Bar Hanger Lengths
- 14 14" to 24" - Adjustable Bar Hanger Lengths
- 36 28" to 36" - Adjustable Bar Hanger Lengths
- BB Butterfly Bracket
- CB Caterpillar Bracket

Supply Voltage

- 120 120V
- 277 277V

Dimming Protocol

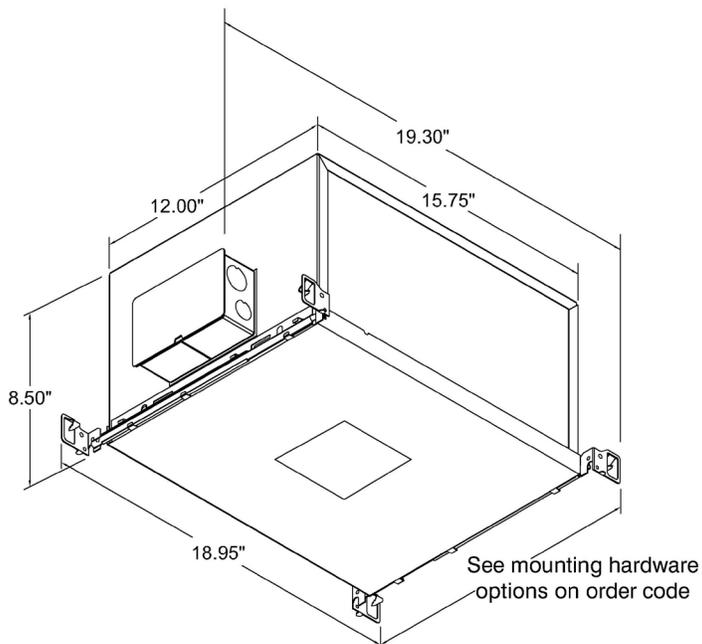
- S Non-Dimmable
- P TRIAC/Phase (120V ONLY) (25-10% Minimum Dimming)***
- LP Lutron Forward Phase 2-Wire (1% Dimming) (120V ONLY)
- ESS EcoSystem 5-Series (5% Dimming)
- LHE EcoSystem Hi-Lume Fade to Black (1% Dimming)
- LAE Lutron 3-Wire Hi-Lume (1% Dimming)
- LHP Lutron Hi-Lume Premier EcoSystem (0.1% Dimming)
- A 0-10V (15-5% Minimum Dimming)***
- ESD EldoLED Solo DALI2 (0.1% Dimming)
- EED EldoLED Eco DALI2 (1% Dimming)
- ESA EldoLED Solo 0-10V/1-10V (0.1% Dimming)
- EEA EldoLED Eco 0-10V/1-10V (1% Dimming)
- B Bluetooth**

- Emergency**
- E 3hr Emergency
 - ES 3hr Self Test

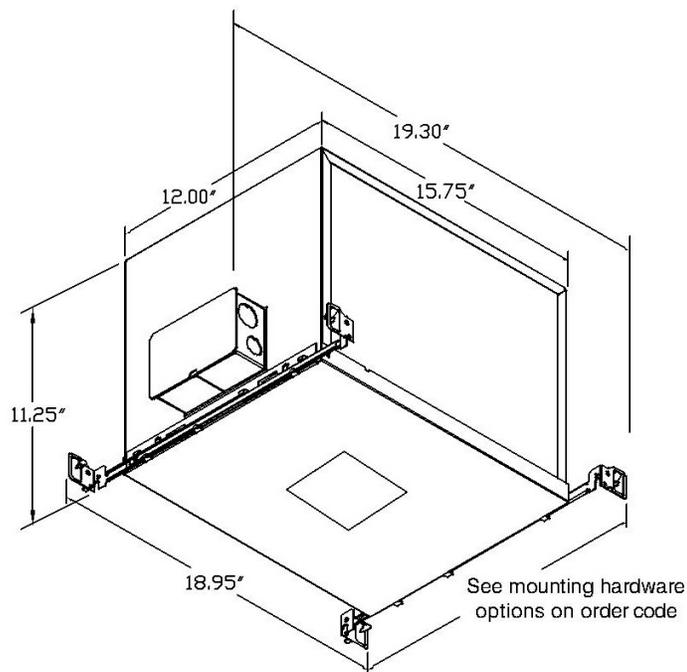
- Louvre/Lens**
- XX Not required
 - MD45 Honeycomb
 - MDUV UV

*Refer to Technical Details for more information

Housing dimensions

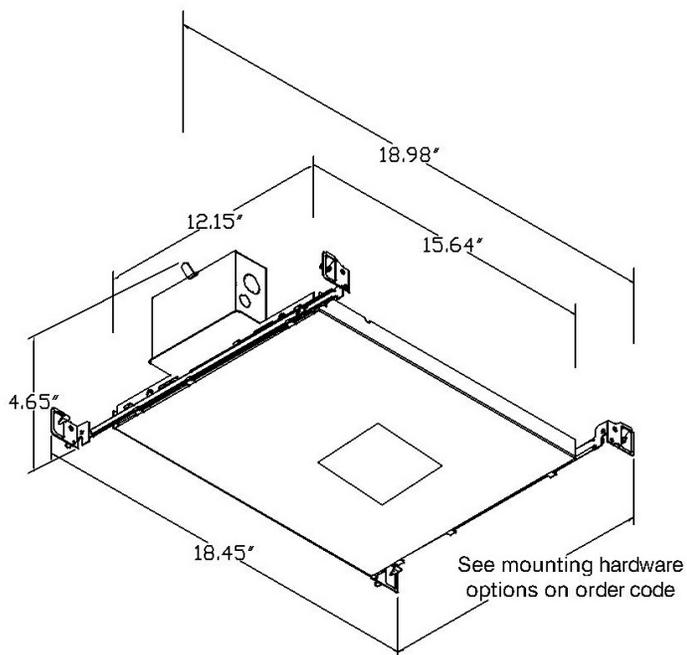


LH-8.50
Non-insulated ceiling

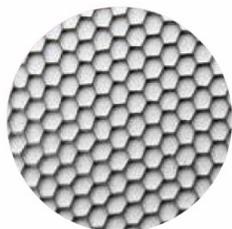


LH-11.25
Insulated/air-tight ceilings and
Chicago Plenum

Tray dimensions



LMT-15
Non-insulated ceilings



Honeycomb Louvre (MD45)

Technical Details

*Custom color requires a paint chip or RAL code and may increase price and lead-time

It is the responsibility of the specifier/integrator/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

**Bluetooth (wireless) is a communication protocol. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or Bluetooth devices.

***Non specific driver type, dimming performance depending on exact driver used. Contact Lucent Lighting for more information.

^ Depth indicated is the minimum recess depth for the luminaire with a remote mounted LED driver. Installing a driver through either the luminaire cut-out or installation kit may require additional recess depth, please refer to the relevant installation instructions prior to purchase.

First Fix Requirement. Luminaire comprised of fixture body with ceiling trim and installation kit, which is to be fitted into the ceiling once finished. Ensure correct alignment of the installation kit before final assembly (see luminaire installation instructions for details)

Location. Tested from underside of the ceiling.

Data correct at time of publishing. It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

This specification sheet supersedes all previous versions.

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Please notify Lucent Lighting Inc. inaccuracies. E&OE



Light efficiency:

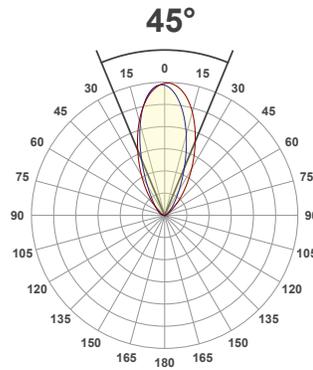
38 Lumen/Watt

Light quality:

CRI: 88.4

Color temperature:

3000 K



Product name:

090+XL-LED-SQ-WW-0° Tilt - LED71-30-34-700mA

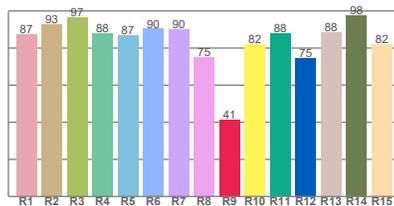
Item number:

Plus XL Square Wallwash - LED71-30-34-700mA

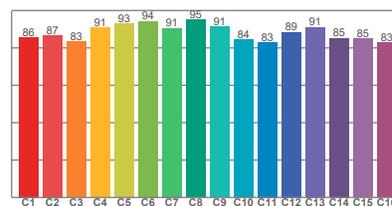
Delivered information for above fixture and LED combination.

Output: 1038 Lumen Peak intensity: 1320 cd Power consumption: 27.0

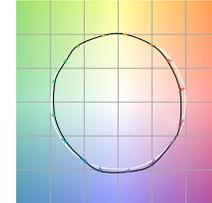
CRI R values



TM30 C Values

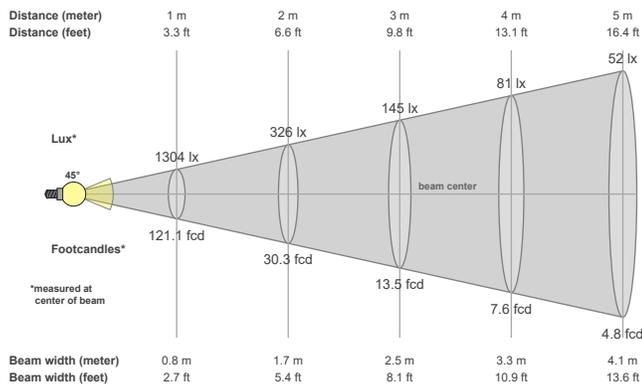


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	88.4	41.4	88.1	98.2	87.5	0.437	0.404	0.247	0.347	0.0012

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
45°	90.5°	133.3°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1320 cd	94.5%	84.2%

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
1304lx	326lx	145lx	81lx	52lx	36lx	27lx	20lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
121.1fcd	30.3fcd	13.5fcd	7.6fcd	4.8fcd	3.4fcd	2.5fcd	1.9fcd	1.5fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 1
4000K = 1.084

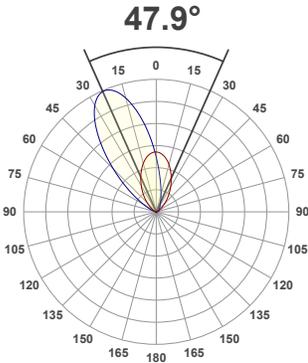
Light efficiency:



Light quality:



Color temperature:



Product name:

090+XL-LED-SQ-WW-20° Tilt - LED71-30-34-700mA

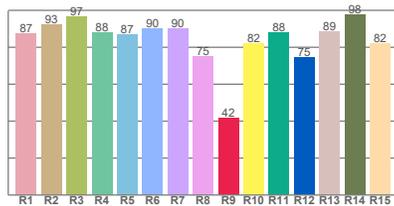
Item number:

Plus XL Square Wallwash - LED71-30-34-700mA

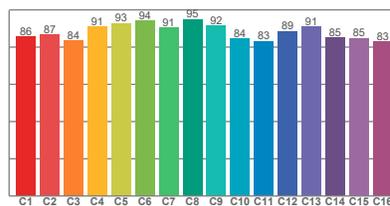
Delivered information for above fixture and LED combination.

Output: 1158 Lumen Peak intensity: 1452 cd Power consumption: 27.0

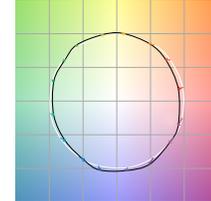
CRI R values



TM30 C Values

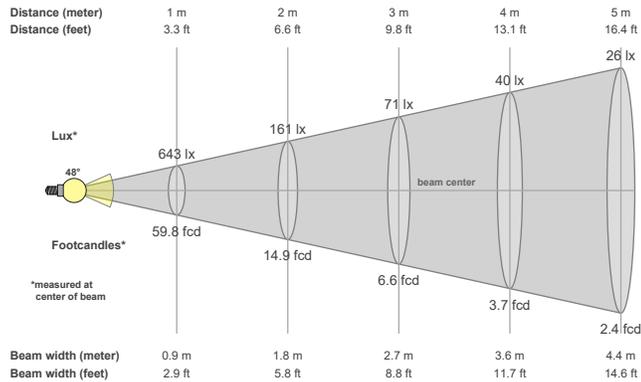


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	88.5	41.9	88.2	98.3	87.6	0.437	0.404	0.247	0.348	0.0012

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
47.9°	94.8°	134°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1452 cd	94.5%	77.5%

Beam intensities from 1-20m

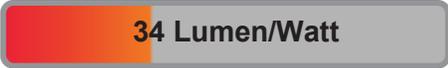
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
643lx	161lx	71lx	40lx	26lx	18lx	13lx	10lx	8lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx	2lx
59.8fcd	14.9fcd	6.6fcd	3.7fcd	2.4fcd	1.7fcd	1.2fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 1
4000K = 1.084

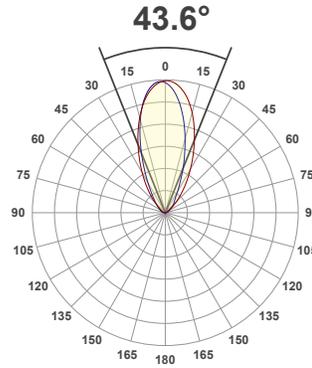
Light efficiency:



Light quality:



Color temperature:



Product name:

090+XL-LED-SQ-WW P0 - LED71_U-30-34-700mA

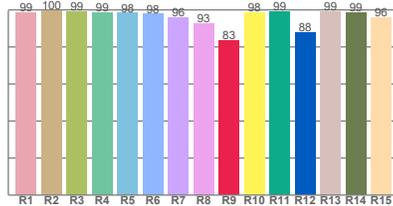
Item number:

Plus XL Square Wallwash P0 - LED71/U-30-34-700mA

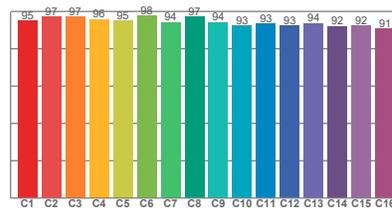
Delivered information for above fixture and LED combination.

Output: 908 Lumen Peak intensity: 1193 cd Power consumption: 27.0

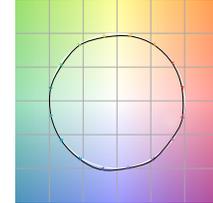
CRI R values



TM30 C Values

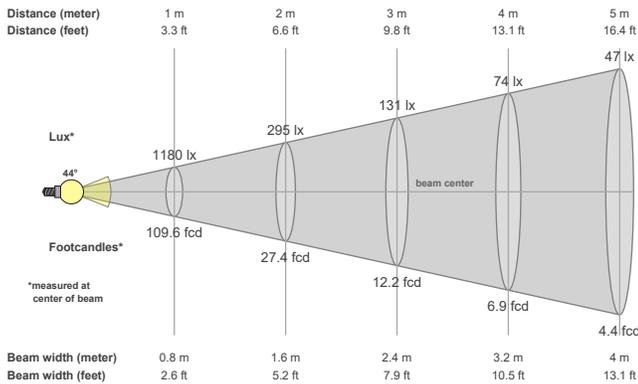


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	97.6	83.4	94.6	99.2	95.5	0.437	0.404	0.248	0.347	0.0003

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
43.6°	88.8°	132.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1193 cd	94.4%	84.1%

Beam intensities from 1-20m

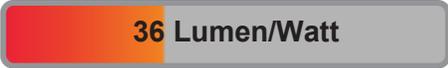
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
1180lx	295lx	131lx	74lx	47lx	33lx	24lx	18lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
109.6fcd	27.4fcd	12.2fcd	6.9fcd	4.4fcd	3fcd	2.2fcd	1.7fcd	1.4fcd	1.1fcd	0.9fcd	0.8fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 1

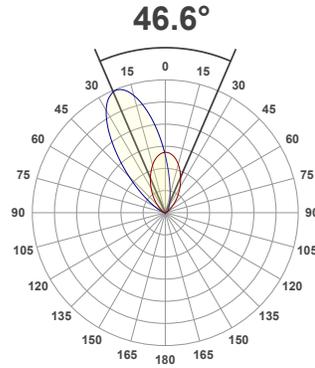
Light efficiency:



Light quality:



Color temperature:



Product name:

090+XL-LED-SQ-WW P20 - LED71_U-30-34-700mA

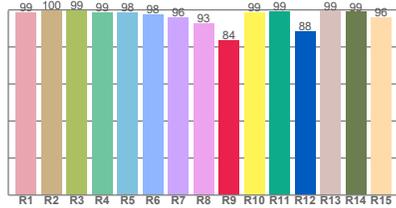
Item number:

Plus XL Square Wallwash P20 - LED71/U-30-34-700mA

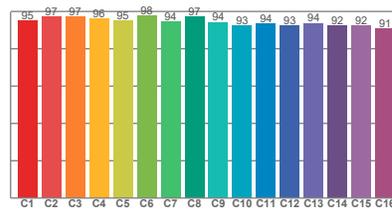
Delivered information for above fixture and LED combination.

Output: 983 Lumen Peak intensity: 1295 cd Power consumption: 27.0

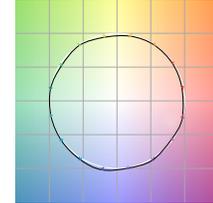
CRI R values



TM30 C Values

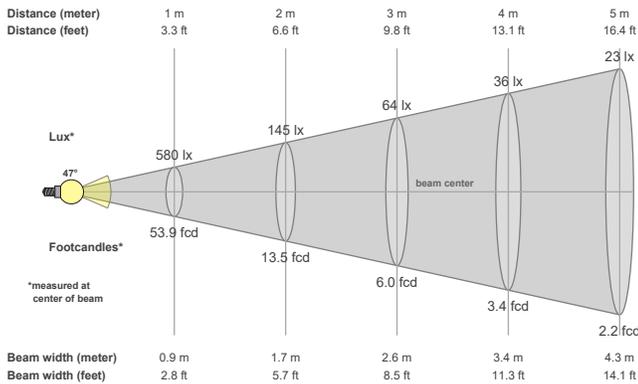


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	97.6	83.7	94.7	99.2	95.5	0.437	0.404	0.248	0.347	0.0002

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
46.6°	92.6°	132.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1295 cd	94.7%	78.9%

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
580lx	145lx	64lx	36lx	23lx	16lx	12lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx
53.9fcd	13.5fcd	6fcd	3.4fcd	2.2fcd	1.5fcd	1.1fcd	0.8fcd	0.7fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 1