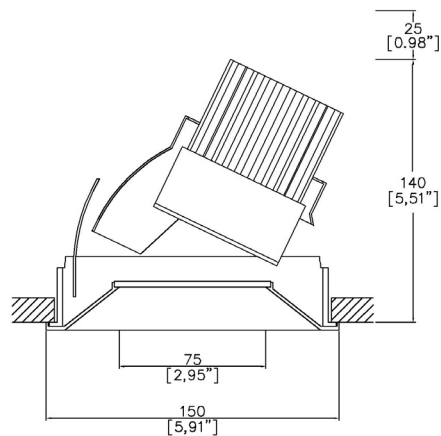


ProSpex Plus XL Conical Accent Trim



150mm (5.90") overall trim diameter. 360° rotation. Up to 45° tilt. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 25mm^



093+XL-LED-TR
Cut-out 142mm Ø

LED Source	LED71/U	LED71/U	LED71/U
CCT	3000K	3000K	3000K
Drive Current	700mA	700mA	700mA
Power inc Driver	27W	27W	27W
Beam Angle	12°	19°	34°
Delivered Lumens	1491	1361	1367
Delivered Intensisty cd	19417	9381	3988
Efficacy lm/w	55	49	51
Forward Volt	33V	33V	33V
CRI	≥98 CRI	≥98 CRI	≥98 CRI

Project Ref: _____

Location Ref: _____

Fixture Order Code:



Fixture

093+XL-LED-TR Plus XL Conical Accent Trim with LED71

Finish

WH White
BK Black
RAL Custom RAL Colour*

IP Rating

44 IP44

Emergency

E Maintained 3hr Emergency
ED Maintained 3hr DALI Self Test
ES Maintained 3hr Self Test



LED Order Code:



LED

LED71/U LED70 ONE ULTRA

CCT

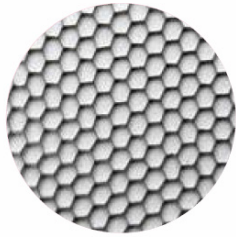
927 90 CRI 2700K
930 90 CRI 3000K

Beam

12 12°
19 19°
34 34°

Protocol

S Non-Dim
A Analogue (0-10v)
P Phase
D DALI
B Bluetooth**



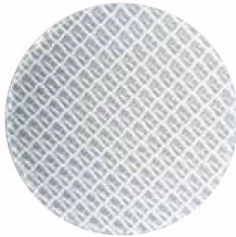
Honeycomb Louvre



Diffusing Lens



Frosted Lens



Heavy Spread Lens



Linear Spread Lens



Warm Tone

Accessories Order Code:

Louvre/Lens

- MN71 Honeycomb Louvre
- MDCC Warm Tone Lens
- MDUV UV Lens
- MDDF Diffusing Lens
- MDFR Frosted Lens
- MDLS Linear Spread Lens
- MDHS Heavy Spread Lens

Technical Details

*Custom RAL code must be specified. Custom RAL colours can increase prices and lead times

Dimming. Whilst Lucent can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/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 the communication method. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or bluetooth devices.

^ 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 luminaire installation instructions for further details. Data correct at time of publishing

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)

IP Rating. Tested from underside of the ceiling

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.

Luminaires designed to comply with EN60598 and all other standards.

This specification sheet superseded all previous versions.

All intellectual property rights pertaining to the product described above and to this document are owned by or licensed to Lucent Lighting Ltd.

We reserve the right to take whatever action is necessary to protect those intellectual property rights.

Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

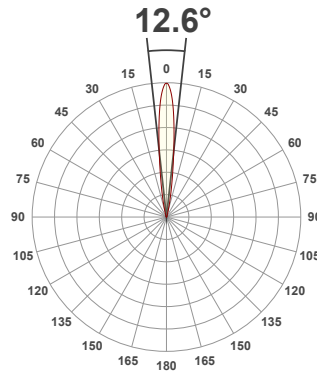
Light efficiency:



Light quality:



Color temperature:



Product name:

093+XL-LED - LED71_U-30-12-700mA

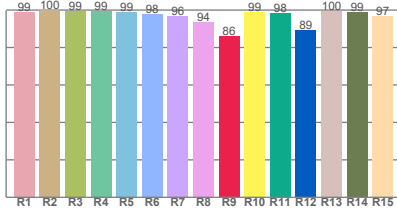
Item number:

Plus XL Conical Accent - LED71/U-30-12-700mA

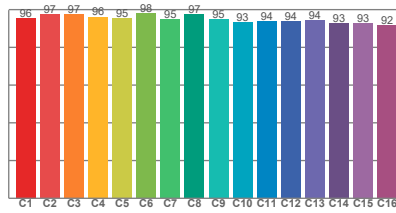
Delivered information for above fixture and LED combination.

Output: 1491 Lumen Peak intensity: 19417 cd Power consumption: 27.0

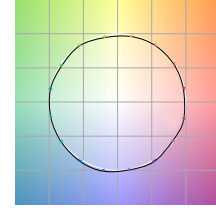
CRI R values



TM30 C Values

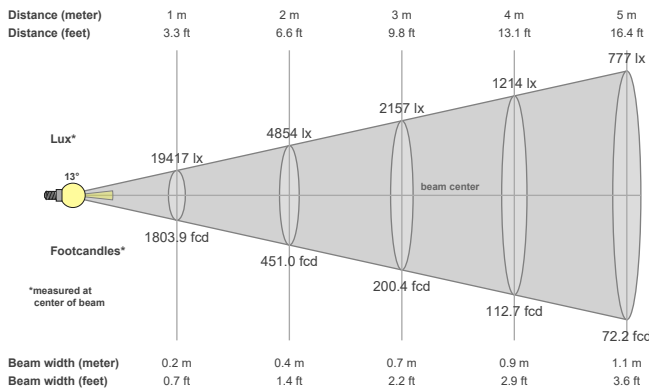


Color vector graphics



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	98.0	85.8	95.1	99.4	95.8	0.437	0.404	0.249	0.347	0.0002

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
12.6°	25.1°	37°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
19417 cd	99.7%	97.0%

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
19417lx	4854lx	2157lx	1214lx	777lx	539lx	396lx	303lx	240lx	194lx	160lx	135lx	115lx	99lx	86lx	76lx	67lx	60lx	54lx	49lx
1803.9fcd	451fcd	200.4fcd	112.7fcd	72.2fcd	50.1fcd	36.8fcd	28.2fcd	22.3fcd	18fcd	14.9fcd	12.5fcd	10.7fcd	9.2fcd	8fcd	7fcd	6.2fcd	5.6fcd	5fcd	4.5fcd

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:

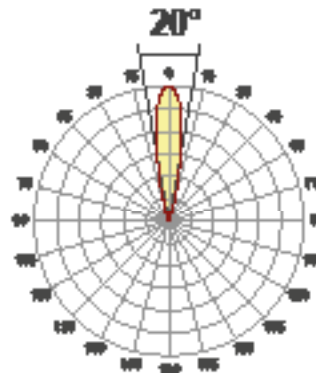
49 Lumen/Watt

Light quality:

CRI: 97.5

Color temperature:

3000 K



Product name:

**093+XL-LED -
LED71_U-30-19-700mA**

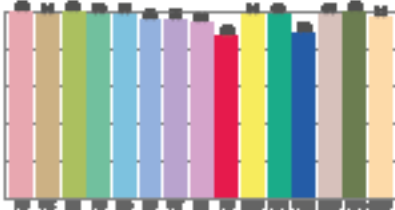
Item number:

**Plus XL Conical Accent -
LED71/U-30-19-700mA**

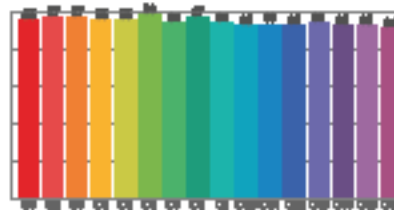
Delivered information for above
fixture and LED combination.

Output: 1316 Lumen Peak intensity: 9381 cd Power consumption: 27.0

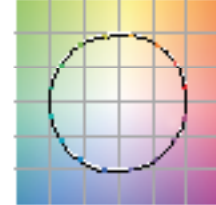
CRI R values



TM30 C Values

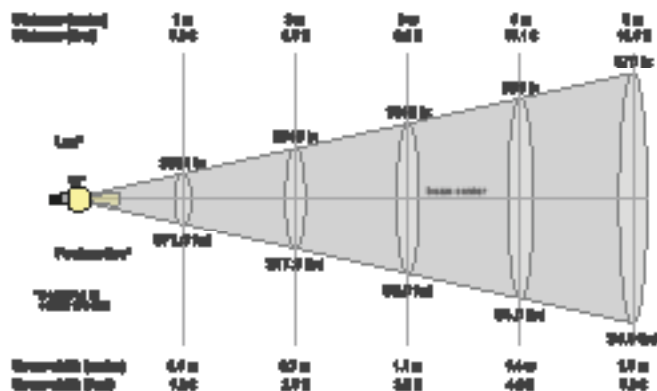


Color vector graphics



Color vector	Color vector C1-C15	Red vector R1-R15	Color vector C1-C15	Color vector C1-C15	Color vector C1-C15	Color vector C1-C15	Color vector C1-C15	Color vector C1-C15	Color vector C1-C15	Color vector C1-C15
OCT	CRI	CRI R9	TM30 R7	TM30 R9	CRI	X	Y	U	V	Z
3000 K	97.5	97.8	94.6	99.4	96.8	0.437	0.404	0.248	0.248	0.0012

Beam angle



Beam angle

Beam angle 50%	Field angle 90%	Cutoff angle 2.0%
20°	33.2°	44.4°

Beam intensity

Peak intensity	Int. ratio to 120° cone	Int. ratio to 90° cone
9381 cd	88.7%	87.4%

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
9381lx	2345lx	1042lx	586lx	375lx	251lx	191lx	147lx	116lx	94lx	78lx	65lx	56lx	48lx	42lx	37lx	32lx	29lx	26lx	23lx
871.5cd	217.9cd	96.8cd	54.5cd	34.9cd	24.2cd	17.8cd	13.6cd	10.8cd	8.7cd	7.2cd	6.1cd	5.2cd	4.4cd	3.9cd	3.4cd	3cd	2.7cd	2.4cd	2.2cd

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:

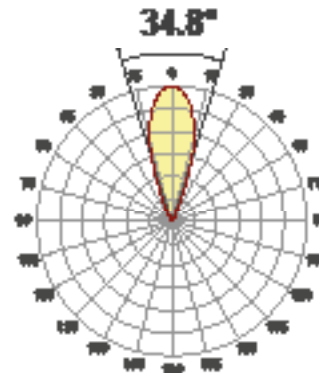
51 Lumen/Watt

Light quality:

CRI: 97.7

Color temperature:

3000 K



Product name:

**093+XL-LED -
LED71_U-30-34-700mA**

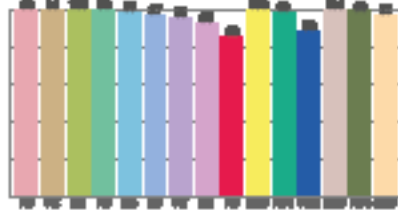
Item number:

**Plus XL Conical Accent -
LED71/U-30-34-700mA**

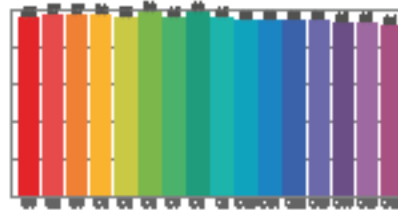
Delivered information for above
fixture and LED combination.

Output: 1367 Lumen Peak intensity: 3988 cd Power consumption: 27.0

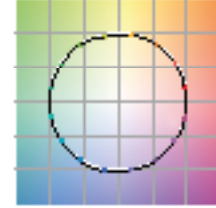
CRI R values



TM30 C Values

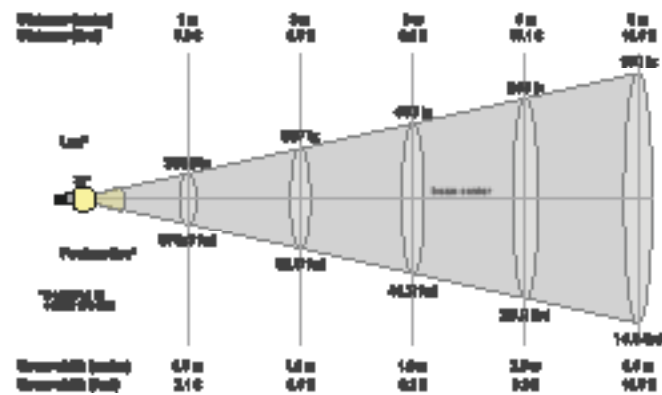


Color vector graphics



Color vector	Color vector index	Red vector	Green vector	Blue vector	White vector	Color vector index	Color vector index	Color vector index	Color vector index	Color vector index
OCT	CRI	CRI R9	TM30 R9	TM30 R9	CSM	X	Y	Z	u	v
3000 K	97.7	96.8	96.8	96.8	99.7	0.437	0.404	0.268	0.248	0.0018

Beam data



Beam angle

Beam angle 50%	Field angle 90%	Cutoff angle 2.0%
34.8°	68.2°	12.4°

Beam intensity

Peak intensity	Int. ratio to 120° cone	Int. ratio to 90° cone
3988 cd	88.7%	87.4%

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
3988lx	997lx	443lx	249lx	160lx	111lx	81lx	62lx	49lx	40lx	33lx	28lx	24lx	20lx	18lx	16lx	14lx	12lx	11lx	10lx
370.5cd	92.6cd	41.2cd	23.2cd	14.8cd	10.3cd	7.6cd	5.8cd	4.6cd	3.7cd	3.1cd	2.6cd	2.2cd	1.9cd	1.6cd	1.4cd	1.3cd	1.1cd	1cd	0.9cd

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