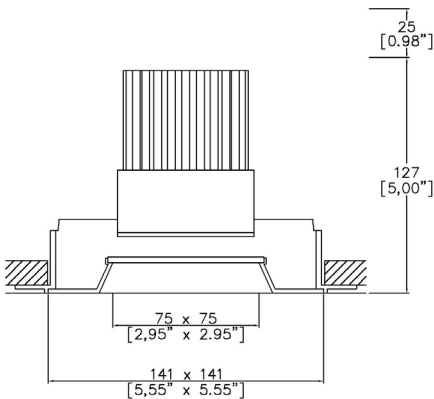


ProSpex Plus XL Square Bevel Fixed Trimless



141 x 141mm (5.55" x 5.55") overall trimless dimensions. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 25mm^



090+XL-33-LED-TL-SQ
Cut-out 142 x 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	1531	1362	1398
Delivered Intensisty cd	22239	9686	4154
Efficacy lm/w	57	50	52
Forward Volt	33V	33V	33V
CRI	≥98 CRI	≥98 CRI	≥98 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code: 090+XL-33-LED-TL-SQ - - -

Fixture

090+XL-33-LED-TL-SQ Plus XL Square Bevel Fixed Trimless with LED71

Finish

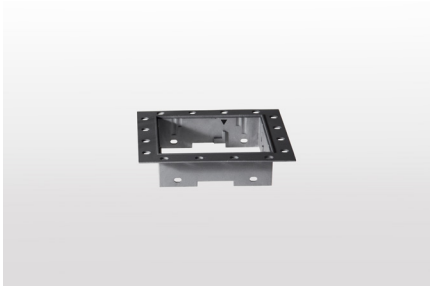
WH White
BK Black
RAL Custom RAL Colour*

IP Rating

44 IP44

Emergency

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



LED Order Code: LED71/U - - -

LED

LED71/U LED70 ONE ULTRA

CCT

927 90 CRI 2700K
930 90 CRI 3000K

Beam

12°
19°
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

- MD45 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 instllation 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:

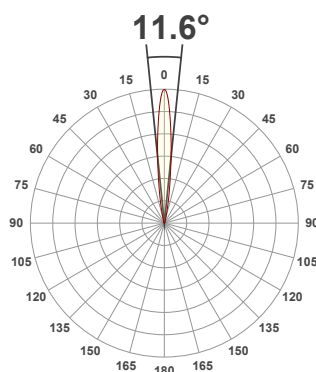
57 Lumen/Watt

Light quality:

CRI: 98.0

Color temperature:

3000 K



Product name:

090+XL-33-LED-SQ - LED71_U-30-12-700mA

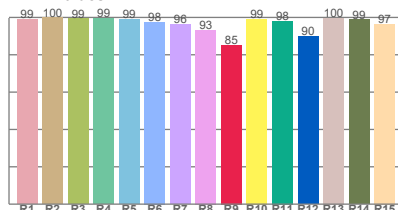
Item number:

PlusXL Square Bevel Fixed - LED71/U-30-12-700mA

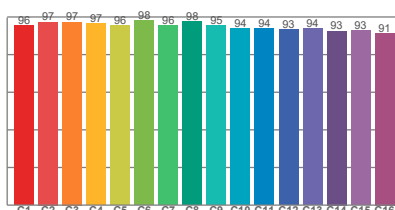
Delivered information for above fixture and LED combination.

Output: 1531 Lumen Peak intensity: 22239 cd Power consumption: 27.0

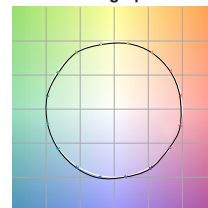
CRI R values



TM30 C Values

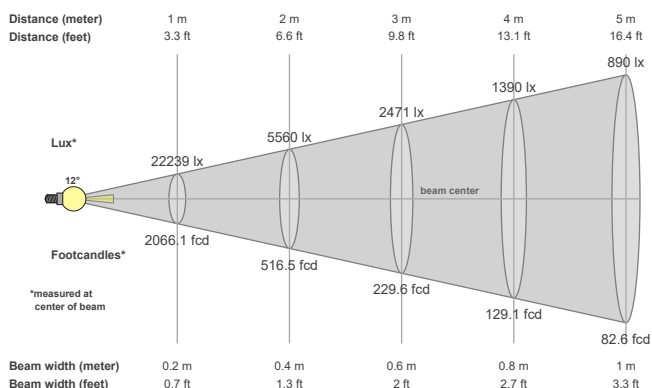


Color vector graphics



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	85.2	95.3	99.6	95.8	0.437	0.404	0.250	0.347	-0.0002

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
11.6°	24.2°	35.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
22239 cd	99.8%	97.9%

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
22239lx	5560lx	2471lx	1390lx	890lx	618lx	454lx	347lx	275lx	222lx	184lx	154lx	132lx	113lx	99lx	87lx	77lx	69lx	62lx	56lx
2066.1fcd	516.5fcd	229.6fcd	129.1fcd	82.6fcd	57.4fcd	42.2fcd	32.3fcd	25.5fcd	20.7fcd	17.1fcd	14.3fcd	12.2fcd	10.5fcd	9.2fcd	8.1fcd	7.1fcd	6.4fcd	5.7fcd	5.2fcd

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:

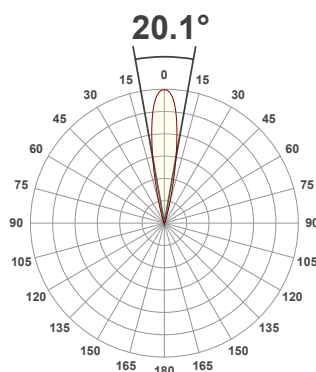
50 Lumen/Watt

Light quality:

CRI: 97.7

Color temperature:

3000 K



Product name:

**090+XL-33-LED-SQ -
LED71_U-30-19-700mA**

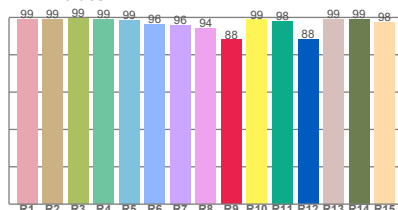
Item number:

**PlusXL Square Bevel Fixed -
LED71/U-30-19-700mA**

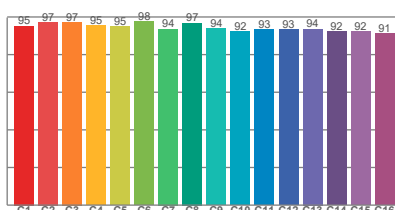
**Delivered information for above
fixture and LED combination.**

Output: 1362 Lumen Peak intensity: 9686 cd Power consumption: 27.0

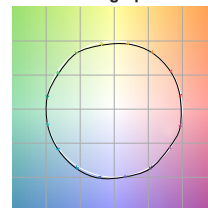
CRI R values



TM30 C Values

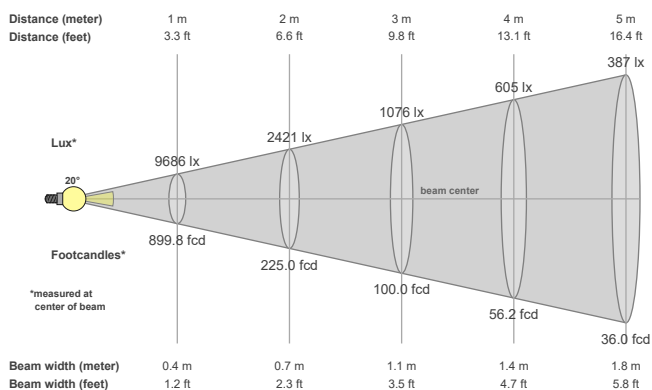


Color vector graphics



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	97.7	88.0	94.6	99.4	95.7	0.437	0.404	0.249	0.346	-0.0009

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
20.1°	33.4°	45°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
9686 cd	99.7%	97.9%

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
9686lx	2421lx	1076lx	605lx	387lx	269lx	198lx	151lx	120lx	97lx	80lx	67lx	57lx	49lx	43lx	38lx	34lx	30lx	27lx	24lx
899.8fcd	225fcd	100fcd	56.2fcd	36fcd	25fcd	18.4fcd	14.1fcd	11.1fcd	9fcd	7.4fcd	6.2fcd	5.3fcd	4.6fcd	4fcd	3.5fcd	3.1fcd	2.8fcd	2.5fcd	2.2fcd

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:

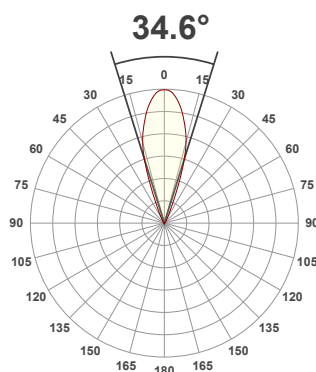
52 Lumen/Watt

Light quality:

CRI: 97.9

Color temperature:

3000 K



Product name:

**090+XL-33-LED-SQ -
LED71_U-30-34-700mA**

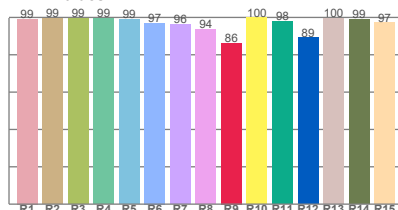
Item number:

**PlusXL Square Bevel Fixed -
LED71/U-30-34-700mA**

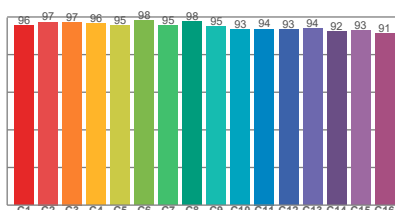
**Delivered information for above
fixture and LED combination.**

Output: 1398 Lumen Peak intensity: 4154 cd Power consumption: 27.0

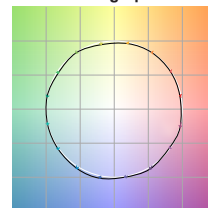
CRI R values



TM30 C Values

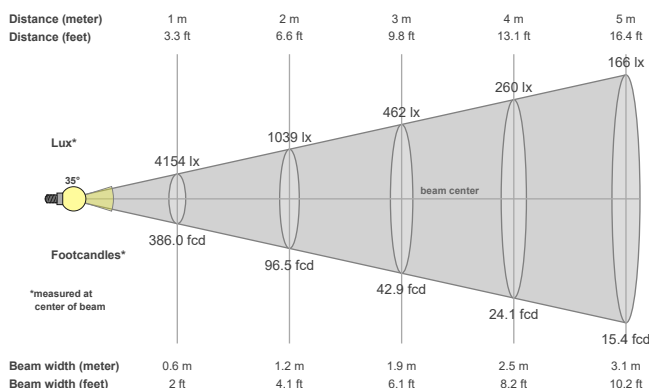


Color vector graphics



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	97.9	86.4	95.1	99.8	95.8	0.437	0.404	0.250	0.346	-0.0008

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
34.6°	50.5°	72.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
4154 cd	99.7%	97.9%

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
4154lx	1039lx	462lx	260lx	166lx	115lx	85lx	65lx	51lx	42lx	34lx	29lx	25lx	21lx	18lx	16lx	14lx	13lx	12lx	10lx
386fcd	96.5fcd	42.9fcd	24.1fcd	15.4fcd	10.7fcd	7.9fcd	6fcd	4.8fcd	3.9fcd	3.2fcd	2.7fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1.1fcd	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