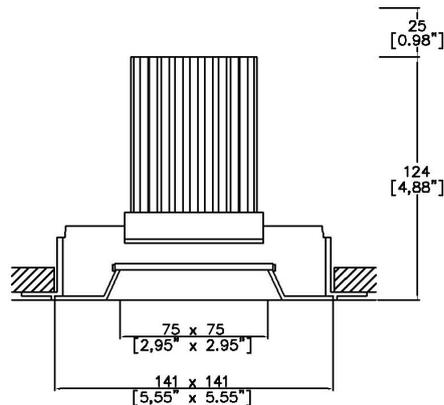


# ProSpex Plus XL Square Bevel Fixed Trimless



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	LED71WD	LED71WD	LED71WD
CCT	3000K	3000K	3000K
Drive Current	1000mA	1000mA	1000mA
Power inc Driver	27W	27W	27W
Beam Angle	19°	23°	42°
Delivered Lumens	1523	1473	1403
Delivered Intensisty cd	6152	4740	2086
Efficacy lm/w	60	58	55
Forward Volt	23V	23V	23V
CRI	≥95 CRI	≥95 CRI	≥95 CRI

Test results at full output

Project Ref: \_\_\_\_\_

Location Ref: \_\_\_\_\_

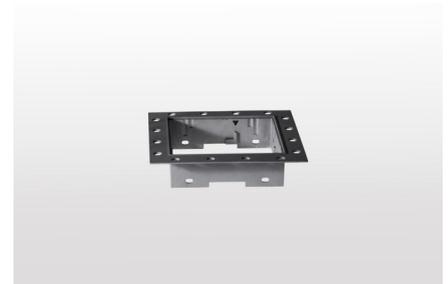
Fixture Order Code:  -  -  -

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



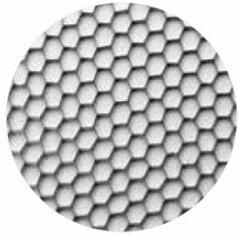
LED Order Code:  -  -  -

LED  
LED71WD LED70 ONE Ambiance WarmDim

CCT  
2720 2700K - 2000K  
3020 3000K - 2000K

Beam  
19 19°  
23 23°  
42 42°

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 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:

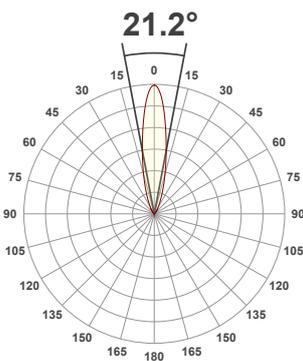
**60 Lumen/Watt**

Light quality:

**CRI: 96.1**

Color temperature:

**2915 K**



Product name:

**090+33-XL-LED-SQ - LED71WD-3020-19**

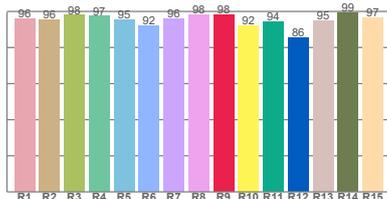
Item number:

**Plus XL Bevel Fixed LED71WD-3020-19 - 1000mA**

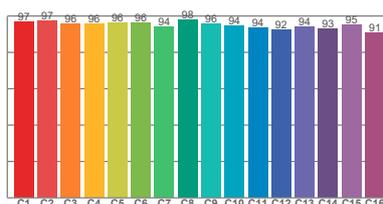
**Delivered information for above fixture and LED combination.**

**Output: 1523 Lumen Peak intensity: 6152 cd Power consumption: 25.6**

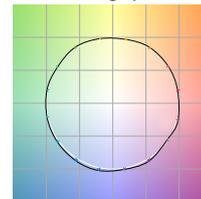
CRI R values



TM30 C Values

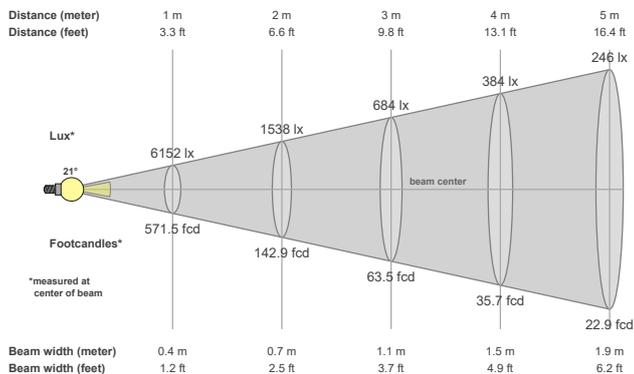


Color vector graphics



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
2915 K	96.1	98.1	95.1	102.5	95.1	0.435	0.389	0.256	0.343	-0.0058

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
21.2°	51.1°	79.5°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
6152 cd	99.8%	96.8%

## 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
6152lx	1538lx	684lx	384lx	246lx	171lx	126lx	96lx	76lx	62lx	51lx	43lx	36lx	31lx	27lx	24lx	21lx	19lx	17lx	15lx
571.5fcd	142.9fcd	63.5fcd	35.7fcd	22.9fcd	15.9fcd	11.7fcd	8.9fcd	7.1fcd	5.7fcd	4.7fcd	4fcd	3.4fcd	2.9fcd	2.5fcd	2.2fcd	2fcd	1.8fcd	1.6fcd	1.4fcd

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 =  
4000K =

Light efficiency:

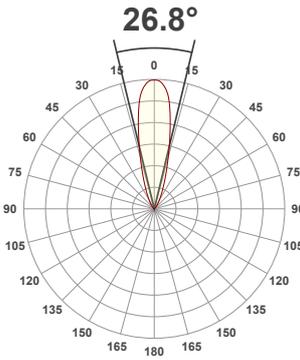
**58 Lumen/Watt**

Light quality:

**CRI: 96.3**

Color temperature:

**2925 K**



Product name:

**090+33-XL-LED-SQ - LED71WD-3020-23**

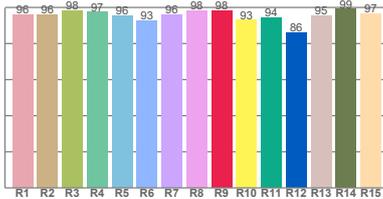
Item number:

**Plus XL Bevel Fixed LED71WD-3020-23 - 1000mA**

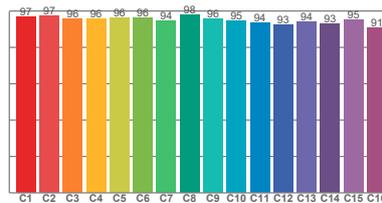
**Delivered information for above fixture and LED combination.**

**Output: 1473 Lumen Peak intensity: 4740 cd Power consumption: 25.6**

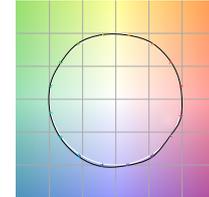
CRI R values



TM30 C Values

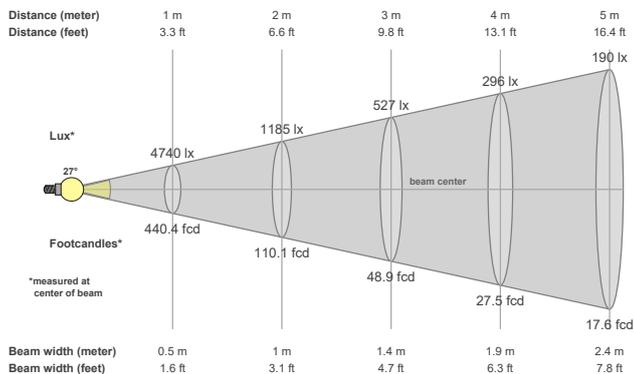


Color vector graphics



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
2925 K	96.3	98.1	95.1	102.5	95.2	0.434	0.389	0.255	0.343	-0.0056

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
26.8°	55.5°	82.5°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
4740 cd	99.8%	97.1%

## 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
4740lx	1185lx	527lx	296lx	190lx	132lx	97lx	74lx	59lx	47lx	39lx	33lx	28lx	24lx	21lx	19lx	16lx	15lx	13lx	12lx
440.4fcd	110.1fcd	48.9fcd	27.5fcd	17.6fcd	12.2fcd	9fcd	6.9fcd	5.4fcd	4.4fcd	3.6fcd	3.1fcd	2.6fcd	2.2fcd	2fcd	1.7fcd	1.5fcd	1.4fcd	1.2fcd	1.1fcd

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 =

4000K =

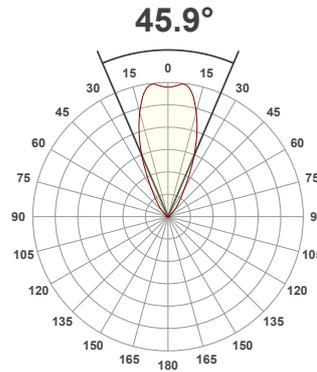
**Light efficiency:**



**Light quality:**



**Color temperature:**



Product name:

**090+33-XL-LED-SQ - LED71WD-3020-42**

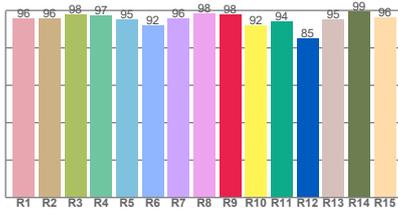
Item number:

**Plus XL Bevel Fixed LED71WD-3020-42 - 1000mA**

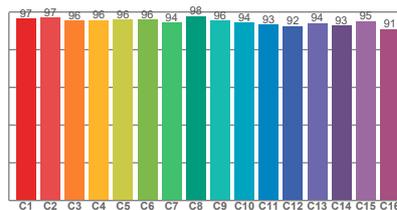
**Delivered information for above fixture and LED combination.**

**Output: 1403 Lumen Peak intensity: 2086 cd Power consumption: 25.6**

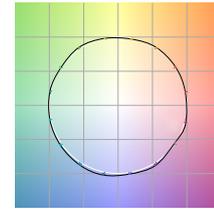
**CRI R values**



**TM30 C Values**

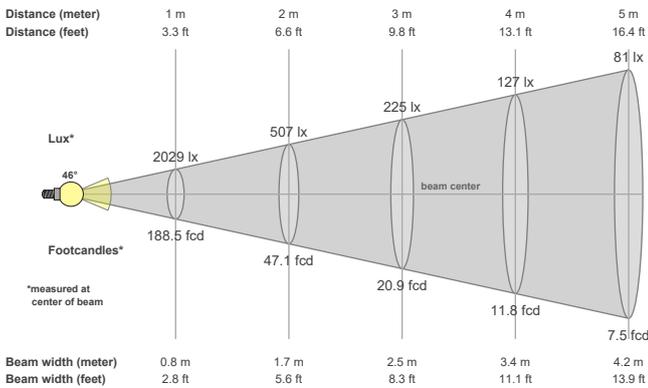


**Color vector graphics**



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
2928 K	96.0	98.0	95.0	102.6	95.0	0.433	0.388	0.255	0.343	-0.0060

**Beam details**



**Beam angels**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
45.9°	81°	102°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2086 cd	99.8%	95.3%

**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
2029lx	507lx	225lx	127lx	81lx	56lx	41lx	32lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
188.5fcd	47.1fcd	20.9fcd	11.8fcd	7.5fcd	5.2fcd	3.8fcd	2.9fcd	2.3fcd	1.9fcd	1.6fcd	1.3fcd	1.1fcd	1fcd	0.8fcd	0.7fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd

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 =