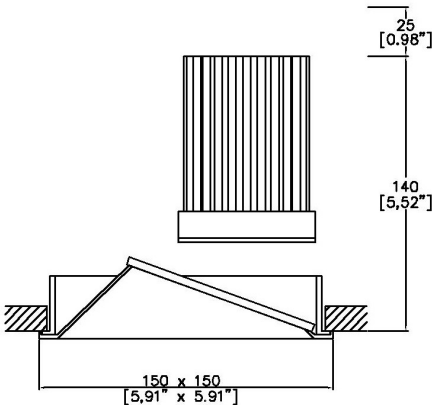


ProSpex Plus XL Square Wallwash Trim



150 x 150mm (5.90" x 5.90") overall trim dimension.
Available with standard trim kit or plaster-in kit for flush
appearance. Family of matching products also availa-
ble. Required depth height + 25mm^



090+XL-LED-TR-SQ-WW
Cut-out 142 x 142mm

LED Source	LED71TW	LED71WD
CCT range 5000K-2000K	@ 3000K	@ 3000K
Drive Current	1000mA	1000mA
Power inc Driver	27.5W	27.5W
Beam Angle	42°	442°
Angled at	0°	20°
Delivered Lumens	834	882
Delivered Intensisty cd	857	868
Efficacy lm/w	30	32
Forward Volt	23.4V	23.4V
CRI	≥95 CRI	≥95 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code: 090+XL-LED-TR-SQ-WW - _____ - _____ - _____

Fixture
090+XL-LED-TR-SQ-WW Plus XL Square Wallwash 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: LED71TW - 5020 - _____ - _____

LED
LED71TW LED70 ONE Tuneable White

CCT
5020 5000K - 2000K

Beam
42 42°

Protocol
D6 DALI Type 6**
D8 DALI Type 8**
B Bluetooth***



Honeycomb Louvre



Warm Tone

Accessories Order Code:

- Louvre/Lens
- MD45 Honeycomb Louvre
 - MDCC Warm Tone Lens
 - MDUV UV 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:

33 Lumen/Watt

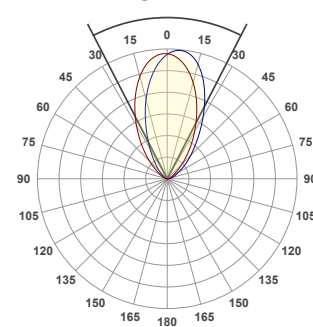
Light quality:

CRI: 96.4

Color temperature:

2965 K

54.4°



Product name:

**090+XL-LED--SQ-WW -
LED71WD-3020-42 - P0**

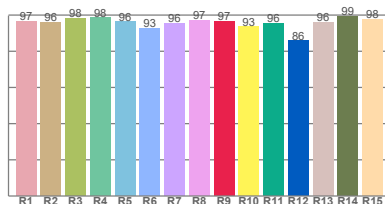
Item number:

**Plus XL Square Wallwash set to
P0 LED71WD-3020-42 - 1000mA**

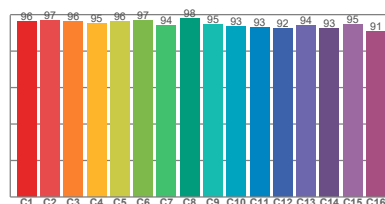
**Delivered information for above
fixture and LED combination.**

Output: 854 Lumen Peak intensity: 810 cd Power consumption: 25.6

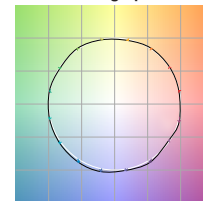
CRI R values



TM30 C Values

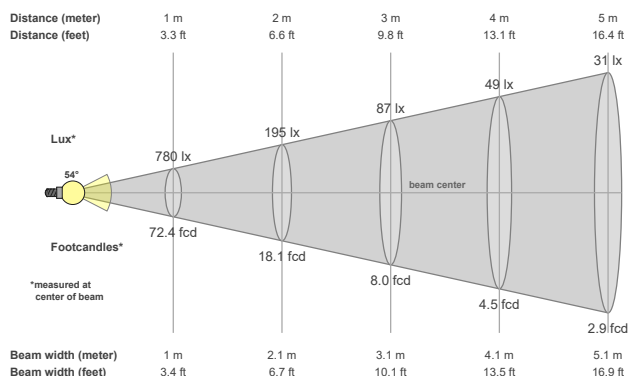


Color vector graphics



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
2965 K	96.4	96.6	94.8	101.8	95.1	0.432	0.390	0.254	0.343	-0.0052

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
54.4°	105.8°	141.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
810 cd	93.4%	79.8%

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
780lx	195lx	87lx	49lx	31lx	22lx	16lx	12lx	10lx	8lx	6lx	5lx	5lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
72.4fcd	18.1fcd	8fcd	4.5fcd	2.9fcd	2fcd	1.5fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd

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 =

4000K =

Light efficiency:

36 Lumen/Watt

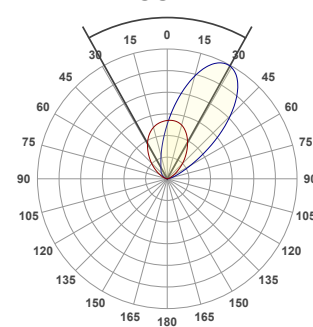
Light quality:

CRI: 96.7

Color temperature:

2966 K

58.1°



Product name:

**090+XL-LED--SQ-WW -
LED71WD-3020-42 - P20**

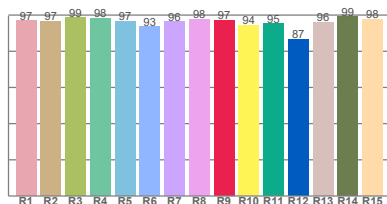
Item number:

**Plus XL Square Wallwash set to
P20 LED71WD-3020-42 - 1000mA**

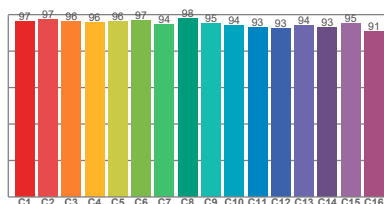
**Delivered information for above
fixture and LED combination.**

Output: 932 Lumen Peak intensity: 859 cd Power consumption: 25.6

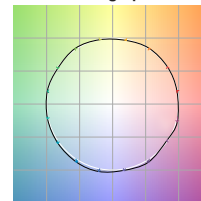
CRI R values



TM30 C Values

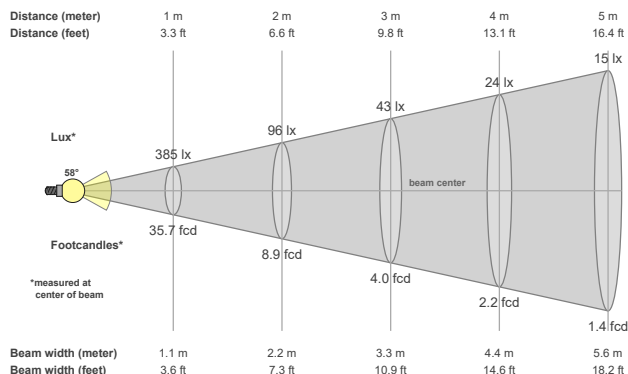


Color vector graphics



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
2966 K	96.7	97.1	95.1	101.9	95.3	0.433	0.391	0.254	0.344	-0.0048

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
58.1°	111.5°	146.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
859 cd	91.8%	69.2%

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
385lx	96lx	43lx	24lx	15lx	11lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx
35.7fcd	8.9fcd	4fcd	2.2fcd	1.4fcd	1fcd	0.7fcd	0.6fcd	0.4fcd	0.4fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	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 =

4000K =