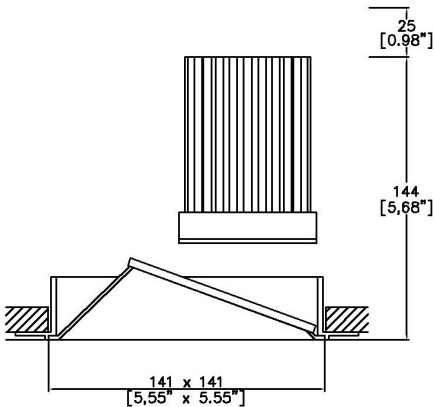


ProSpex Plus XL Square Wallwash Trimless



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



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

| | | |
|-------------------------|---------|---------|
| LED Source | LED71WD | LED71WD |
| CCT | 3000K | 3000K |
| Drive Current | 1000mA | 1000mA |
| Power inc Driver | 27W | 27W |
| Beam Angle | 42° | 42° |
| Angled at | 0° | 20° |
| Delivered Lumens | 854 | 932 |
| Delivered Intensisty cd | 510 | 859 |
| Efficacy lm/w | 33 | 36 |
| Forward Volt | 23V | 23V |
| CRI | ≥95 CRI | ≥95 CRI |

Project Ref: _____

Location Ref: _____

Fixture Order Code:

090+XL-LED-TL-SQ-WW

Fixture

090+XL-LED-TL-SQ-WW Plus XL Square Wallwash Trimless with LED71

Finish

WH

BK

RAL

White

Black

Custom RAL Colour*

IP Rating

44

IP44

Emergency

E

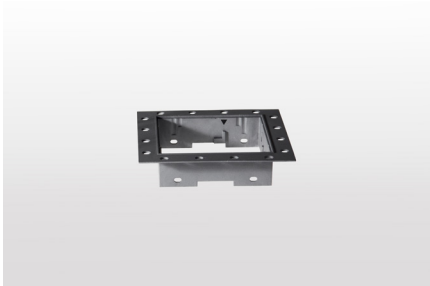
ED

ES

Maintained 3hr Emergency

Maintained 3hr DALI Self Test

Maintained 3hr Self Test



LED Order Code:

LED71WD

42

LED

LED71WD LED70 ONE Ambiance WarmDim

CCT

2720

3020

2700K - 2000K

3000K - 2000K

Beam

42

42°

Protocol

S

A

P

D

B

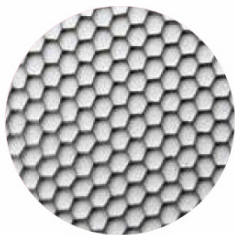
Non-Dim

Analogue (0-10v)

Phase

DALI

Bluetooth**



Honeycomb Louvre



Warm Tone

Accessories Order Code:

- Louvre/Lens
- MN71 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

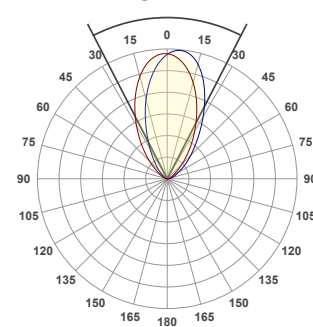
Light quality:

CRI: 96.4

Color temperature:

2965 K

54.4°



Product name:

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

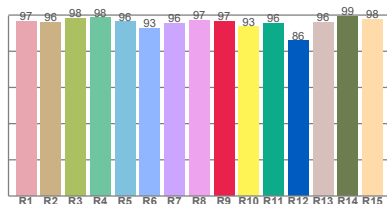
Item number:

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

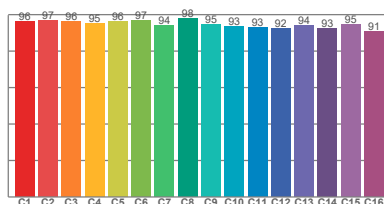
Delivered information for above fixture and LED combination.

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

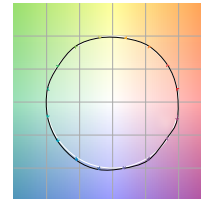
CRI R values



TM30 C Values

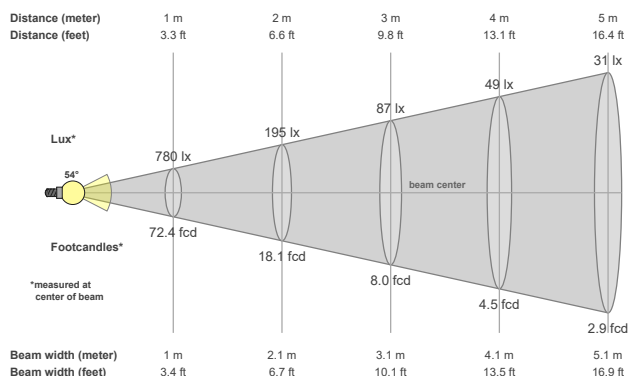


Color vector graphics



| 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

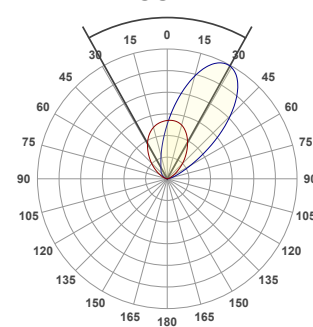
Light quality:

CRI: 96.7

Color temperature:

2966 K

58.1°



Product name:

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

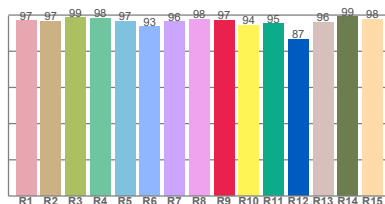
Item number:

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

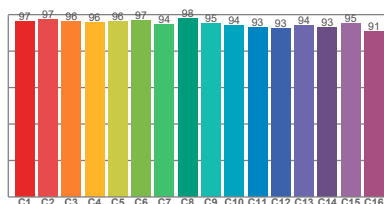
**Delivered information for above
fixture and LED combination.**

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

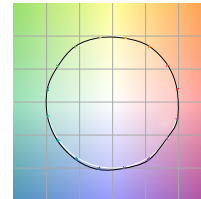
CRI R values



TM30 C Values

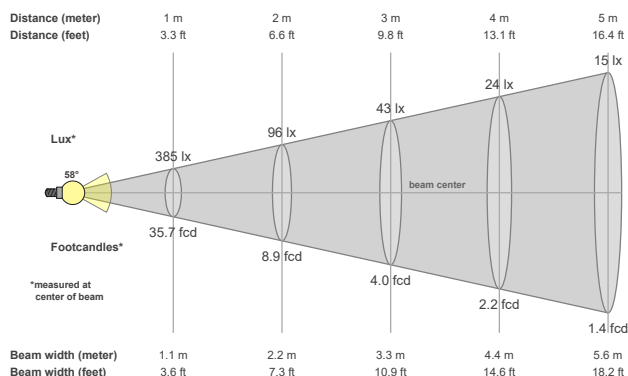


Color vector graphics



| 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 =