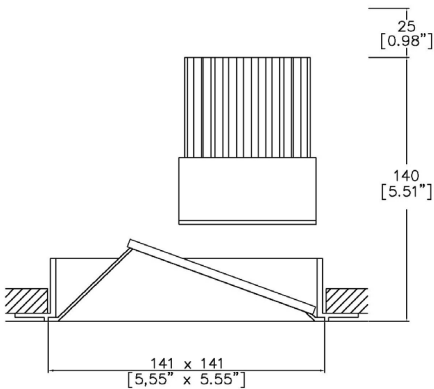


ProSpex Plus XL Square Wallwash Trimless



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	LED71/U	LED71/U
CCT	3000K	3000K
Drive Current	700mA	700mA
Power inc Driver	27W	27W
Beam Angle	34°	34°
Angled at	0°	20°
Delivered Lumens	908	983
Delivered Intensisty cd	1193	1295
Efficacy lm/w	34	36
Forward Volt	33V	33V
CRI	≥98 CRI	≥98 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

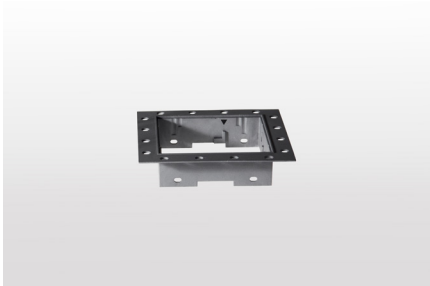
WH White  
BK Black  
RAL Custom RAL Colour\*

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 - - 34 -

LED

LED71/U LED70 ONE ULTRA

CCT

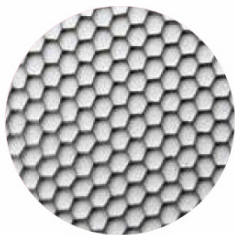
927 90 CRI 2700K  
930 90 CRI 3000K

Beam

34 34°

Protocol

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

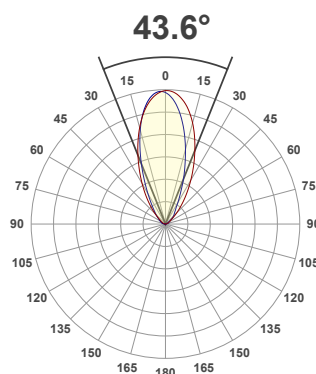
**34 Lumen/Watt**

## Light quality:

**CRI: 97.6**

## Color temperature:

**3000 K**



## Product name:

**090+XL-LED-SQ-WW P0 -  
LED71\_U-30-34-700mA**

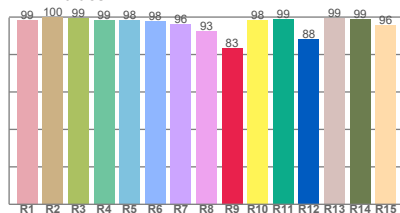
## Item number:

**Plus XL Square Wallwash P0 -  
LED71/U-30-34-700mA**

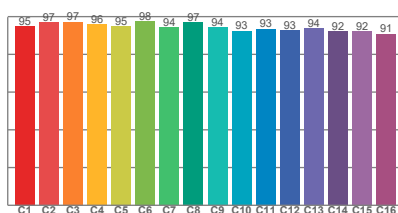
**Delivered information for above  
fixture and LED combination.**

**Output: 908 Lumen    Peak intensity: 1193 cd    Power consumption: 27.0**

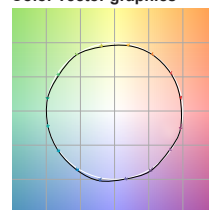
**CRI R values**



**TM30 C Values**

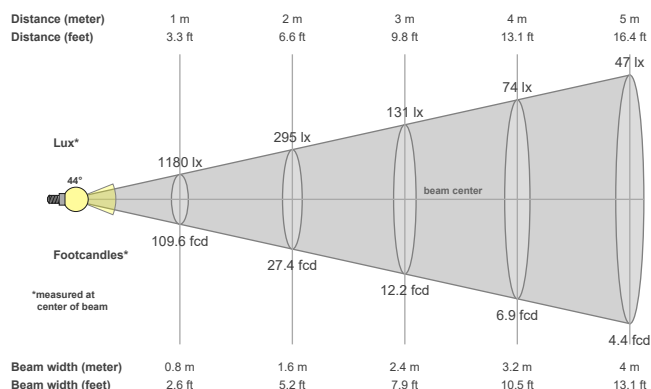


**Color vector graphics**



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	97.6	83.4	94.6	99.2	95.5	0.437	0.404	0.248	0.347	0.0003

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
43.6°	88.8°	132.5°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1193 cd	94.4%	84.1%

## 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
1180lx	295lx	131lx	74lx	47lx	33lx	24lx	18lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
109.6fcd	27.4fcd	12.2fcd	6.9fcd	4.4fcd	3fcd	2.2fcd	1.7fcd	1.4fcd	1.1fcd	0.9fcd	0.8fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd

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:

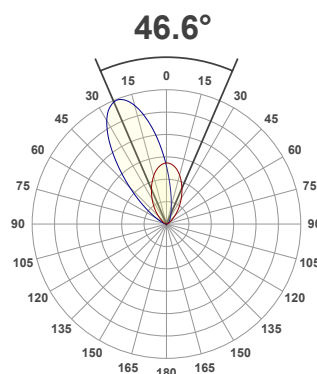
**36 Lumen/Watt**

## Light quality:

**CRI: 97.6**

## Color temperature:

**3000 K**



## Product name:

**090+XL-LED-SQ-WW P20 -  
LED71\_U-30-34-700mA**

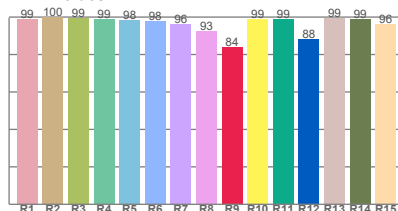
## Item number:

**Plus XL Square Wallwash P20 -  
LED71/U-30-34-700mA**

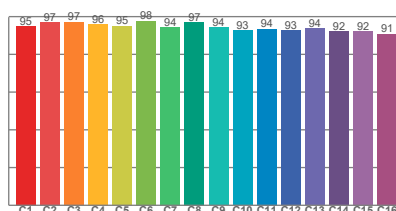
**Delivered information for above  
fixture and LED combination.**

**Output: 983 Lumen    Peak intensity: 1295 cd    Power consumption: 27.0**

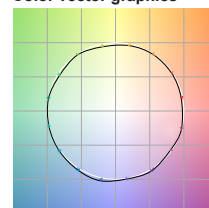
## CRI R values



## TM30 C Values

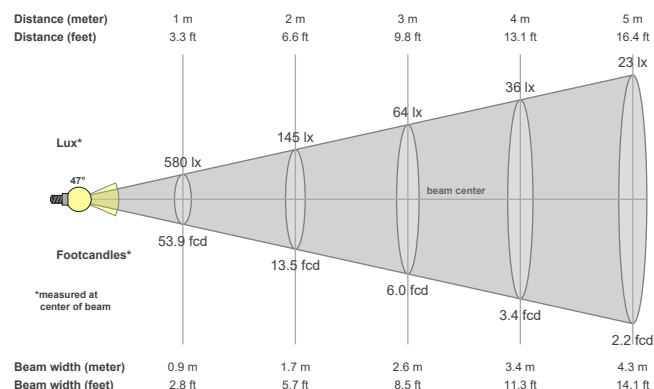


## Color vector graphics



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	97.6	83.7	94.7	99.2	95.5	0.437	0.404	0.248	0.347	0.0002

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
46.6°	92.6°	132.2°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1295 cd	94.7%	78.9%

## 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
580lx	145lx	64lx	36lx	23lx	16lx	12lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx
53.9fcd	13.5fcd	6fcd	3.4fcd	2.2fcd	1.5fcd	1.1fcd	0.8fcd	0.7fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	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 = 1