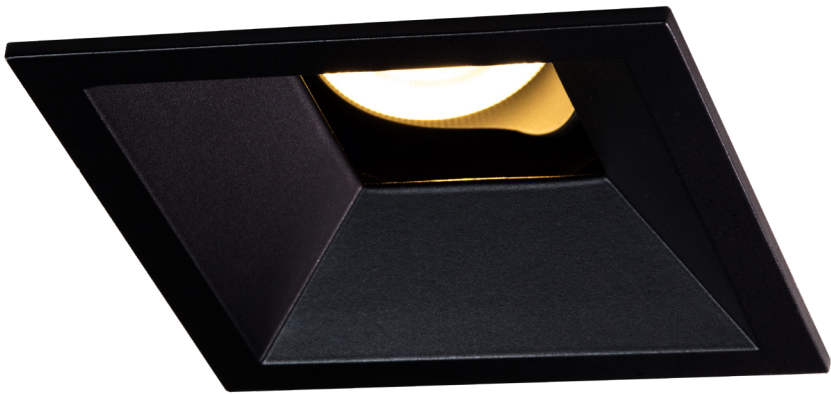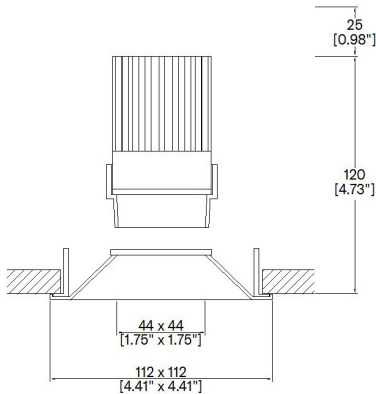# ProSpex Plus Pyramidal Fixed

112 x 112mm (4.41" x 4.41") overall trim dimension. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 25mm^

25 [0.98"]

120 [4.73"]

44 x 44 [1.75" x 1.75"]

112 x 112 [4.41" x 4.41"]

090+LED-TR-SQ
Cut-out 102x102mm

LED Source	LED51SS
CCT	3000K
Drive Current	500mA
Power inc Driver	6.75W
Beam Angle	7°
Delivered Lumens	397
Delivered Intensisty cd	15585
Efficacy lm/w	59
Forward Volt	11.5V
CRI	≥90 CRI

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Project Ref:_____   Location Ref:_____

Fixture Order Code:

| 090+LED-TR-SQ | – | | – | | – | |

Fixture
090+LED-TR-SQ   Plus Pyramidal Fixed Trim with LED51

Finish
WH   White
BK   Black
BK-WH   Black inner, White trim (as shown below)
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:

| LED51SS | – | | – | 7 | – | |

LED
LED51SS   LED51 SuperSpot

CCT
927   90 CRI 2700K
930   90 CRI 3000K
940   90 CRI 4000K

Beam
7   7°

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

LL45	Honeycomb Louvre
LLCC	Warm Tone Lens
LLUV	UV Lens
LLDF	Diffusing Lens
LLFR	Frosted Lens
LLLS	Linear Spread Lens
LLHS	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 supersededs 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.

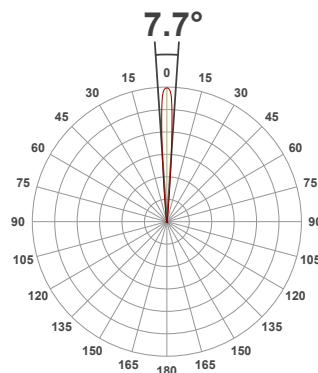Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

lucent®

Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 91.5

Color temperature:

3000 K

7.7°

Product name:
Plus Pyramidal Fixed - LED51
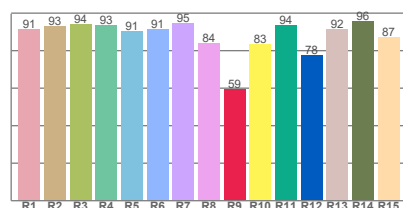**Super Spot, 3000K, 7°, 500mA**
Item number:
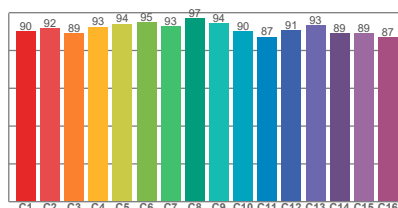**090+SQ-LED51SS-30-7-500mA**

Delivered information for above fixture and LED combination.

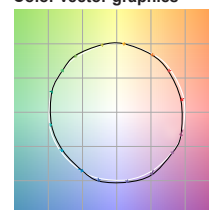**Output: 397 Lumen   Peak intensity: 15585 cd   Power consumption: 6.7**

CRI R values
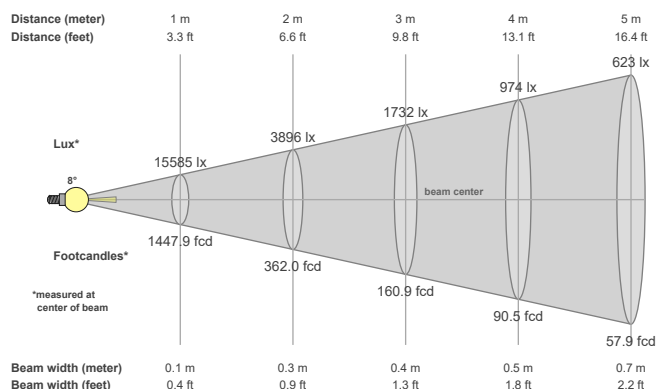

TM30 C Values

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	91.5	59.4	91.4	99.6	91.0	0.437	0.404	0.246	0.349	0.0033

Beam details

Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
7.7°	12.8°	21.3°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
15585 cd	98.7%	98.4%

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
15585lx	3896lx	1732lx	974lx	623lx	433lx	318lx	244lx	192lx	156lx	129lx	108lx	92lx	80lx	69lx	61lx	54lx	48lx	43lx	39lx
1447.9fcd	362fcd	160.9fcd	90.5fcd	57.9fcd	40.2fcd	29.5fcd	22.6fcd	17.9fcd	14.5fcd	12fcd	10.1fcd	8.6fcd	7.4fcd	6.4fcd	5.7fcd	5fcd	4.5fcd	4fcd	3.6fcd

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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 = 0.9
4000K = 1.08