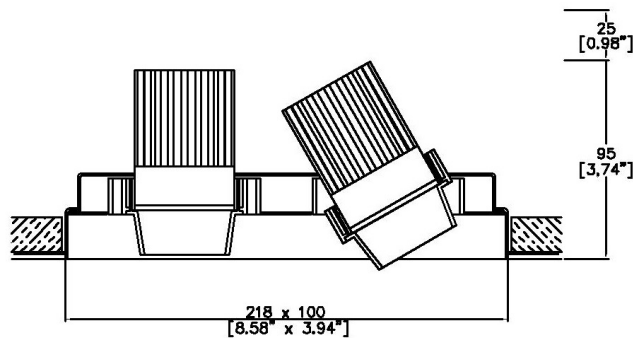# ProSpex Gimbal Mini Twin

218 x 100mm (8.58" x 3.94") overall trimless dimension.
Available with standard trim kit or plaster-in kit for flush
appearance. Family of matching products also
available. Required depth height + 25mm^

216/2-LED-TL
Cut-out 224 x 108mm

LED Source	LED51SS
CCT	3000K
Drive Current	500mA
Power inc Driver	6.75W
Beam Angle	7°
Delivered Lumens	407
Delivered Intensisty cd	16255
Efficacy lm/w	60
Forward Volt	11.5V
CRI	≥90 CRI

Project Ref: _____   Location Ref: _____

Fixture Order Code:

| 216/2-LED-TL | — | ☐ | — | ☐ | — | ☐ | — | ☐ |

Fixture
216/2-LED-TL   Gimbal Mini Twin Trimless with LED51

Gimbal Finish
WH   White
BK   Black
RAL   Custom RAL Colour*

Coverplate Finish
WH   White
BK   Black
RAL   Custom RAL Colour*

Trimless Kit Finish
WH   White
BK   Black
RAL   Custom RAL Colour*

Emergency
E   Maintained 3hr Emergency
ED   Maintained 3hr DALI Self Test
ES   Maintained 3hr Self Test

....

LED Order Code:

| LED51SS | — | ☐ | — | ☐ | — | ☐ |

LED
LED51SS   LED51 SuperSpot

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

Beam
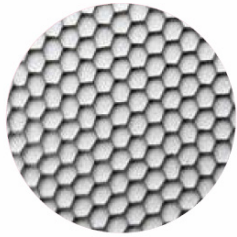7   7°

Protocol
S   Non-Dim
A   Analogue (0-10v)
P   Phase
D   DALI
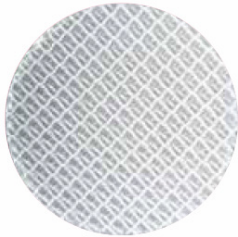B   Bluetooth**

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.

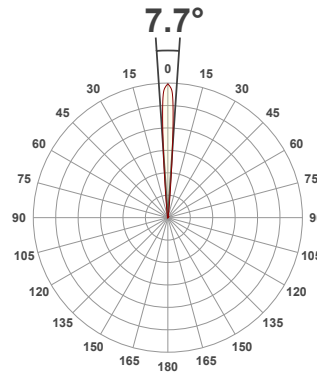Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

lucent®

Light efficiency:

> 60 Lumen/Watt

Light quality:

> CRI: 91.8

Color temperature:

> 3000 K

7.7°

Product name:
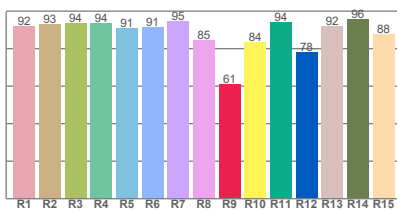**Gimbal Mini Element - LED51 SuperSpot, 3000K, 7°, 500mA**
Item number:
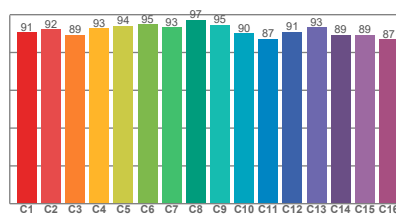**Gimbal Mini Element - LED51SS-30-7-500mA**

Delivered information for above fixture and LED combination.

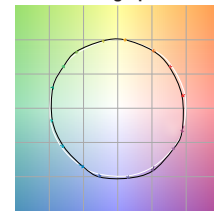**Output: 407 Lumen   Peak intensity: 16255 cd   Power consumption: 6.7**
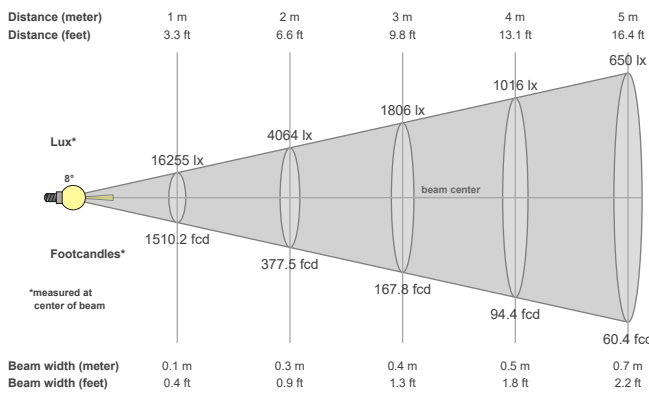
CRI R values

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92	93	94	94	91	91	95	85	61	84	94	78	92	96	88

TM30 C Values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91	92	89	93	94	95	93	97	95	90	87	91	93	89	89	87

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	91.8	61.0	91.6	99.7	91.3	0.437	0.404	0.245	0.349	0.0032

Beam details

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

650 lx
1016 lx
1806 lx
4064 lx
16255 lx

Lux*

beam center

8°

1510.2 fcd
377.5 fcd
167.8 fcd
94.4 fcd
60.4 fcd

Footcandles*

*measured at center of beam

Beam width (meter)	0.1 m	0.3 m	0.4 m	0.5 m	0.7 m
Beam width (feet)	0.4 ft	0.9 ft	1.3 ft	1.8 ft	2.2 ft

Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
7.7°	12.8°	20.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
16255 cd	99.5%	99.2%

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
16255lx	4064lx	1806lx	1016lx	650lx	452lx	332lx	254lx	201lx	163lx	134lx	113lx	96lx	83lx	72lx	63lx	56lx	50lx	45lx	41lx
1510.2fcd	377.5fcd	167.8fcd	94.4fcd	60.4fcd	41.9fcd	30.8fcd	23.6fcd	18.6fcd	15.1fcd	12.5fcd	10.5fcd	8.9fcd	7.7fcd	6.7fcd	5.9fcd	5.2fcd	4.7fcd	4.2fcd	3.8fcd

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