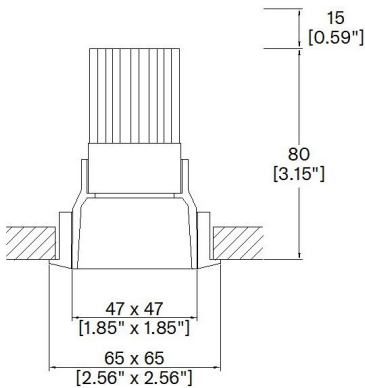


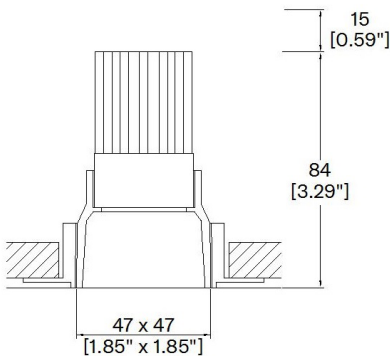
ProSpex Soft Square50 Fixed



65 x 65mm (2.56" x 2.56") overall trim dimension.
47 x 47mm (1.85" x 1.85") overall trimless dimention.
Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 15mm^



050-LED-TR-SQ
Cut-out 61 x 61mm



050-LED-TL-SQ
Cut-out 61 x 61mm

LED Source	LED35/2	LED35/2	LED35/2
CCT	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA
Power inc Driver	7.4W	7.4W	7.4W
Beam Angle	15°	24°	36°
Delivered Lumens	537	505	497
Delivered Intensisty cd	3589	2162	1271
Efficacy lm/w	73	68	67
Forward Volt	18V	18V	18V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____

Location Ref: _____

Fixture Order Code:

050-LED

 - -

SQ

 - - - -

Fixture

050-LED

Soft Square50 Fixed with LED35 GEN2

Installation

TR
TL

Trim
Trimless

Body Finish

WH
BK
RAL

White
Black
Custom RAL Colour*

Trim Finish (Leave blank if trimless)

WH
BK
RAL

White
Black
Custom RAL Colour*

IP Rating

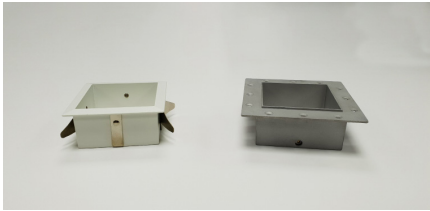
44

IP44

Emergency

E
ED
ES

Maintained 3hr Emergency
Maintained 3hr DALI Self Test
Maintained 3hr Self Test



LED Order Code:

LED35/2

 - - -

LED

LED35/2

LED35 GEN2

CCT

927
930
940

90 CRI 2700K
90 CRI 3000K
90 CRI 4000K

Beam

15
24
36

15°
24°
36°

Protocol

S
A
P
D
B

Non-Dim
Analogue (0-10v)
Phase
DALI
Bluetooth**



Honeycomb Louvre



Diffusing Lens



Frosted Lens



Heavy Spread Lens



Linear Spread Lens



Warm Tone

Accessories Order Code:

Louvre/Lens

- LS45 Honeycomb Louvre
- LSCC Warm Tone Lens
- LSUV UV Lens
- LSDF Diffusing Lens
- LSFR Frosted Lens
- LSLS Linear Spread Lens
- LSHS 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 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:

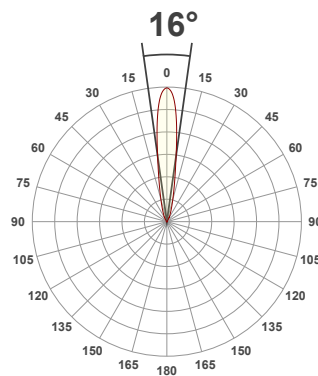
73 Lumen/Watt

Light quality:

CRI: 92.8

Color temperature:

3000 K



Product name:

Soft 50 Square Fixed - LED35
GEN2, 3000K, 15°, 350mA

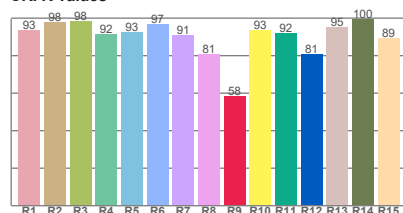
Item number:

050-SQ-LED35/2-30-15-350mA

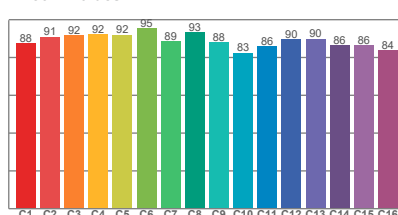
Delivered information for above
fixture and LED combination.

Output: 537 Lumen Peak intensity: 3589 cd Power consumption: 7.4

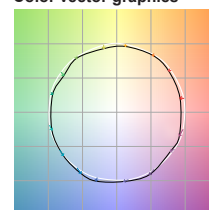
CRI R values



TM30 C Values

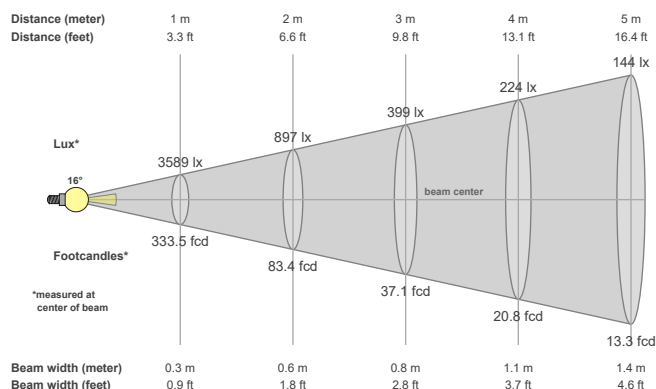


Color vector graphics



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	92.8	58.5	89.2	96.7	90.5	0.437	0.404	0.249	0.347	-0.0004

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
16°	38.8°	62.3°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3589 cd	97.8%	96.0%

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
3589lx	897lx	399lx	224lx	144lx	100lx	73lx	56lx	44lx	36lx	30lx	25lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx
333.5fcd	83.4fcd	37.1fcd	20.8fcd	13.3fcd	9.3fcd	6.8fcd	5.2fcd	4.1fcd	3.3fcd	2.8fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1fcd	0.9fcd	0.8fcd

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 = 0.941

4000K = 1.065

Light efficiency:

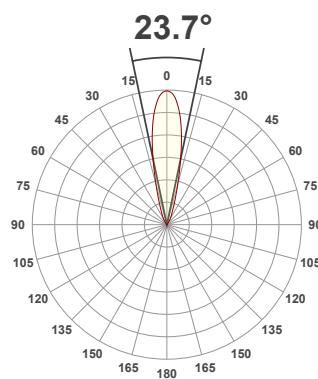
68 Lumen/Watt

Light quality:

CRI: 92.6

Color temperature:

3000 K



Product name:

Soft 50 Square Fixed - LED35
GEN2, 3000K, 24°, 350mA

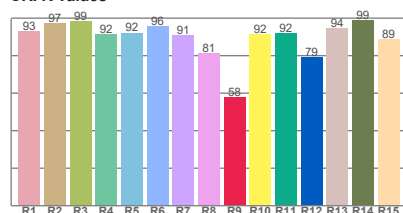
Item number:

050-SQ-LED35/2-30-24-350mA

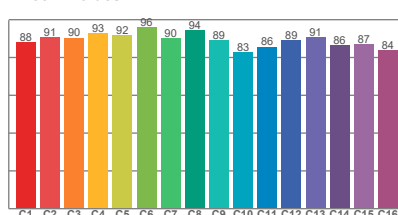
Delivered information for above
fixture and LED combination.

Output: 505 Lumen Peak intensity: 2162 cd Power consumption: 7.4

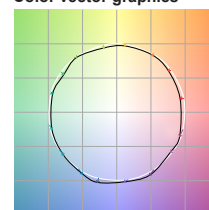
CRI R values



TM30 C Values

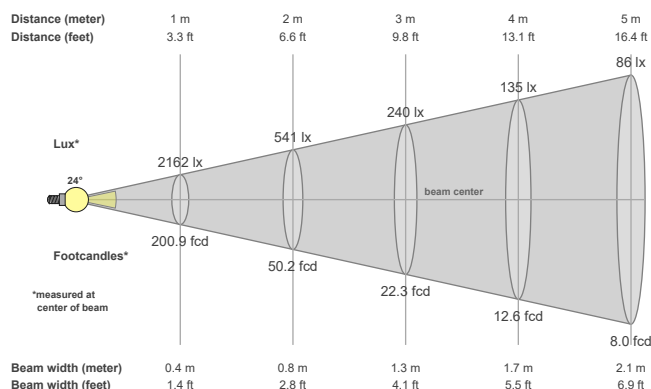


Color vector graphics



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	92.6	58.1	89.3	97.4	90.3	0.437	0.404	0.249	0.346	-0.0005

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
23.7°	46.7°	66.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2162 cd	97.7%	95.7%

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
2162lx	541lx	240lx	135lx	86lx	60lx	44lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
200.9fcd	50.2fcd	22.3fcd	12.6fcd	8fcd	5.6fcd	4.1fcd	3.1fcd	2.5fcd	2fcd	1.7fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd

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 = 0.941
4000K = 1.065

Light efficiency:

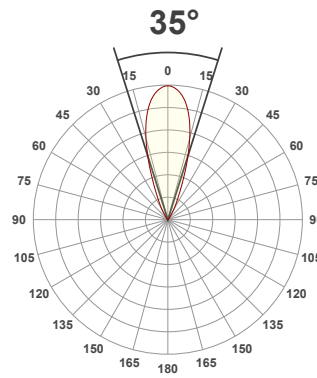
67 Lumen/Watt

Light quality:

CRI: 92.6

Color temperature:

3000 K



Product name:

Soft 50 Square Fixed - LED35 GEN2, 3000K, 36°, 350mA

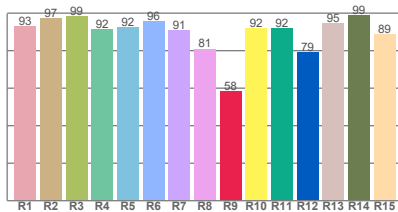
Item number:

050-SQ-LED35/2-30-36-350mA

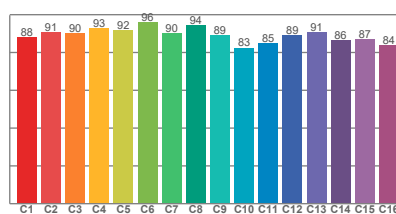
Delivered information for above fixture and LED combination.

Output: 497 Lumen Peak intensity: 1271 cd Power consumption: 7.4

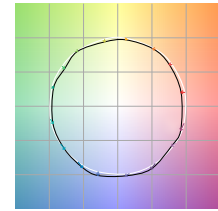
CRI R values



TM30 C Values

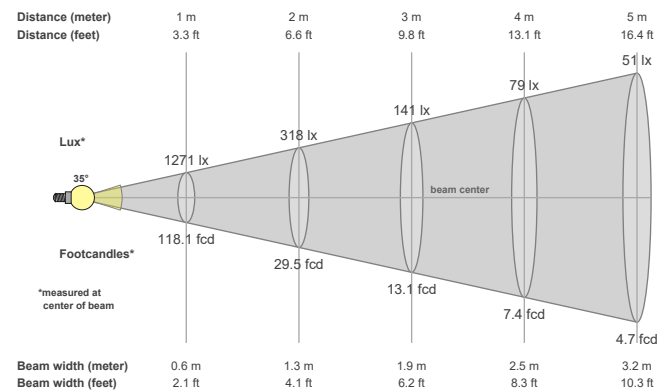


Color vector graphics



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	92.6	58.3	89.2	97.5	90.2	0.437	0.404	0.250	0.346	-0.0008

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
35°	58.6°	72.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1271 cd	97.4%	95.1%

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
1271lx	318lx	141lx	79lx	51lx	35lx	26lx	20lx	16lx	13lx	11lx	9lx	8lx	6lx	6lx	5lx	4lx	4lx	4lx	3lx
118.1fcd	29.5fcd	13.1fcd	7.4fcd	4.7fcd	3.3fcd	2.4fcd	1.8fcd	1.5fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	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 = 0.941

4000K = 1.065