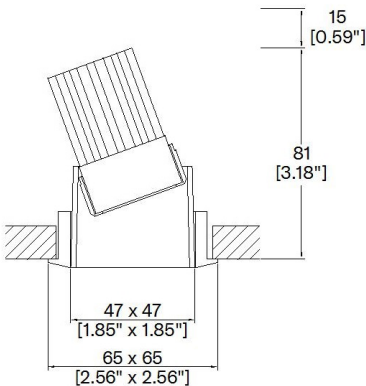


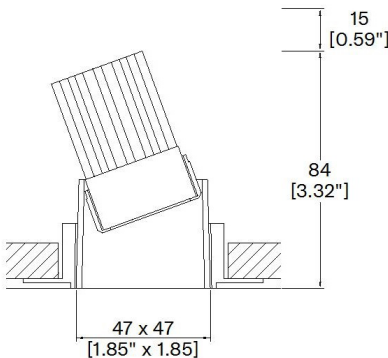
ProSpex Soft Square50 Accent



65 x 65mm (2.56" x 2.56") overall trim dimension.
47 x 47mm (1.85" x 1.85") overall trimless dimension.
360° rotation. Up to 20° tilt. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also



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



053-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	560	536	514
Delivered Intensisty cd	3729	2252	1297
Efficacy lm/w	76	72	69
Forward Volt	18V	18V	18V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code:

053-LED

 - -

SQ

 - - -

Fixture

053-LED

Soft Square50 Accent 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*

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 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:

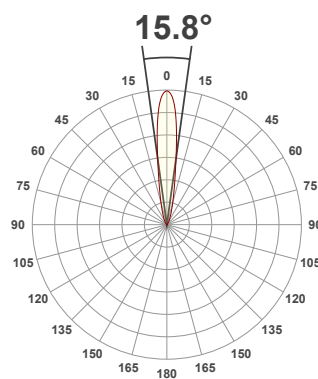
76 Lumen/Watt

Light quality:

CRI: 92.8

Color temperature:

3000 K



Product name:

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

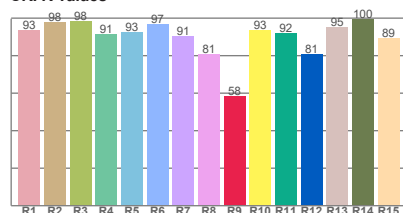
Item number:

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

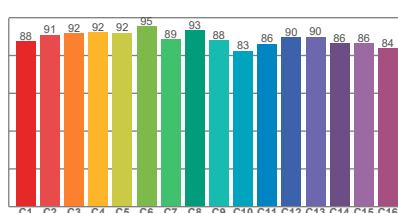
Delivered information for above fixture and LED combination.

Output: 560 Lumen Peak intensity: 3729 cd Power consumption: 7.4

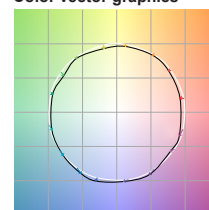
CRI R values



TM30 C Values

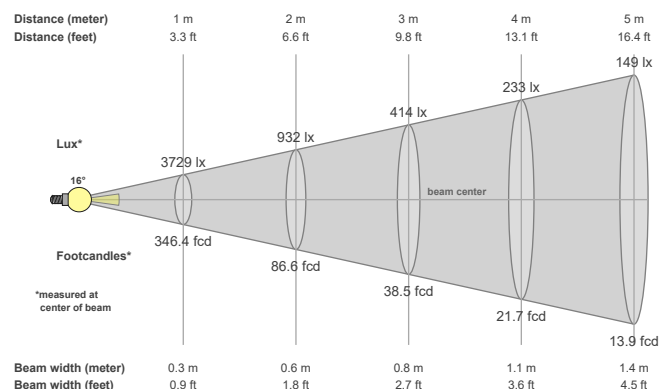


Color vector graphics



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	92.8	58.5	89.2	96.6	90.5	0.437	0.404	0.249	0.347	-0.0005

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
15.8°	38.3°	64.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3729 cd	98.4%	96.9%

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
3729lx	932lx	414lx	233lx	149lx	104lx	76lx	58lx	46lx	37lx	31lx	26lx	22lx	19lx	17lx	15lx	13lx	12lx	10lx	9lx
346.4fcd	86.6fcd	38.5fcd	21.7fcd	13.9fcd	9.6fcd	7.1fcd	5.4fcd	4.3fcd	3.5fcd	2.9fcd	2.4fcd	2fcd	1.8fcd	1.5fcd	1.4fcd	1.2fcd	1.1fcd	1fcd	0.9fcd

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:

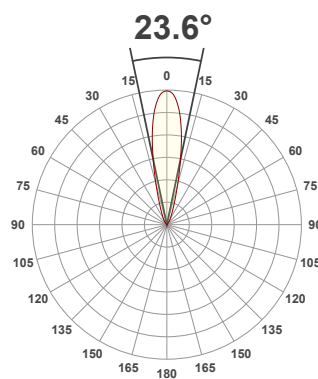
72 Lumen/Watt

Light quality:

CRI: 92.6

Color temperature:

3000 K



Product name:

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

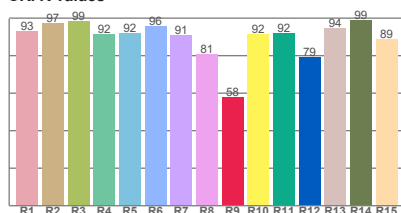
Item number:

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

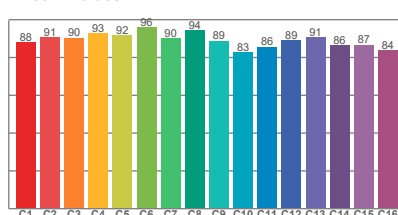
Delivered information for above
fixture and LED combination.

Output: 536 Lumen Peak intensity: 2252 cd Power consumption: 7.4

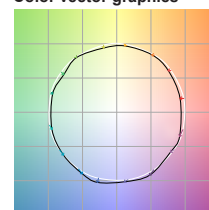
CRI R values



TM30 C Values

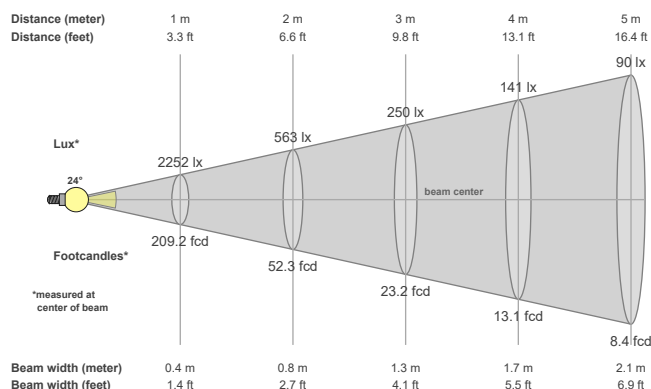


Color vector graphics



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	58.0	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%
23.6°	46.6°	73.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2252 cd	98.1%	96.4%

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
2252lx	563lx	250lx	141lx	90lx	63lx	46lx	35lx	28lx	23lx	19lx	16lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	6lx
209.2fc	52.3fcd	23.2fcd	13.1fcd	8.4fcd	5.8fcd	4.3fcd	3.3fcd	2.6fcd	2.1fcd	1.7fcd	1.5fcd	1.2fcd	1.1fcd	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:

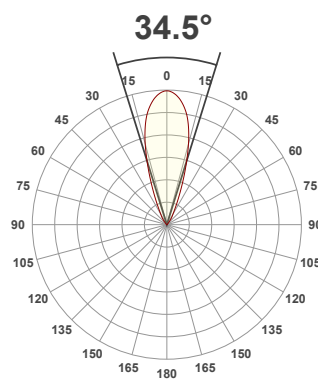
69 Lumen/Watt

Light quality:

CRI: 92.6

Color temperature:

3000 K



Product name:

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

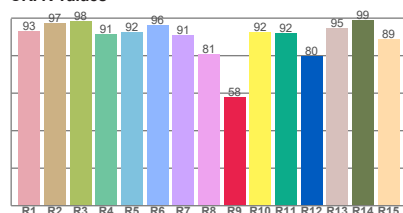
Item number:

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

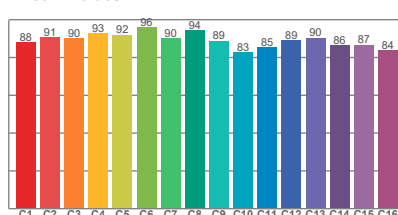
Delivered information for above fixture and LED combination.

Output: 514 Lumen Peak intensity: 1297 cd Power consumption: 7.4

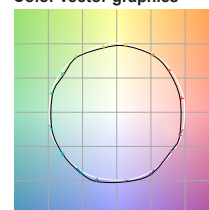
CRI R values



TM30 C Values

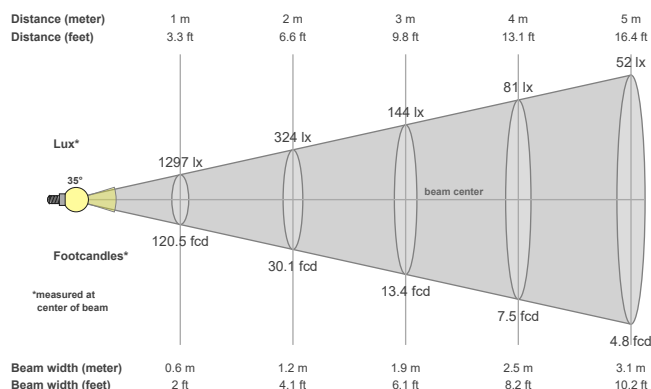


Color vector graphics



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	58.0	89.2	97.4	90.2	0.437	0.404	0.250	0.346	-0.0010

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
34.5°	58.7°	79.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1297 cd	98.2%	96.4%

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
1297lx	324lx	144lx	81lx	52lx	36lx	26lx	20lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	4lx	4lx	4lx	3lx
120.5fcd	30.1fcd	13.4fcd	7.5fcd	4.8fcd	3.3fcd	2.5fcd	1.9fcd	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