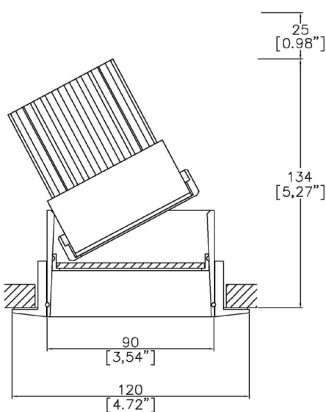




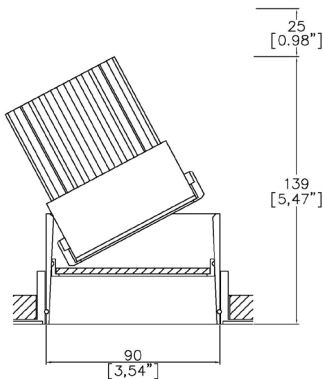
ProSpex Soft90 Accent



120mm (4.72") overall trim diameter. 90mm (3.54") overall trimless diameter. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 25mm ^



093-LED-TR-65
Cut-out 105mm Ø



093-LED-TL-65
Cut-out 102mm Ø

LED Source	LED71/U	LED71/U	LED71/U
CCT	3000K	3000K	3000K
Drive Current	700mA	700mA	700mA
Power inc Driver	27W	27W	27W
Beam Angle	12°	19°	34°
Delivered Lumens	1536	1353	1398
Delivered Intensisty cd	19727	9792	3433
Efficacy lm/w	57	50	52
Forward Volt	33V	33V	33V
CRI	≥98 CRI	≥98 CRI	≥98 CRI

Project Ref: _____

Location Ref: _____

Fixture Order Code:

093-LED

 - - - -

65

 -

Fixture

093-LED

Soft90 Accent with LED71

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

65

IP65

Emergency

E

ED

ES

Maintained 3hr Emergency

Maintained 3hr DALI Self Test

Maintained 3hr Self Test



LED Order Code:

LED71/U

 - - -

LED

LED71/U

LED70 ONE ULTRA

CCT

927

930

90 CRI 2700K

90 CRI 3000K

Beam

12

19

34

12°

19°

34°

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

- MD45 Honeycomb Louvre
- MDCC Warm Tone Lens
- MDUV UV Lens
- MDDF Diffusing Lens
- MDFR Frosted Lens
- MDLS Linear Spread Lens
- MDHS 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:

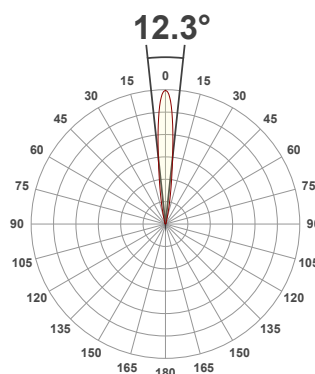
57 Lumen/Watt

Light quality:

CRI: 98.4

Color temperature:

3000 K



Product name:

093-LED - LED71_U-30-12-700mA

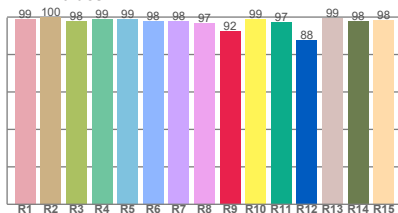
Item number:

Soft90 Accent - LED71/U-30-12-700mA

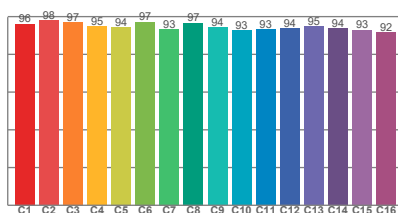
Delivered information for above fixture and LED combination.

Output: 1536 Lumen Peak intensity: 19727 cd Power consumption: 27.0

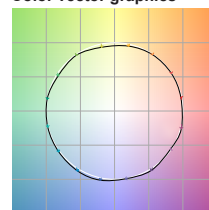
CRI R values



TM30 C Values

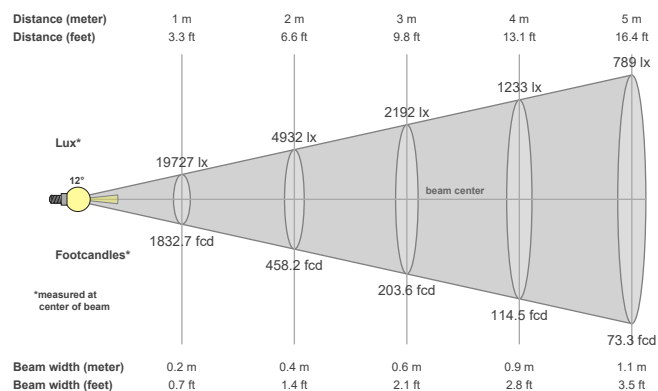


Color vector graphics



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	98.4	92.3	94.8	99.4	95.9	0.437	0.404	0.249	0.348	0.0008

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
12.3°	25°	37.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
19727 cd	98.6%	96.2%

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
19727lx	4932lx	2192lx	1233lx	789lx	548lx	403lx	308lx	244lx	197lx	163lx	137lx	117lx	101lx	88lx	77lx	68lx	61lx	55lx	49lx
1832.7fcd	458.2fcd	203.6fcd	114.5fcd	73.3fcd	50.9fcd	37.4fcd	28.6fcd	22.6fcd	18.3fcd	15.1fcd	12.7fcd	10.8fcd	9.4fcd	8.1fcd	7.2fcd	6.3fcd	5.7fcd	5.1fcd	4.6fcd

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:

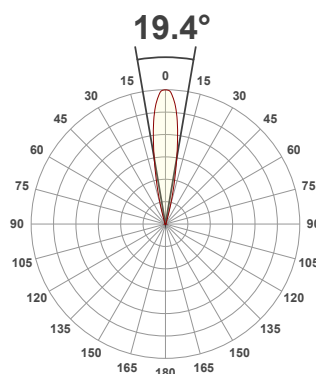
50 Lumen/Watt

Light quality:

CRI: 98.4

Color temperature:

3000 K



Product name:

093-LED - LED71_U-30-19-700mA

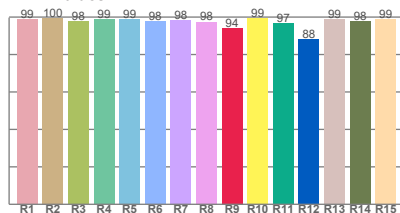
Item number:

**Soft90 Accent -
LED71/U-30-19-700mA**

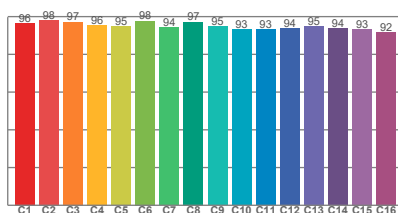
**Delivered information for above
fixture and LED combination.**

Output: 1353 Lumen Peak intensity: 9792 cd Power consumption: 27.0

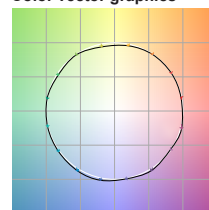
CRI R values



TM30 C Values

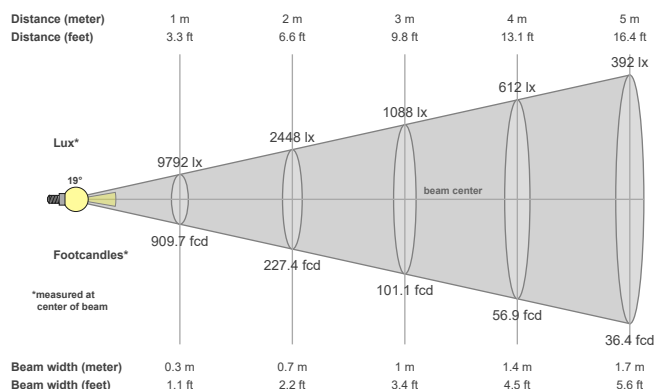


Color vector graphics



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	98.4	94.1	95.2	100.0	96.3	0.437	0.404	0.249	0.347	0.0002

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
19.4°	32.4°	43.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
9792 cd	98.0%	95.4%

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
9792lx	2448lx	1088lx	612lx	392lx	272lx	200lx	153lx	121lx	98lx	81lx	68lx	58lx	50lx	44lx	38lx	34lx	30lx	27lx	24lx
909.7fcd	227.4fcd	101.1fcd	56.9fcd	36.4fcd	25.3fcd	18.6fcd	14.2fcd	11.2fcd	9.1fcd	7.5fcd	6.3fcd	5.4fcd	4.6fcd	4fcd	3.6fcd	3.1fcd	2.8fcd	2.5fcd	2.3fcd

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:

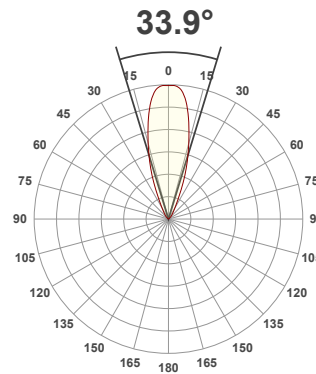
52 Lumen/Watt

Light quality:

CRI: 97.1

Color temperature:

3000 K



Product name:

093-LED - LED71_U-30-34-700mA

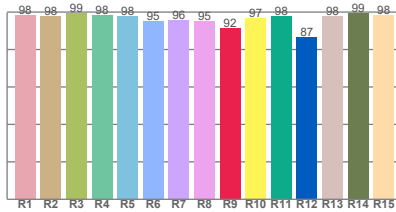
Item number:

**Soft90 Accent - LED71/
U-30-34-700mA**

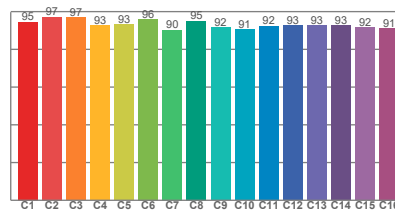
**Delivered information for above
fixture and LED combination.**

Output: 1398 Lumen Peak intensity: 3433 cd Power consumption: 27.0

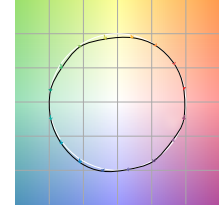
CRI R values



TM30 C Values

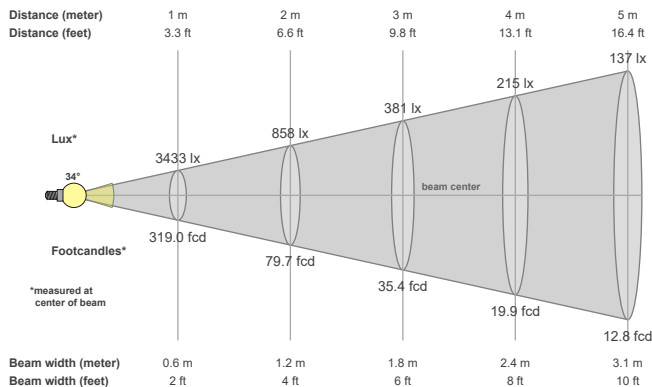


Color vector graphics



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	97.1	91.5	93.4	98.6	95.3	0.437	0.404	0.250	0.346	-0.0009

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
33.9°	59.4°	89.4°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3433 cd	98.6%	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
3433lx	858lx	381lx	215lx	137lx	95lx	70lx	54lx	42lx	34lx	28lx	24lx	20lx	18lx	15lx	13lx	12lx	11lx	10lx	9lx
319fcd	79.7fcd	35.4fcd	19.9fcd	12.8fcd	8.9fcd	6.5fcd	5fcd	3.9fcd	3.2fcd	2.6fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1.1fcd	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 = 1