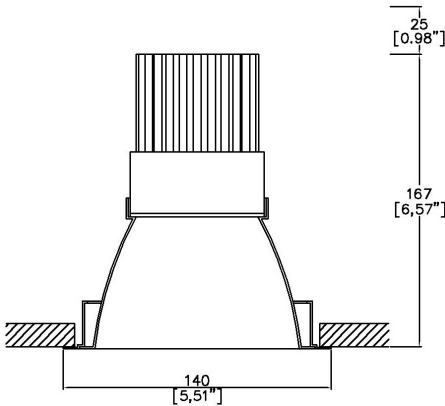


ProSpex 140 Fixed



140mm (5.51”) overall diameter. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Required depth height + 25mm^



140-LED

LED Source	LED71	LED71	LED71
CCT	3000K	3000K	3000K
Drive Current	700mA	700mA	700mA
Power inc Driver	27W	27W	27W
Beam Angle	12°	19°	34°
Delivered Lumens	1861	1593	1622
Delivered Intensisty cd	24755	10849	4566
Efficacy lm/w	69	59	60
Forward Volt	33V	33V	33V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code:

140-LED

 - - - -

Fixture

140-LED

Reflector140 Fixed with LED71

Reflector Finish

PS
SS
CG
BK
WH

Polished Silver
Satin Silver
Champagne Gold
Black
White

Trim Finish

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:

LED71

 - - -

LED

LED71

LED70 ONE

CCT

927
930
940

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

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 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:

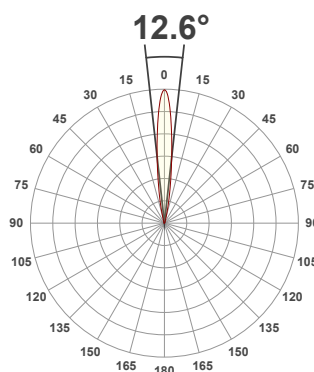
69 Lumen/Watt

Light quality:

CRI: 90.1

Color temperature:

3000 K



Product name:

140-LED-SS - LED71-30-12-700mA

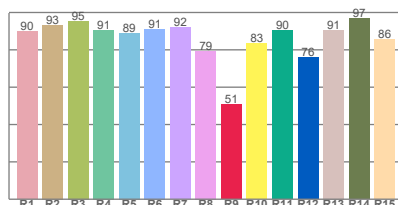
Item number:

ProSpex 140 Fixed - LED71-30-12-700mA

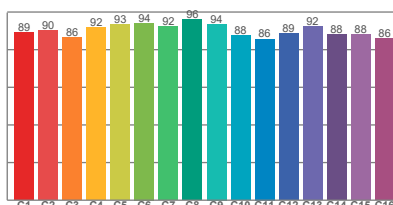
Delivered information for above fixture and LED combination.

Output: 1861 Lumen Peak intensity: 24755 cd Power consumption: 27.0

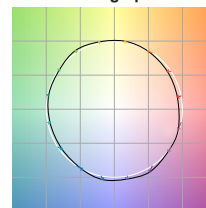
CRI R values



TM30 C Values

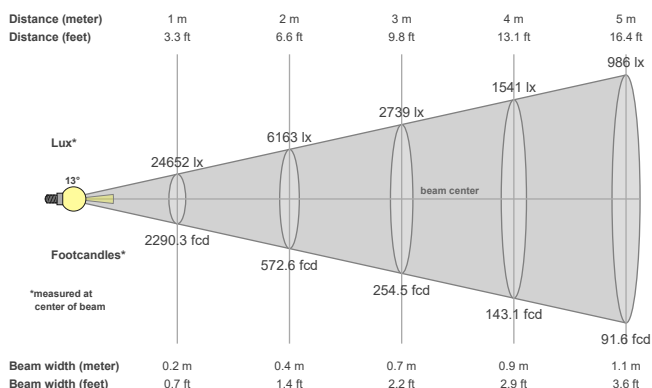


Color vector graphics



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	90.1	50.8	90.2	99.4	88.8	0.437	0.404	0.248	0.348	0.0008

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
12.6°	25.8°	37.1°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
24755 cd	99.1%	98.0%

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
24652lx	6163lx	2739lx	1541lx	986lx	685lx	503lx	385lx	304lx	247lx	204lx	171lx	146lx	126lx	110lx	96lx	85lx	76lx	68lx	62lx
2290.3fcd	572.6fcd	254.5fcd	143.1fcd	91.6fcd	63.6fcd	46.7fcd	35.8fcd	28.3fcd	22.9fcd	18.9fcd	15.9fcd	13.6fcd	11.7fcd	10.2fcd	8.9fcd	7.9fcd	7.1fcd	6.3fcd	5.7fcd

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
4000K = 1.084

Light efficiency:

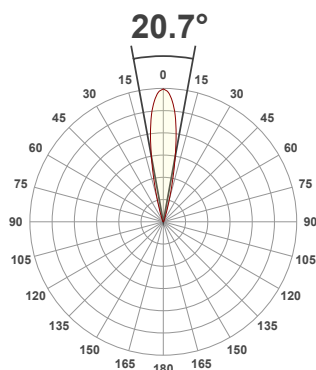
59 Lumen/Watt

Light quality:

CRI: 90.3

Color temperature:

3000 K



Product name:

**140-LED-SS -
LED71-30-19-700mA**

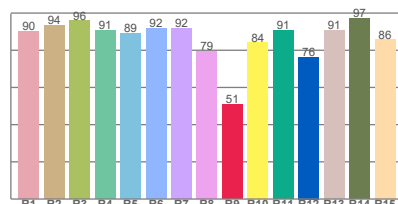
Item number:

**ProSpex 140 Fixed -
LED71-30-19-700mA**

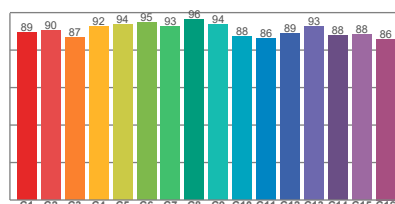
**Delivered information for above
fixture and LED combination.**

Output: 1593 Lumen Peak intensity: 10849 cd Power consumption: 27.0

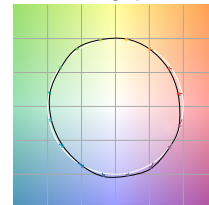
CRI R values



TM30 C Values

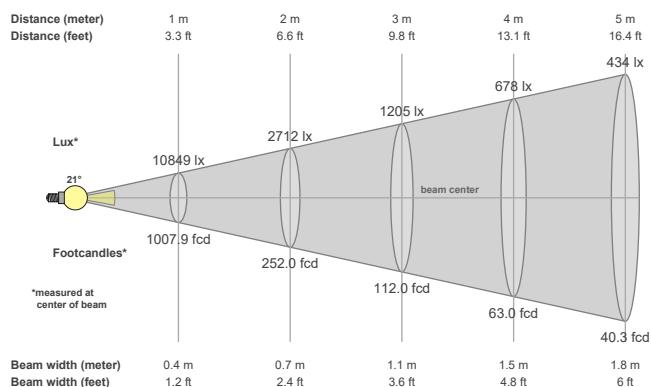


Color vector graphics



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	90.3	51.1	90.4	99.2	89.0	0.437	0.404	0.249	0.348	0.0008

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
20.7°	34.6°	48.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
10849 cd	99.5%	98.6%

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
10849lx	2712lx	1205lx	678lx	434lx	301lx	221lx	170lx	134lx	108lx	90lx	75lx	64lx	55lx	48lx	42lx	38lx	33lx	30lx	27lx
1007.9fcd	252fcd	112fcd	63fcd	40.3fcd	28fcd	20.6fcd	15.7fcd	12.4fcd	10.1fcd	8.3fcd	7fcd	6fcd	5.1fcd	4.5fcd	3.9fcd	3.5fcd	3.1fcd	2.8fcd	2.5fcd

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 = 1

4000K = 1.084

Light efficiency:

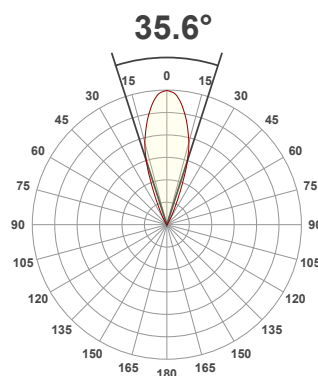
60 Lumen/Watt

Light quality:

CRI: 89.9

Color temperature:

3000 K



Product name:

**140-LED-SS -
LED71-30-34-700mA**

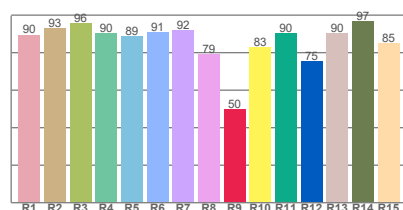
Item number:

**ProSpex 140 Fixed -
LED71-30-34-700mA**

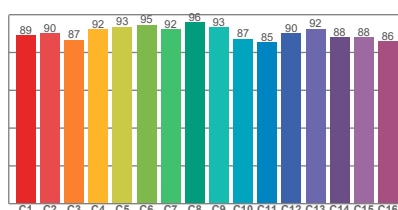
**Delivered information for above
fixture and LED combination.**

Output: 1622 Lumen Peak intensity: 4566 cd Power consumption: 27.0

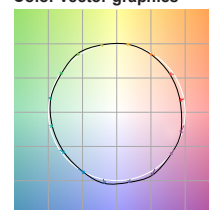
CRI R values



TM30 C Values

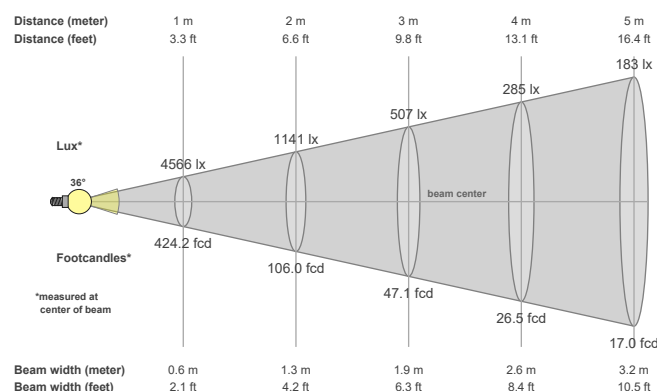


Color vector graphics



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	89.9	49.8	90.2	99.2	88.7	0.437	0.404	0.248	0.348	0.0011

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
35.6°	53.8°	68.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
4566 cd	99.3%	98.0%

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
4566lx	1141lx	507lx	285lx	183lx	127lx	93lx	71lx	56lx	46lx	38lx	32lx	27lx	23lx	20lx	18lx	16lx	14lx	13lx	11lx
424.2fcd	106fcd	47.1fcd	26.5fcd	17fcd	11.8fcd	8.7fcd	6.6fcd	5.2fcd	4.2fcd	3.5fcd	2.9fcd	2.5fcd	2.2fcd	1.9fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1.1fcd

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
4000K = 1.084