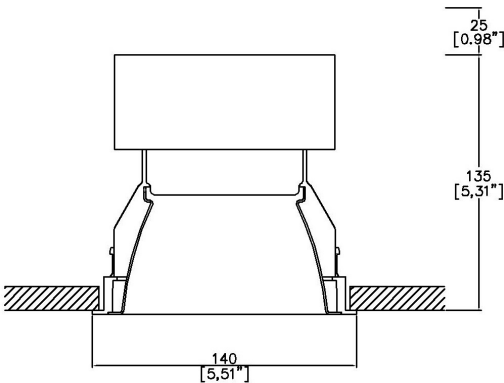


ProSpex Performance140 Fixed



140mm (5.51") overall diameter dark light fixed downlight fixture. Supplied as standard with semi-specular silver reflector and white die-cast trim. Pattress provided for soft tile or metal ceiling installation. Suitable for installation into plasterboard ceiling upto 25mm thick. Required depth = height + 25mm^



PP1400  
Cut out Ø133mm  
Weight: 0.89kg

LED Source	COB	COB	COB	COB
CCT	3000K	3000K	3000K	3000K
Drive Current	1200mA	1200mA	1200mA	1200mA
Power inc Driver	48W	48W	48W	48W
Beam Angle	19°	27°	35°	53°
Delivered Lumens	4377	4347	4252	4142
Delivered Intensisty cd	24872	16756	11027	5534
Efficacy lm/w	91	91	89	86
Forward Volt	34.6V	34.6V	34.6V	34.6V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: \_\_\_\_\_

Location Ref: \_\_\_\_\_

Fixture Order Code: 

PP1400

 -  -  -  - 

SSS

 -

Fixture

PP1400

Performance140 Fixed

CCT

27

30

35

40

2700K

3000K

3500K

4000K

Beam

19

27

35

53

19°

27°

35°

53°

Trim Finish

WH

RAL

White

Custom RAL Colour\*

Reflector Finish

SSS

Semi Specular Silver

Protocol

S

A

D

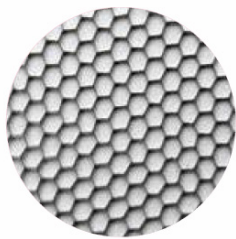
B

Non-Dim

Analogue (0-10V)

DALI

Bluetooth\*\*



Honeycomb Louvre



Diffusing Lens

Accessories Order Code:

Louvre/Lens  
140-ACC-002  
1400-DF

Honeycomb Louvre  
Diffusing 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:

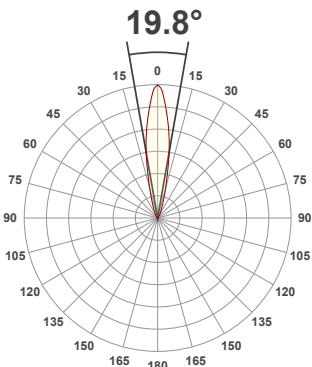
91 Lumen/Watt

Light quality:

CRI: 92.3

Color temperature:

3000 K



Product name:

**ProSpex Performance140 Fixed LED, 3000K, 19°, 1200mA**

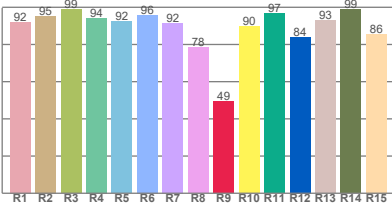
Item number:

**PP1400-30-19-SSS-1200mA**

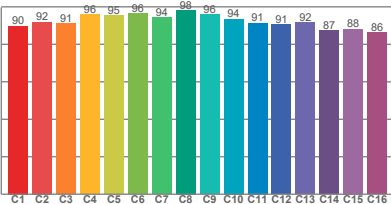
**Delivered information for above fixture and LED combination.**

**Output: 4377 Lumen    Peak intensity: 24872 cd    Power consumption: 48.0**

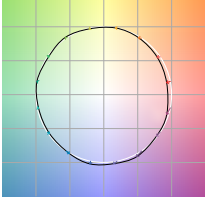
CRI R values



TM30 C Values

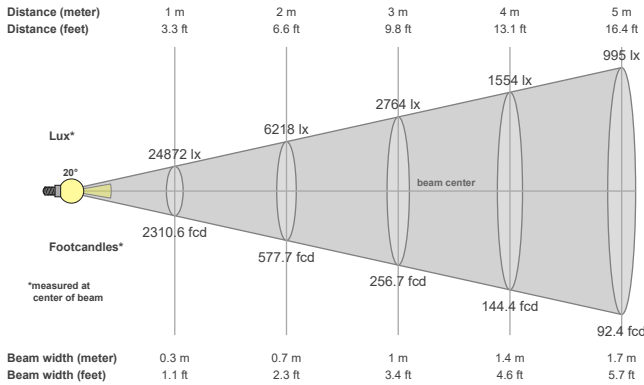


Color vector graphics



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 divlation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	92.3	49.3	92.5	98.7	91.1	0.437	0.404	0.250	0.350	0.0021

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
19.8°	41.5°	65.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
24872 cd	99.6%	99.1%

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
24872lx	6218lx	2764lx	1554lx	995lx	691lx	508lx	389lx	307lx	249lx	206lx	173lx	147lx	127lx	111lx	97lx	86lx	77lx	69lx	62lx
2310.6fcd	577.7fcd	256.7fcd	144.4fcd	92.4fcd	64.2fcd	47.2fcd	36.1fcd	28.5fcd	23.1fcd	19.1fcd	16fcd	13.7fcd	11.8fcd	10.3fcd	9fcd	8fcd	7.1fcd	6.4fcd	5.8fcd

The above information is for 3000K colour temperature.



## Light efficiency:

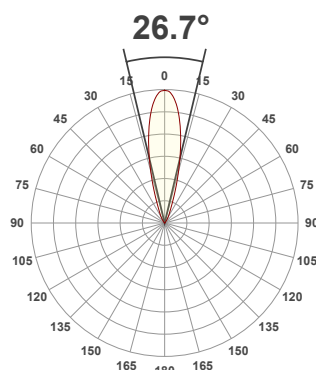
91 Lumen/Watt

## Light quality:

CRI: 92.4

## Color temperature:

3000 K



## Product name:

**ProSpex Performance140 Fixed LED, 3000K, 27°, 1200mA**

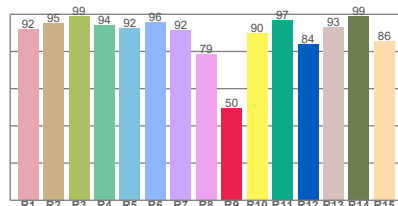
## Item number:

**PP1400-30-27-SSS-1200mA**

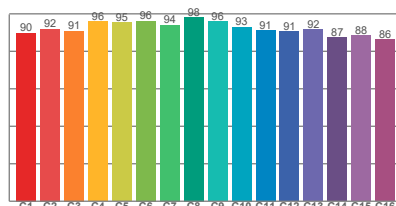
**Delivered information for above fixture and LED combination.**

**Output: 4347 Lumen    Peak intensity: 16756 cd    Power consumption: 48.0**

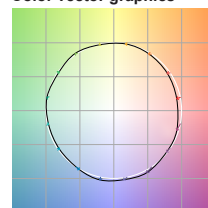
CRI R values



TM30 C Values

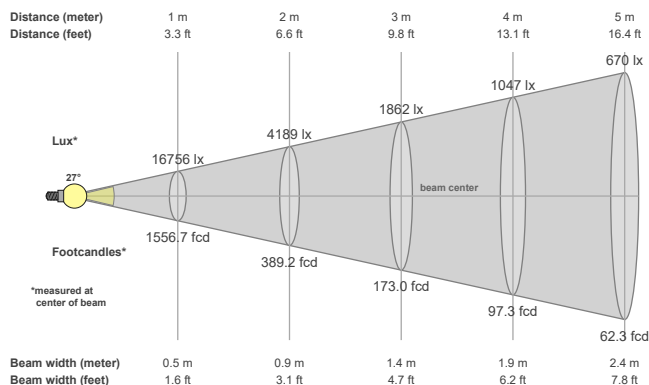


Color vector graphics



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	92.4	49.5	92.5	98.8	91.1	0.437	0.404	0.249	0.349	0.0020

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
26.7°	48.6°	72.1°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
16756 cd	99.6%	99.0%

## 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
16756lx	4189lx	1862lx	1047lx	670lx	465lx	342lx	262lx	207lx	168lx	138lx	116lx	99lx	85lx	74lx	65lx	58lx	52lx	46lx	42lx
1556.7fcd	389.2fcd	173fcd	97.3fcd	62.3fcd	43.2fcd	31.8fcd	24.3fcd	19.2fcd	15.6fcd	12.9fcd	10.8fcd	9.2fcd	7.9fcd	6.9fcd	6.1fcd	5.4fcd	4.8fcd	4.3fcd	3.9fcd

The above information is for 3000K colour temperature.

Light efficiency:

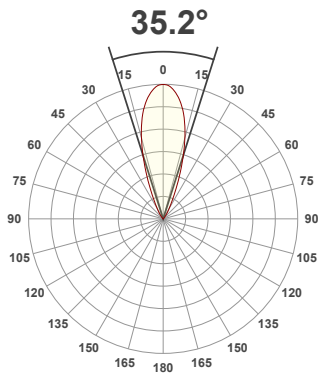
89 Lumen/Watt

Light quality:

CRI: 92.4

Color temperature:

3000 K



Product name:

ProSpex Performance140 Fixed LED, 3000K, 35°, 1200mA

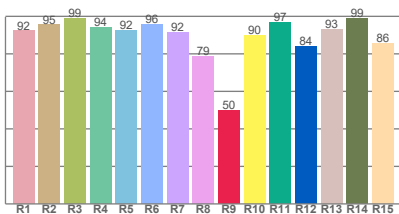
Item number:

PP1400-30-35-SSS-1200mA

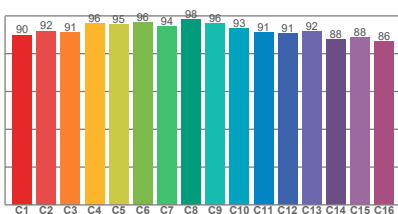
Delivered information for above fixture and LED combination.

Output: 4252 Lumen    Peak intensity: 11027 cd    Power consumption: 48.0

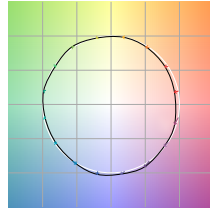
CRI R values



TM30 C Values

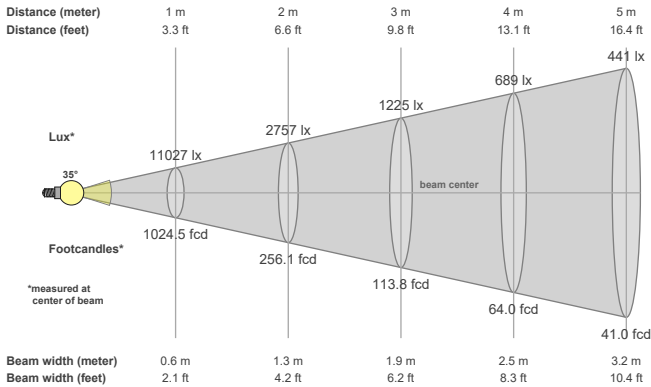


Color vector graphics



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	92.4	49.9	92.6	98.8	91.2	0.437	0.404	0.249	0.349	0.0020

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
35.2°	58.2°	76.4°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
11027 cd	99.0%	98.3%

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
11027lx	2757lx	1225lx	689lx	441lx	306lx	225lx	172lx	136lx	110lx	91lx	77lx	65lx	56lx	49lx	43lx	38lx	34lx	31lx	28lx
1024.5fcd	256.1fcd	113.8fcd	64fcd	41fcd	28.5fcd	20.9fcd	16fcd	12.6fcd	10.2fcd	8.5fcd	7.1fcd	6.1fcd	5.2fcd	4.6fcd	4fcd	3.5fcd	3.2fcd	2.8fcd	2.6fcd

The above information is for 3000K colour temperature.



## Light efficiency:

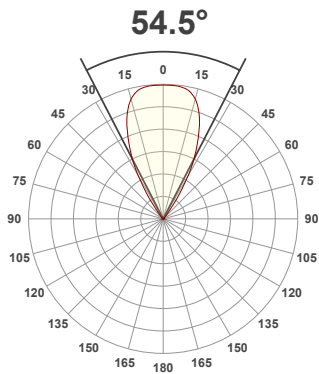
86 Lumen/Watt

## Light quality:

CRI: 92.2

## Color temperature:

3000 K



## Product name:

ProSpex Performance140 Fixed LED, 3000K, 53°, 1200mA

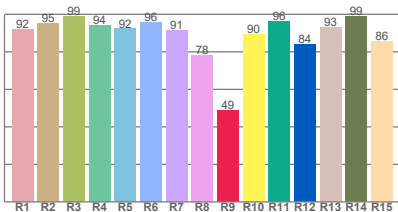
## Item number:

PP1400-30-53-SSS-1200mA

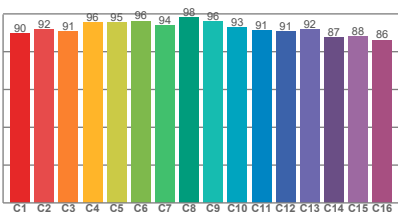
Delivered information for above fixture and LED combination.

Output: 4142 Lumen Peak intensity: 5534 cd Power consumption: 48.0

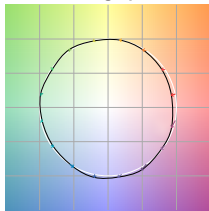
CRI R values



TM30 C Values

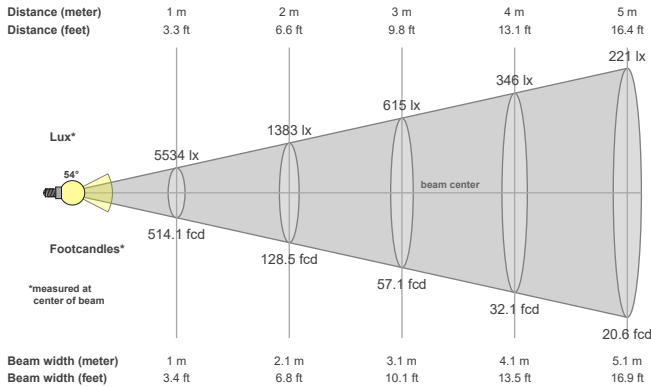


Color vector graphics



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	92.2	48.9	92.4	98.8	91.0	0.437	0.404	0.248	0.349	0.0019

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
54.5°	73.4°	86.1°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
5534 cd	98.7%	97.8%

## 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
5534lx	1383lx	615lx	346lx	221lx	154lx	113lx	86lx	68lx	55lx	46lx	38lx	33lx	28lx	25lx	22lx	19lx	17lx	15lx	14lx
514.1fcd	128.5fcd	57.1fcd	32.1fcd	20.6fcd	14.3fcd	10.5fcd	8fcd	6.3fcd	5.1fcd	4.2fcd	3.6fcd	3fcd	2.6fcd	2.3fcd	2fcd	1.8fcd	1.6fcd	1.4fcd	1.3fcd

The above information is for 3000K colour temperature.