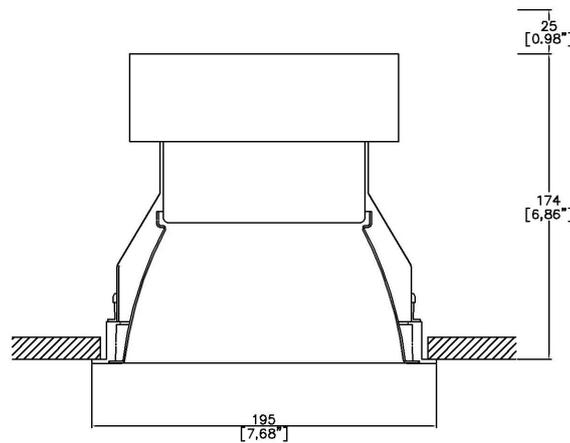


ProSpex Performance195 Fixed



195mm (7.68") 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[^]



PP1950
Cut out Ø185mm
Weight: 1.60kg

LED Source	COB	COB	COB	COB
CCT	3000K	3000K	3000K	3000K
Drive Current	1600mA	1600mA	1600mA	1600mA
Power inc Driver	93.6W	93.6W	93.6W	93.6W
Beam Angle	18°	24°	33°	52°
Delivered Lumens	7619	7684	8193	7835
Delivered Intensisty cd	50373	35636	23538	11212
Efficacy lm/w	81	82	88	84
Forward Volt	49.7V	49.7V	49.7V	49.7V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____

Location Ref: _____

Fixture Order Code: - - - - -

Fixture
PP1950

Performance195 Fixed

CCT

- 27
- 30
- 35
- 40

- 2700K
- 3000K
- 3500K
- 4000K

Beam

- 18
- 24
- 33
- 52

- 18°
- 24°
- 33°
- 52°

Trim Finish

- WH
- RAL

- White
- Custom RAL Colour*

Reflector Finish

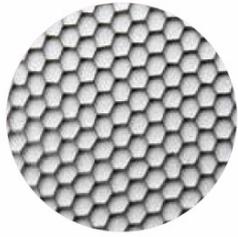
SSS

Semi Specular Silver

Protocol

- S
- A
- D
- B

- Non-Dim
- Analogue (0-10V)
- DALI
- Bluetooth**



Honeycomb Louvre



Diffusing Lens

Accessories Order Code:

Louvre/Lens
190-ACC-002
1950-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 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:

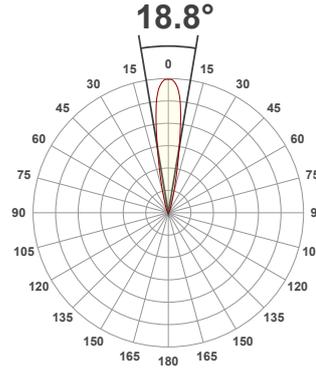
81 Lumen/Watt

Light quality:

CRI: 92.6

Color temperature:

3000 K



Product name:

ProSpex Performance195 Fixed LED, 3000K, 18°, 1600mA

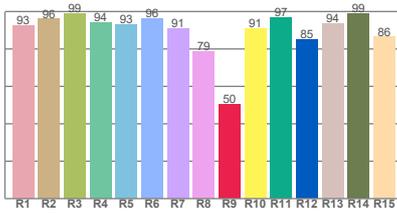
Item number:

PP1950-30-18-SSS-1600mA

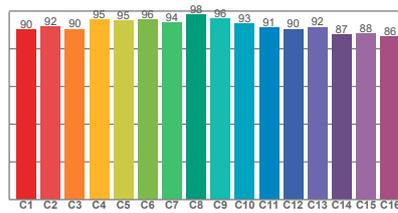
Delivered information for above fixture and LED combination.

Output: 7619 Lumen Peak intensity: 50373 cd Power consumption: 93.6

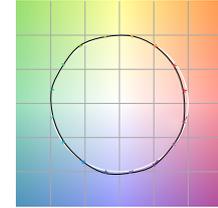
CRI R values



TM30 C Values

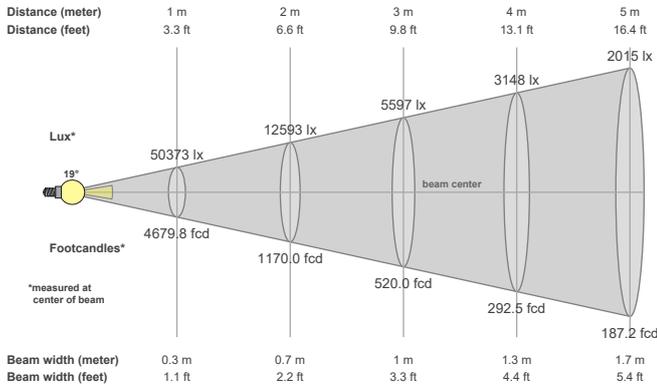


Color vector graphics



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	50.4	92.4	99.4	91.0	0.437	0.404	0.250	0.348	0.0009

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
18.8°	34.9°	60.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
50373 cd	99.3%	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
50373lx	12593lx	5597lx	3148lx	2015lx	1399lx	1028lx	787lx	622lx	504lx	416lx	350lx	298lx	257lx	224lx	197lx	174lx	155lx	140lx	126lx
4679.8fcd	1170fcd	520fcd	292.5fcd	187.2fcd	130fcd	95.5fcd	73.1fcd	57.8fcd	46.8fcd	38.7fcd	32.5fcd	27.7fcd	23.9fcd	20.8fcd	18.3fcd	16.2fcd	14.4fcd	13fcd	11.7fcd

The above information is for 3000K colour temperature.

Light efficiency:

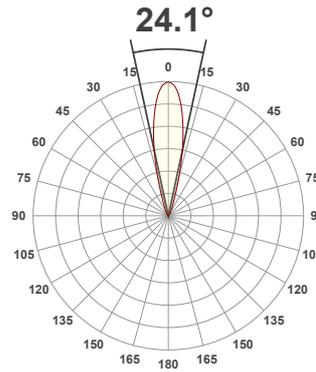
82 Lumen/Watt

Light quality:

CRI: 92.5

Color temperature:

3000 K



Product name:

ProSpex Performance195 Fixed LED, 3000K, 24°, 1600mA

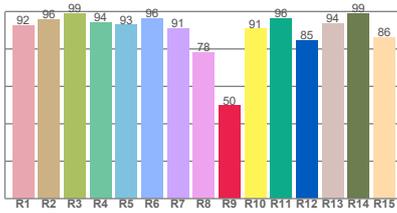
Item number:

PP1950-30-24-SSS-1600mA

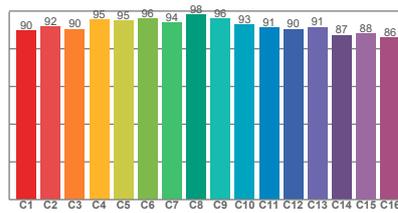
Delivered information for above fixture and LED combination.

Output: 7684 Lumen Peak intensity: 35636 cd Power consumption: 93.6

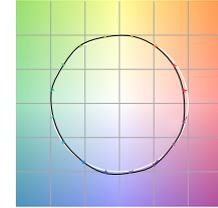
CRI R values



TM30 C Values

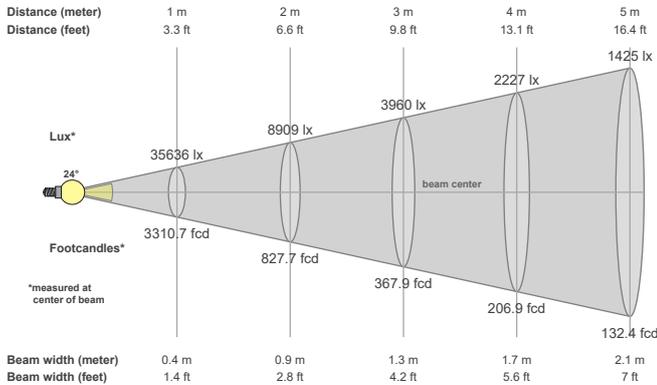


Color vector graphics



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	92.5	49.6	92.3	99.2	90.9	0.437	0.404	0.250	0.348	0.0010

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
24.1°	42.5°	65.4°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
35636 cd	99.1%	97.9%

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
35636lx	8909lx	3960lx	2227lx	1425lx	990lx	727lx	557lx	440lx	356lx	295lx	247lx	211lx	182lx	158lx	139lx	123lx	110lx	99lx	89lx
3310.7fcd	827.7fcd	367.9fcd	206.9fcd	132.4fcd	92fcd	67.6fcd	51.7fcd	40.9fcd	33.1fcd	27.4fcd	23fcd	19.6fcd	16.9fcd	14.7fcd	12.9fcd	11.5fcd	10.2fcd	9.2fcd	8.3fcd

The above information is for 3000K colour temperature.

Light efficiency:

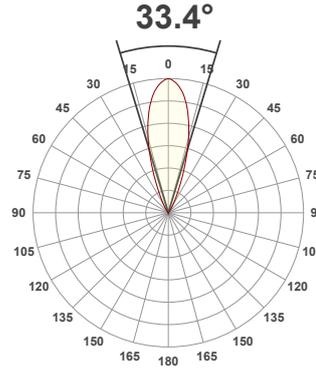
88 Lumen/Watt

Light quality:

CRI: 92.3

Color temperature:

3000 K



Product name:

ProSpex Performance195 Fixed LED, 3000K, 33°, 1600mA

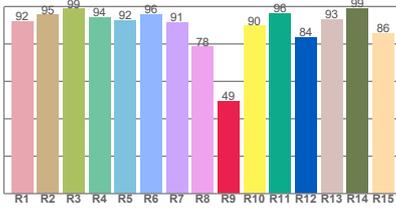
Item number:

PP195-30-33-SSS-1600mA

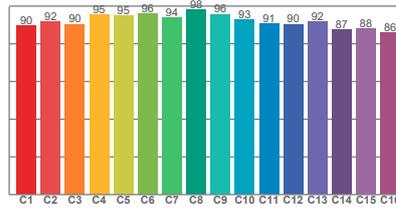
Delivered information for above fixture and LED combination.

Output: 8193 Lumen Peak intensity: 23538 cd Power consumption: 93.6

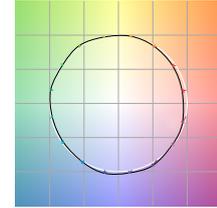
CRI R values



TM30 C Values

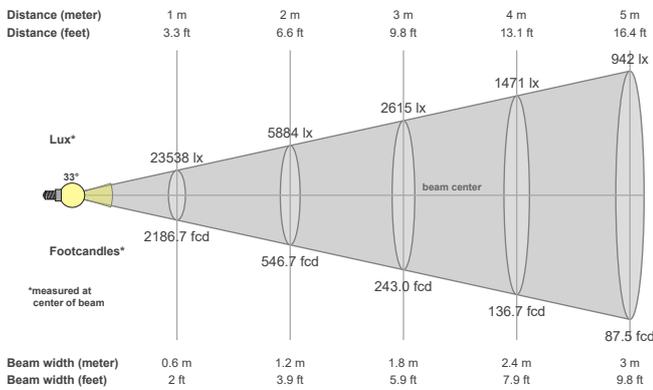


Color vector graphics



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	92.3	49.4	92.3	99.0	90.9	0.437	0.404	0.248	0.348	0.0015

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
33.4°	55.5°	71.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
23538 cd	98.8%	97.9%

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
23538lx	5884lx	2615lx	1471lx	942lx	654lx	480lx	368lx	291lx	235lx	195lx	163lx	139lx	120lx	105lx	92lx	81lx	73lx	65lx	59lx
2186.7fcd	546.7fcd	243fcd	136.7fcd	87.5fcd	60.7fcd	44.6fcd	34.2fcd	27fcd	21.9fcd	18.1fcd	15.2fcd	12.9fcd	11.2fcd	9.7fcd	8.5fcd	7.6fcd	6.7fcd	6.1fcd	5.5fcd

The above information is for 3000K colour temperature.

Light efficiency:

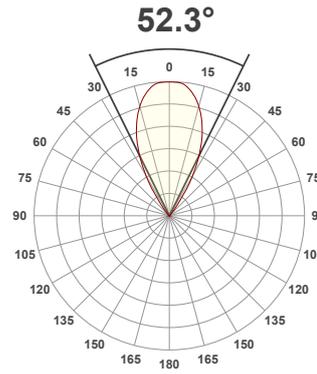
84 Lumen/Watt

Light quality:

CRI: 92.7

Color temperature:

3000 K



Product name:

ProSpex Performance195 Fixed LED, 3000K, 52°, 1600mA

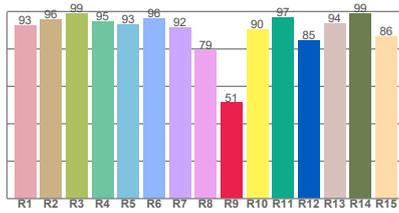
Item number:

PP1950-30-30-52-SSS-1600mA

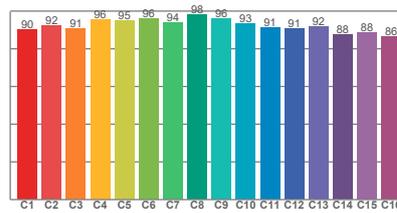
Delivered information for above fixture and LED combination.

Output: 7835 Lumen Peak intensity: 11212 cd Power consumption: 93.6

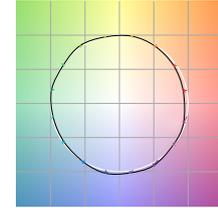
CRI R values



TM30 C Values

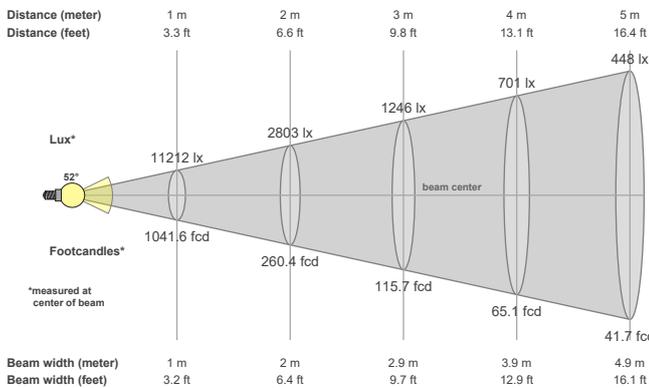


Color vector graphics



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	92.7	51.2	92.5	99.2	91.2	0.437	0.404	0.249	0.348	0.0013

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
52.3°	73°	86.1°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
11212 cd	98.4%	97.4%

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
11212lx	2803lx	1246lx	701lx	448lx	311lx	229lx	175lx	138lx	112lx	93lx	78lx	66lx	57lx	50lx	44lx	39lx	35lx	31lx	28lx
1041.6fcd	260.4fcd	115.7fcd	65.1fcd	41.7fcd	28.9fcd	21.3fcd	16.3fcd	12.9fcd	10.4fcd	8.6fcd	7.2fcd	6.2fcd	5.3fcd	4.6fcd	4.1fcd	3.6fcd	3.2fcd	2.9fcd	2.6fcd

The above information is for 3000K colour temperature.