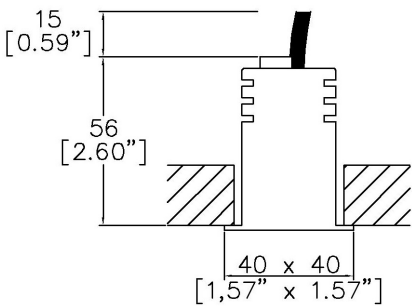


IG40 Downlight Square



40 x 40mm (1.57" x 1.57") overall diameter.
Fully recessed downlight for interior and exterior
installation. IP66 and IP67 rated fixtures. Family of
matching products also available.



IG40-DL-SQ
Cut out: 34mmØ

LED Source	LED	LED	LED	LED	LED
CCT	3000K	3000K	3000K	3000K	3000K
Drive Current	700mA	700mA	700mA	700mA	700mA
Power inc Driver	2.6W	2.6W	2.6W	2.6W	2.6W
Beam Angle	9°	15°	25°	30°	18°x 33°
Delivered Lumens	55	102	130	117	112
Delivered Intensisty cd	1439	925	760	406	556
Efficacy lm/w	21	39	51	46	43
Forward Volt	3V	3V	3V	3V	3V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI
Ingress Protection	IP66/67	IP66/67	IP66/67	IP66/67	IP66/67
Impact Proctection	IK06	IK06	IK06	IK06	IK06

Project Ref: _____ Location Ref: _____

Fixture Order Code:

IG40-DL-SQ

 - - - -

Fixture

IG40-DL-SQ

IG40 Downlight Square

CCT

27

30

40

90 CRI 2700K

90 CRI 3000K

90 CRI 4000K

Finish

BSS

PSS

BRZ

ABZ

ASV

ABK

Brushed Stainless Steel

Polished Stainless Steel

Flamed Bronze

Antique Bronze (Interior Only)

Hard Anodised Matt Silver (Interior Only)

Hard Anodised Matt Black

Beam

9

15

25

30

18x33

9°

15°

25°

30°

18° x 33°

Protocol

S

A

P

D

B

Non-Dim

Analogue (0-10v)

Phase

DALI

Bluetooth**

Please refer to installation instruction for wiring diagram

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 supersededs 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:

39 Lumen/Watt

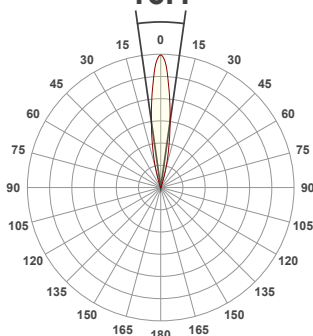
Light quality:

CRI: 90.5

Color temperature:

3000 K

16.1°



Product name:

IG40 Downlight Square, 3000K, 15°, 700mA

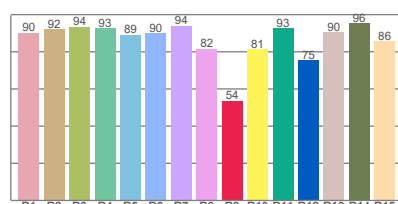
Item number:

IG40-DL-SQ-30-15-700mA

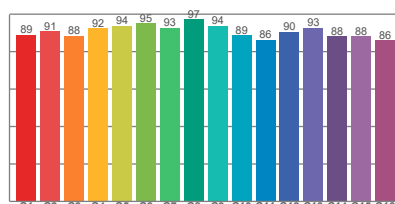
Delivered information for above fixture and LED combination.

Output: 102 Lumen Peak intensity: 925 cd Power consumption: 2.6

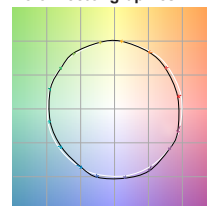
CRI R values



TM30 C Values

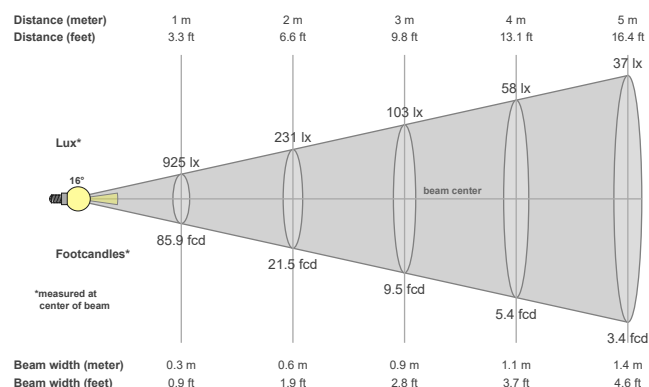


Color vector graphics



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	90.5	53.7	90.8	98.8	90.2	0.437	0.404	0.247	0.351	0.0042

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
16.1°	32.9°	42.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
925 cd	98.9%	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
925lx	231lx	103lx	58lx	37lx	26lx	19lx	14lx	11lx	9lx	8lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx
85.9fcd	21.5fcd	9.5fcd	5.4fcd	3.4fcd	2.4fcd	1.8fcd	1.3fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd

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 = 0.82

4000K = 1.11

Light efficiency:

51 Lumen/Watt

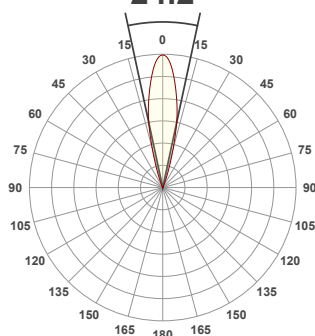
Light quality:

CRI: 90.4

Color temperature:

3000 K

24.2°



Product name:

IG40 Downlight Square, 3000K, 25°, 700mA

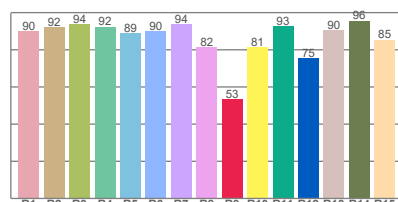
Item number:

IG40-DL-SQ-30-25-700mA

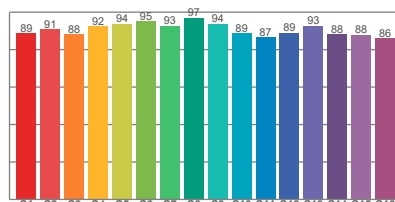
Delivered information for above fixture and LED combination.

Output: 130 Lumen Peak intensity: 760 cd Power consumption: 2.6

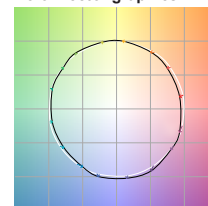
CRI R values



TM30 C Values

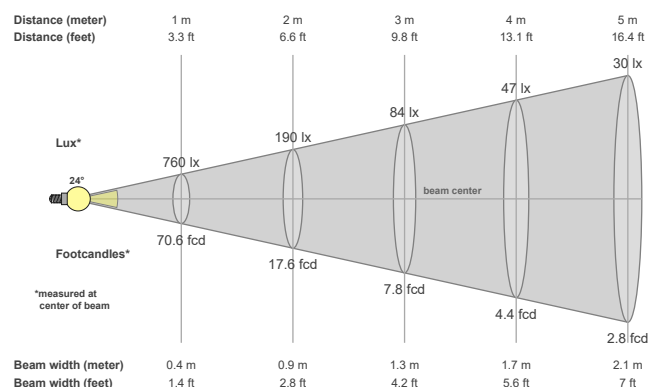


Color vector graphics



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	90.4	53.3	90.7	98.7	90.1	0.437	0.404	0.247	0.351	0.0041

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
24.2°	39°	46.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
760 cd	99.1%	98.7%

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
760lx	190lx	84lx	47lx	30lx	21lx	16lx	12lx	9lx	8lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
70.6fcd	17.6fcd	7.8fcd	4.4fcd	2.8fcd	2fcd	1.4fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd

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 = 0.82

4000K = 1.11

Light efficiency:

46 Lumen/Watt

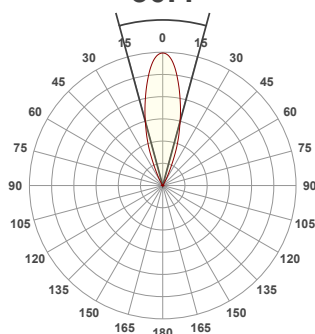
Light quality:

CRI: 90.5

Color temperature:

3000 K

30.4°



Product name:

IG40 Downlight Square, 3000K, 30°, 700mA

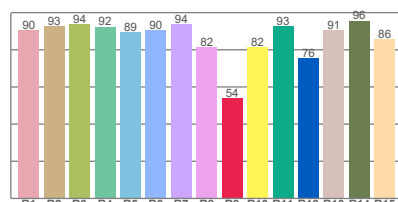
Item number:

IG40-DL-SQ-30-30-700mA

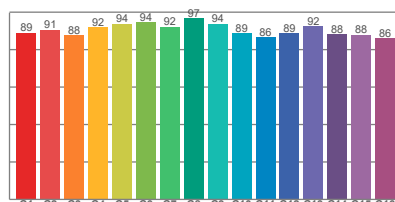
Delivered information for above fixture and LED combination.

Output: 117 Lumen Peak intensity: 406 cd Power consumption: 2.6

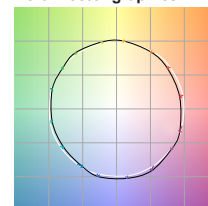
CRI R values



TM30 C Values

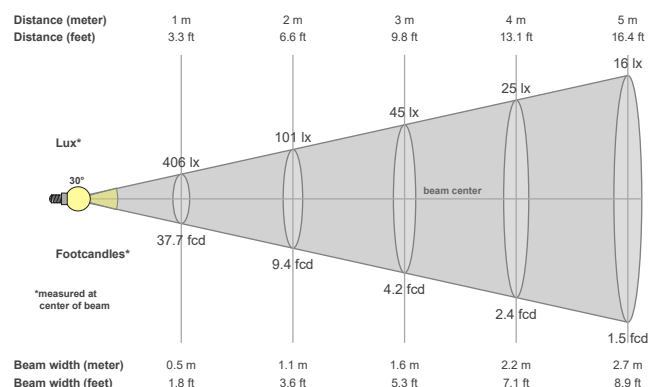


Color vector graphics



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	90.5	53.9	90.5	99.1	90.1	0.437	0.404	0.248	0.350	0.0035

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
30.4°	51.5°	60.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
406 cd	98.9%	98.2%

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
406lx	101lx	45lx	25lx	16lx	11lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx
37.7fcd	9.4fcd	4.2fcd	2.4fcd	1.5fcd	1fcd	0.8fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

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 = 0.82

4000K = 1.11

Light efficiency:

43 Lumen/Watt

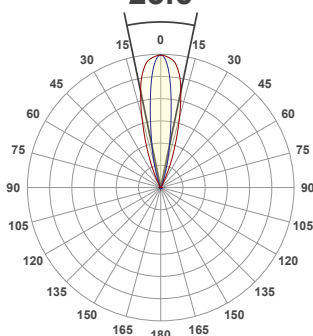
Light quality:

CRI: 91.8

Color temperature:

3000 K

23.6°



Product name:

**IG40 Downlight Square, 3000K,
18° x 33°, 700mA**

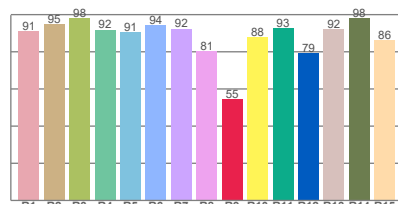
Item number:

IG40-DL-SQ-30-18X33-700mA

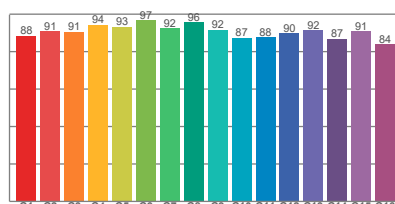
**Delivered information for above
fixture and LED combination.**

Output: 112 Lumen Peak intensity: 556 cd Power consumption: 2.6

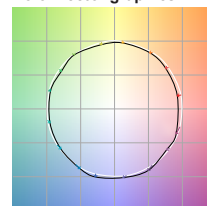
CRI R values



TM30 C Values

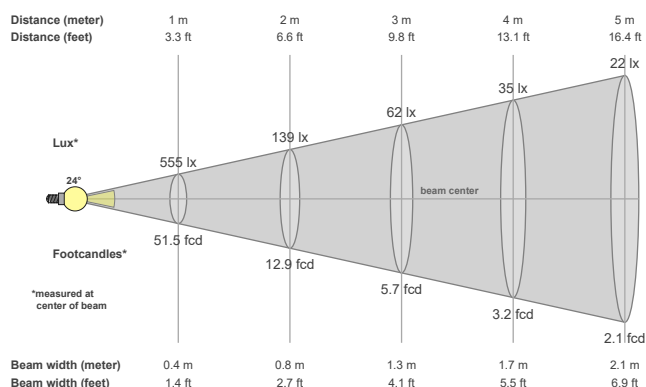


Color vector graphics



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	91.8	54.6	90.6	97.0	90.8	0.437	0.404	0.250	0.350	0.0026

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
23.6°	42.1°	53.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
556 cd	99.4%	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
555lx	139lx	62lx	35lx	22lx	15lx	11lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	2lx	1lx
51.5fcd	12.9fcd	5.7fcd	3.2fcd	2.1fcd	1.4fcd	1.1fcd	0.8fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd

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 = 0.82

4000K = 1.11