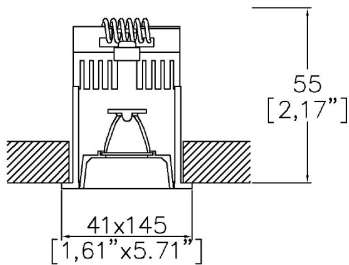


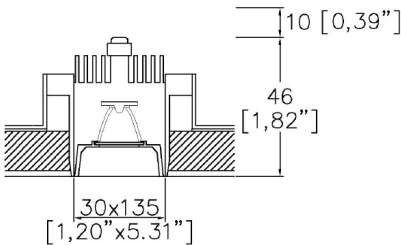
Line 5LED Cube



Line is a range of miniature ultra low glare recessed downlights with 1, 2, 5 or 10 cells. In fixed in a flanged or trimless installation kit. Available in 3 color temperatures and 3 beam angles. TRIAC/Phase, 0-10V/1-10V, DMX and DALI/digital dimming.



A2605-CB-TR
Cut out 139 x 35mm
(5.47" x 1.38")



A2605-CB-TL
Cut out 139 x 35mm
(5.47" x 1.38")

LED Source	LED	LED	LED
CCT	3000K	3000K	3000K
Drive Current	500mA	500mA	500mA
Power inc Driver	9W	9W	9W
Beam Angle	12°	34°	48°
Delivered Lumens	579	623	638
Delivered Intensisty cd	5387	1741	1214
Efficacy lm/w	64	69	71
Forward Volt	15V	15V	15V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Specify fixture part number (All boxes must be filled in to correctly order)

A2605-CB			BK	
-----------------	--	--	-----------	--

Installation _____

TR Flange

TL Trimless

CCT _____

27 2700K

30 3000K

40 4000K

Finish _____

BK Black

Beam Angles _____

12 12

34 34

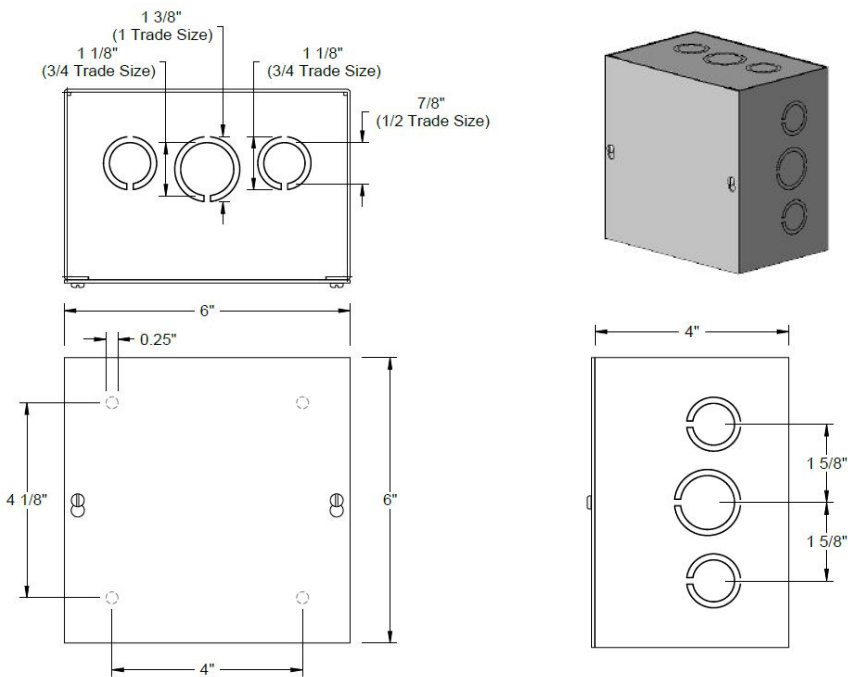
48 48

*Refer to Technical Details for more information

^Not all power supplies are available for single connection, some require series connection with multiple fittings. Consult Lucent Lighting Inc for more information.

PSU_ENCLOSURE_UL

Enclosure Details



Factory mounted power supplies in enclosure. Maximum distance 100ft, 16AWG wire. Complies with UL2108.

Above enclosure is for the installation of one remote driver, for multiple drivers, the enclosure size will increase.

Please select your driver option from below.

PSU_ENCLOSURE_UL

Dimming Protocol^

- S** Non-Dimmable
- P** TRIAC/Phase (120V ONLY) (25-10% Minimum Dimming)***
- A** 0-10V (15-5% Minimum Dimming)***
- ESD** EldoLED Solo DALI2 (0.1% Dimming)
- EED** EldoLED Eco DALI2 (1% Dimming)
- ESA** EldoLED Solo 0-10V/1-10V (0.1% Dimming)
- EEA** EldoLED Eco 0-10V/1-10V (1% Dimming)
- B** Bluetooth**

Technical Details

*Custom color requires a paint chip or RAL code and may increase price and lead-time

It is the responsibility of the specifier/integrator/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 a communication protocol. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or Bluetooth devices.

***Non specific driver type, dimming performance depending on exact driver used. Contact Lucent Lighting for more information.

^ 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 installation instructions prior to purchase.

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)

Location. Tested from underside of the ceiling.

Data correct at time of publishing. 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.

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, Incorporated. Lucent Lighting reserves the right to take whatever action is necessary to protect its intellectual property, patents and trademarks

Please notify Lucent Lighting Inc. in accuracies. E&OE

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Light efficiency:

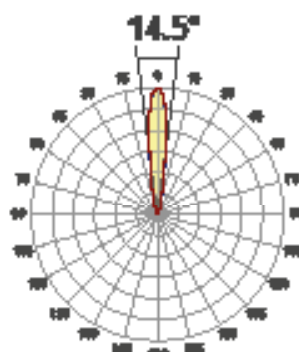
64 Lumen/Watt

Light quality:

CRI: 90.3

Color temperature:

3000 K



Product name:

Line SLED Cube 3000K 12°
500mA

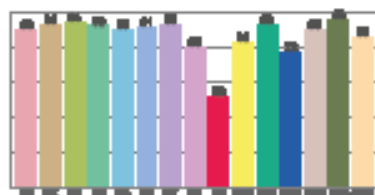
Item number:

2605-CB-30-12-500mA

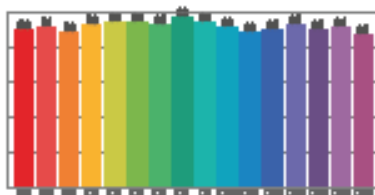
Delivered information for above
fixture and LED combination.

Output: 579 Lumen Peak intensity: 5387 cd Power consumption: 9.0

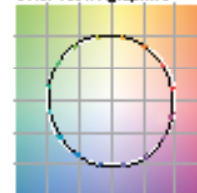
CRI values



TM30 C Values

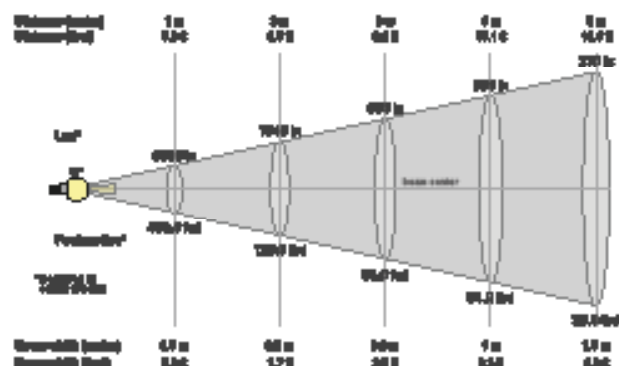


Color vector graphics



Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered	Color-rendered
CCT	CRI	CRI R9	TM30 R1	TM30 R9	CQS	x	y	u	v	Sum
3000 K	90.3	61.8	91.2	89.2	88.8	0.437	0.404	0.261	0.348	0.9038

Beam data



Beam angles

Beam angle 50%	Field angle 50%	Cutoff angle 2,0%
94.2°	32°	64.2°

Beam intensities

Peak intensity	Int. ratio to 120° beam	Int. ratio to 60° beam
5387 cd	88.7%	88.8%

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
5380lx	1345lx	598lx	336lx	215lx	149lx	110lx	84lx	66lx	54lx	44lx	37lx	32lx	27lx	24lx	21lx	19lx	17lx	15lx	13lx
489.8fc	125fc	55.5fc	31.2fc	20fc	13.9fc	10.2fc	7.8fc	6.2fc	5fc	4.1fc	3.5fc	3fc	2.6fc	2.2fc	2fc	1.7fc	1.5fc	1.4fc	1.2fc

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:

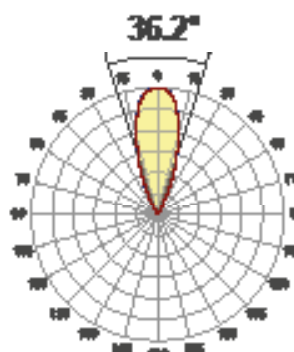
69 Lumen/Watt

Light quality:

CRI: 90.4

Color temperature:

3000 K



Product name:

Line SLED Cube 3000K 34°
500mA

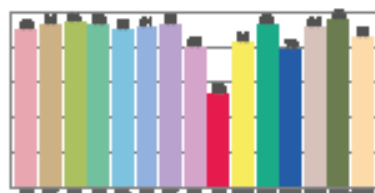
Item number:

2605-CB-30-34-500mA

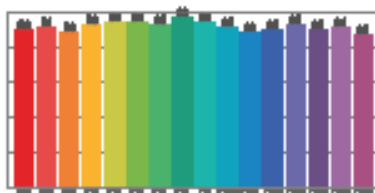
Delivered information for above
fixture and LED combination.

Output: 623 Lumen Peak intensity: 1741 cd Power consumption: 9.0

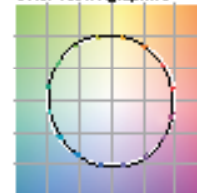
CRI values



TM2015 C Values

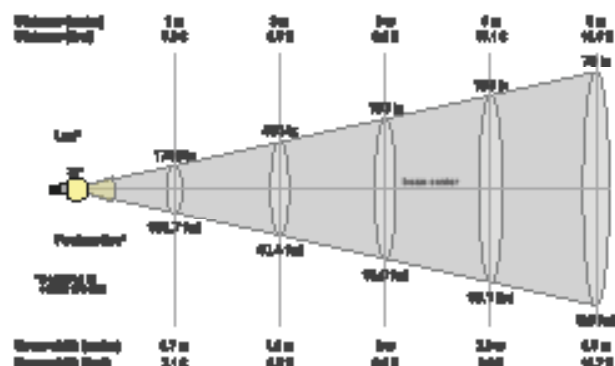


Color vector graphics



Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering	Color-rendering
CCT	CRI	CRI R9	TM2015	TM2015	CRI	X	Y	Z	X	Y
3000 K	90.4	82.3	91.2	90.3	91.7	0.437	0.404	0.261	0.348	0.1807

Beam data



Beam angle

Beam angle 50%	Field angle 50%	Cutoff angle 2,0%
34.2°	54.3°	91.8°

Beam intensity

Peak intensity	Int. ratio to 120° beam	Int. ratio to 90° beam
1741 cd	91.8%	91.7%

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
1740lx	435lx	193lx	109lx	70lx	48lx	36lx	27lx	21lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
161.7fc	40.4fc	18fc	10.1fc	6.5fc	4.5fc	3.3fc	2.5fc	2fc	1.6fc	1.3fc	1.1fc	1fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc	0.4fc	0.4fc

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:

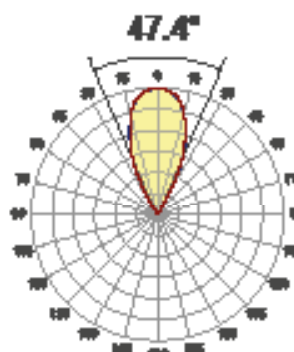
71 Lumen/Watt

Light quality:

CRI: 90.5

Color temperature:

3000 K



Product name:

Line SLED Cube 3000K 48° 500mA

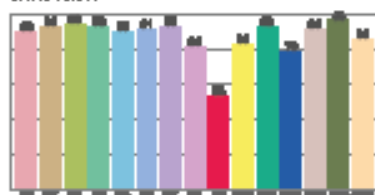
Item number:

2605-CB-30-48-500mA

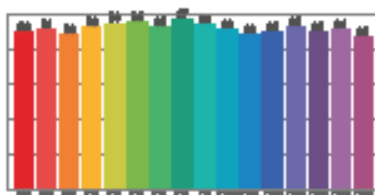
Delivered information for above fixture and LED combination.

Output: 638 Lumen Peak intensity: 1214 cd Power consumption: 9.0

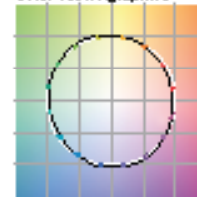
CRI values



TM30 C Values

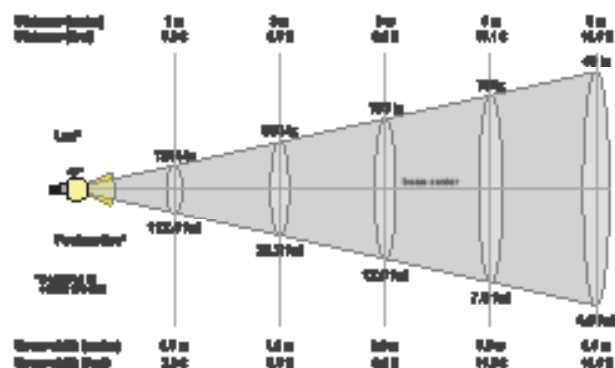


Color vector graphics



Color-rendering	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index	Color-rendering index
CCT	CRI	CRI R9	TM30 R1	TM30 R2	CQS	x	y	z	u	v
3000 K	90.5	92.8	91.3	90.2	90.5	0.437	0.404	0.268	0.248	0.003

Beam data



Beam angle

Beam angle 50%	Field angle 50%	Cutoff angle 2,0%
47.4°	81.8°	88.8°

Beam intensity

Peak intensity	Int. ratio to 120° cone	Int. ratio to 60° cone
1214 cd	88.8%	88.7%

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
1214lx	303lx	135lx	76lx	49lx	34lx	25lx	19lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
112.8fc	28.2fc	12.5fc	7fc	4.5fc	3.1fc	2.3fc	1.8fc	1.4fc	1.1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.3fc

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