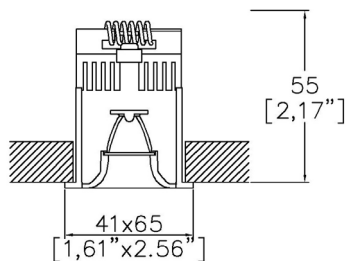


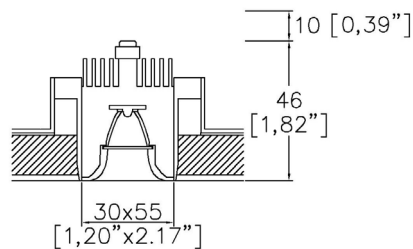
# Line 2LED Flare



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.



A2602-FL-TR  
Cut out 59 x 35mm  
(2.32" x 1.38")



A2602-FL-TL  
Cut out 59 x 35mm  
(2.32" x 1.38")

LED Source	LED	LED	LED
CCT	3000K	3000K	3000K
Drive Current	500mA	500mA	500mA
Power inc Driver	3.6W	3.6W	3.6W
Beam Angle	12°	34°	48°
Delivered Lumens	200	223	231
Delivered Intensity cd	2123	716	465
Efficacy lm/w	56	62	64
Forward Volt	6V	6V	6V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

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

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

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

A2602-FL			BK		
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- Installation \_\_\_\_\_
- TR Flange
- TL Trimless
- CCT \_\_\_\_\_
- 27 2700K
- 30 3000K
- 40 4000K
- Finish \_\_\_\_\_
- BK Black
- Beam Angles \_\_\_\_\_
- 12 12
- 34 34
- 48 48
- Dimming Protocol^ \_\_\_\_\_
- S Non-Dimmable
- P TRIAC/Phase (120V ONLY) (25-10% Minimum Dimming)\*\*\*
- LP Lutron Forward Phase 2-Wire (1% Dimming) (120V ONLY)
- ESS EcoSystem 5-Series (5% Dimming)
- LHE EcoSystem Hi-Lume Fade to Black (1% Dimming)
- LAE Lutron 3-Wire Hi-Lume (1% Dimming)
- LHP Lutron Hi-Lume Premier EcoSystem (0.1% 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\*\*

\*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.

### 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.

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Please notify Lucent Lighting Inc. inaccuracies. E&OE



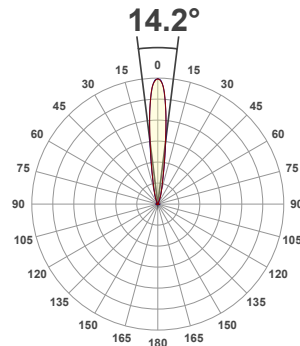
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**Line 2LED Flare 3000K 12°  
500mA**

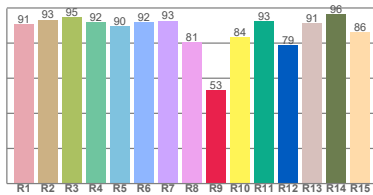
**Item number:**

**2602-FL-30-12-500mA**

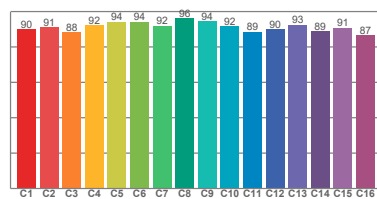
**Delivered information for above fixture and LED combination.**

**Output: 200 Lumen    Peak intensity: 2123 cd    Power consumption: 3.6**

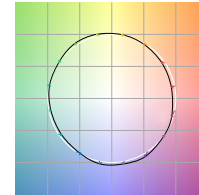
**CRI R values**



**TM30 C Values**

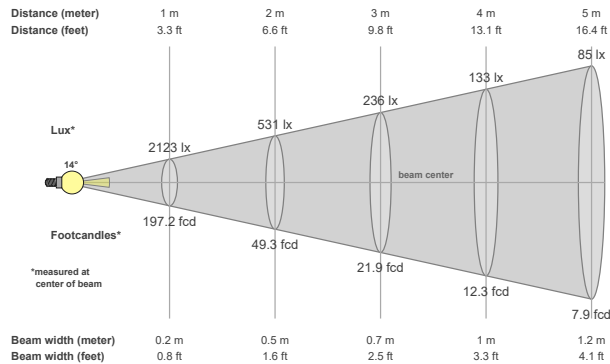


**Color vector graphics**



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	90.8	53.5	91.3	99.5	89.8	0.437	0.404	0.253	0.351	0.0020

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
14.2°	31.5°	45.1°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2123 cd	99.7%	99.5%

**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
2123lx	531lx	236lx	133lx	85lx	59lx	43lx	33lx	26lx	21lx	18lx	15lx	13lx	11lx	9lx	8lx	7lx	7lx	6lx	5lx
197.2fcd	49.3fcd	21.9fcd	12.3fcd	7.9fcd	5.5fcd	4fcd	3.1fcd	2.4fcd	2fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd

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 = 0.82

4000K = 1.11

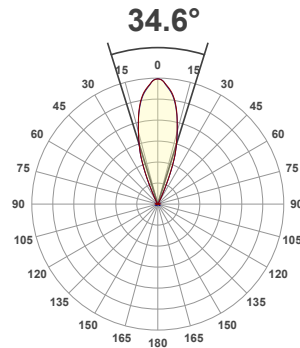
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**Line 2LED Flare 3000K 34°  
500mA**

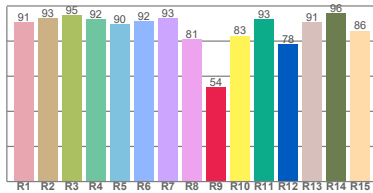
**Item number:**

**2602-FL-30-34-500mA**

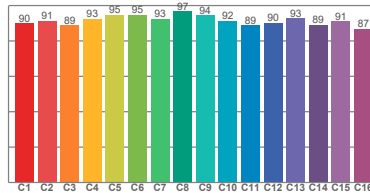
**Delivered information for above fixture and LED combination.**

**Output: 223 Lumen    Peak intensity: 716 cd    Power consumption: 3.6**

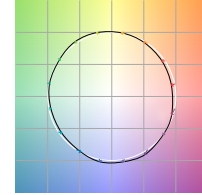
**CRI R values**



**TM30 C Values**

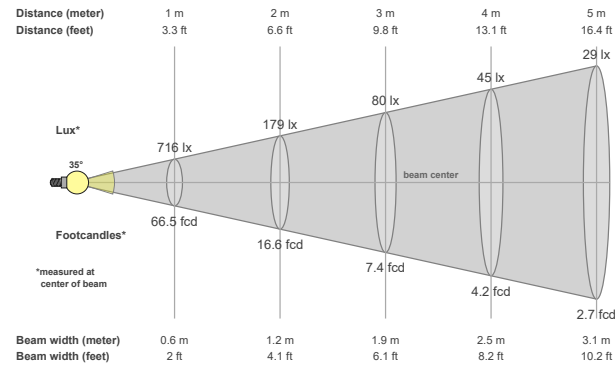


**Color vector graphics**



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	90.8	53.8	91.6	99.2	90.0	0.437	0.404	0.251	0.351	0.0027

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
34.6°	49.9°	57°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
716 cd	99.7%	99.5%

**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
716lx	179lx	80lx	45lx	29lx	20lx	15lx	11lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx
66.5fcd	16.6fcd	7.4fcd	4.2fcd	2.7fcd	1.8fcd	1.4fcd	1fcd	0.8fcd	0.7fcd	0.5fcd	0.5fcd	0.4fcd	0.3fcd	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

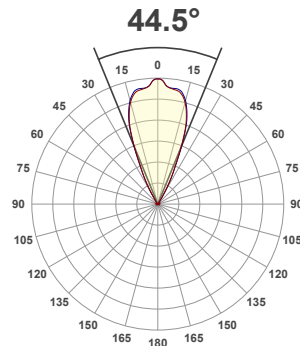
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**Line 2LED Flare 3000K 48°  
500mA**

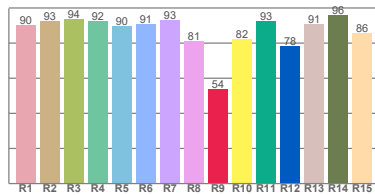
**Item number:**

**2602-FL-30-48-500mA**

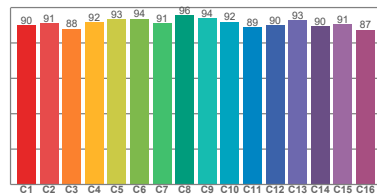
**Delivered information for above fixture and LED combination.**

**Output: 231 Lumen    Peak intensity: 465 cd    Power consumption: 3.6**

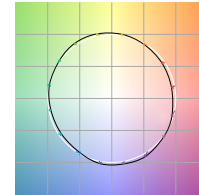
**CRI R values**



**TM30 C Values**

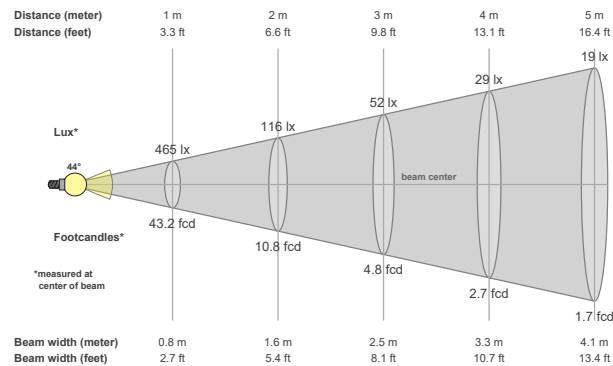


**Color vector graphics**



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	91.2	99.6	89.8	0.437	0.404	0.250	0.350	0.0027

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
44.5°	61.1°	67.5°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
465 cd	99.5%	99.3%

**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
465lx	116lx	52lx	29lx	19lx	13lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx
43.2fcd	10.8fcd	4.8fcd	2.7fcd	1.7fcd	1.2fcd	0.9fcd	0.7fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	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