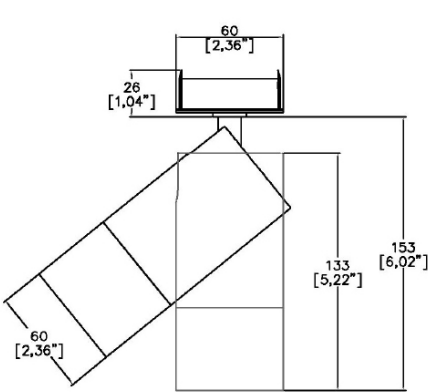


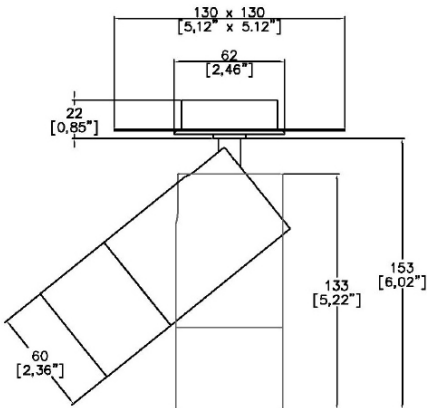
TubeLED Mini Monopoints



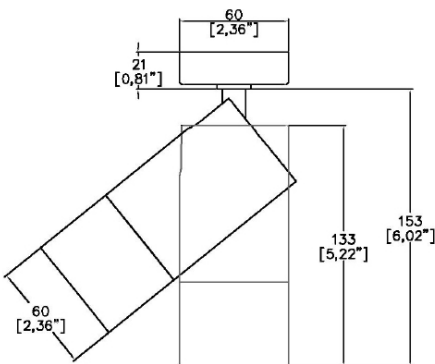
TubeLED consists of the Nano, Micro, Mini and Midi versions giving a wide range of fixing options, light outputs and beam angles. TubeLED Mini available as SuperSpot version with ultra narrow beam option. TubeLED Mini and Midi available as high output versions. Can be installed in Mains Volt and Low Volt track or surface mounted options.



A7100/2-LED-RMP
with remote driver
Cut out Ø2.24" (57mm)



A7100/2-LED-TMP
with remote driver
Cut out Ø2.24" (57mm)



A7100/2-LED-SMP
with remote driver
Cut out Ø0.59" (15mm)

LED Source	LED	LED	LED	LED
CCT	3000K	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA	350mA
Power inc Driver	13.6W	13.6W	13.6W	13.6W
Beam Angle	12°	24°	38°	55°
Delivered Lumens	866	852	963	997
Delivered Intensisty cd	12230	5551	3402	1324
Efficacy lm/w	64	63	71	73
Forward Volt	33V	33V	33V	33V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

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

A7100/2-LED						
-------------	--	--	--	--	--	--

CCT _____

27	2700K
30	3000K
40	4000K

Beam Angles _____

12	12
24	24
38	38
55	55

Color Insert _____

SN	Satin Nickel
SG	Satin Gold
CP	Copper
BZ	Bonze
(Blank)	Not required standard black to be supplied

Finish _____

WH	White
BK	Black
RAL	Custom RAL Finish*

Fixing _____

RMP	Recessed Monopoint
TMP	Trimless Monopoint
SMP	Surface Monopoint

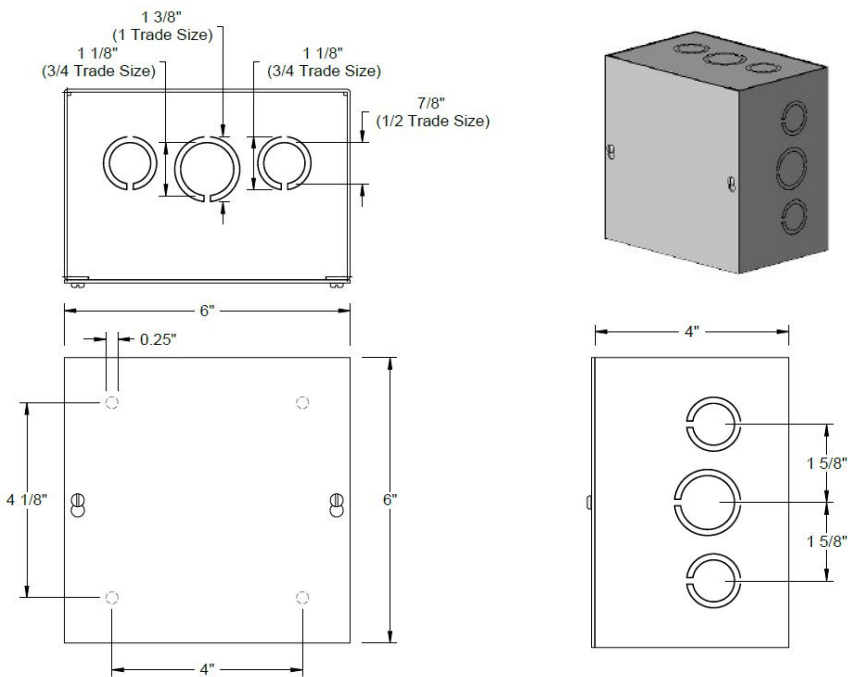
Louvre/Lens _____

XX	Not required
MN45	Honeycomb
LLDF	Solite/Diffusing
LLFR	Frosted Lens
LLLS	Linear Spread
LLHS	Heavy Spread

To be used with remove driver.

PSU_ENCLOSURE_UL

Enclosure Details



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

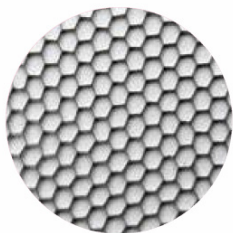
Above enclosure is for the installation of one remote driver, for multiple drivers, the enclosure size will increase.

Please select your driver option from below.

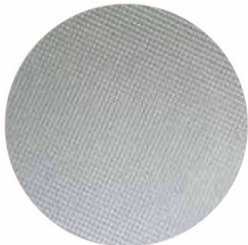
PSU_ENCLOSURE_UL

Dimming Protocol^

- S** Non-Dimmable
- 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**



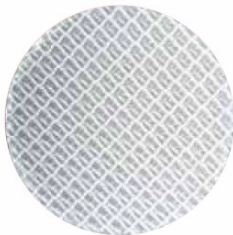
Honeycomb Louvre (MN45)



Solite/Diffusing Lens (LLDF)



Frosted Lens (LLFR)



Heavy Spread Lens (LLHS)



Linear Spread Lens (LLLS)

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. in accuracies. E&OE



Light efficiency:

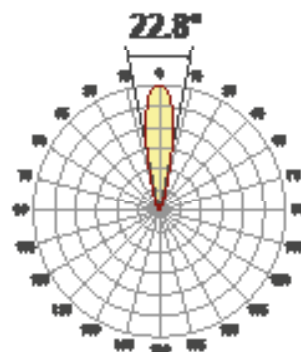
63 Lumen/Watt

Light quality:

CRI: 92.3

Color temperature:

3000 K



Product name:

TubeLED Mini GEN2, 3000K, 24°

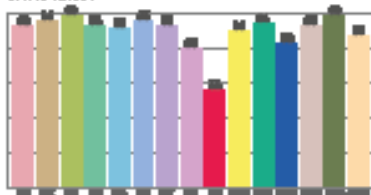
Item number:

7100/2-LED-930-24

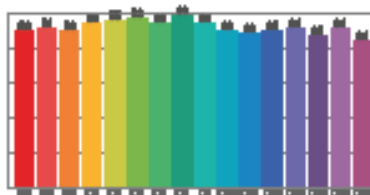
Delivered information for
above fixture and LED
combination.

Output: 936 Lumen Peak intensity: 4668 cd Power consumption: 14.8

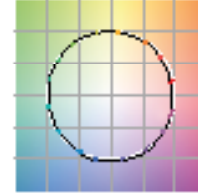
CRI values



TM30-08 values

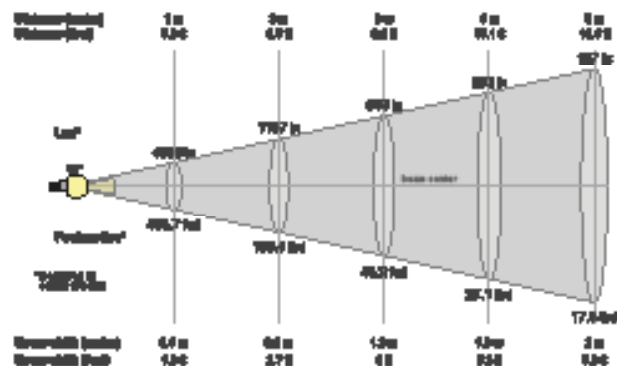


Color vector graphics



Colorimetric	Colorimetric	Reference	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric
CCT	CRI	CRI Ra	TM30-08	TM30-08	CQS	X	Y	u	v	Z
3000 K	92.3	92.1	91.1	91.4	91.7	0.437	0.404	0.298	0.342	0.0011

Beam data



Beam angle

Beam angle 50%	Field angle 95%	Cutoff angle 2.0%
22.8°	42.7°	52.8°

Beam intensities

Peak intensity	Int. ratio to 120° beam	Int. ratio to 90° beam
4668 cd	91.7%	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
4668lx	1167lx	631lx	394lx	295lx	233lx	191lx	161lx	139lx	121lx	108lx	95lx	83lx	73lx	65lx	58lx	52lx	46lx	41lx	37lx
433.7cd	108.4cd	48.2cd	27.1cd	17.3cd	12.1cd	8.9cd	6.8cd	5.4cd	4.3cd	3.6cd	3cd	2.6cd	2.2cd	1.9cd	1.7cd	1.5cd	1.3cd	1.2cd	1.1cd

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 = 1

4000K = 1.084

Light efficiency:

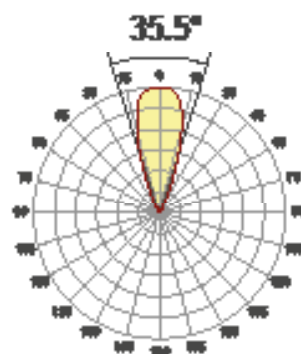
71 Lumen/Watt

Light quality:

CRI: 92.4

Color temperature:

3000 K



Product name:

TubeLED Mini GEN2, 3000K, 38°

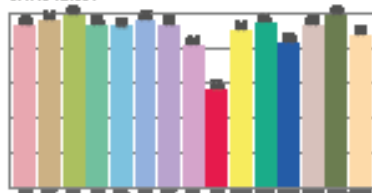
Item number:

7100/2-LED-930-38

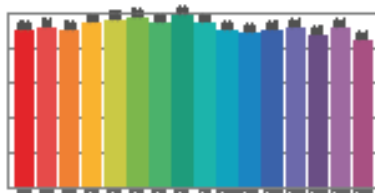
Delivered information for above fixture and LED combination.

Output: 1049 Lumen Peak intensity: 2911 cd Power consumption: 14.8

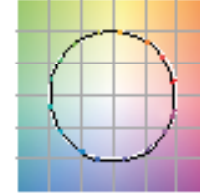
CRI values



TM19-03 Values

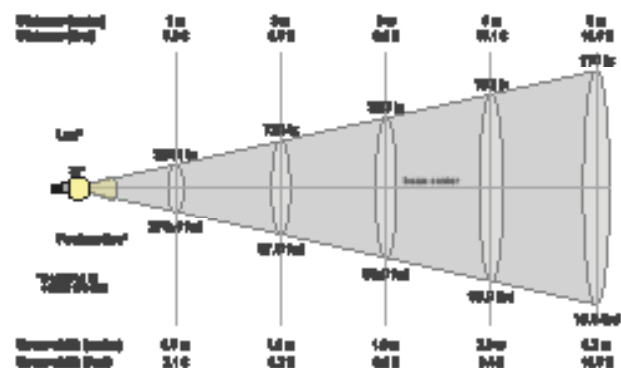


Color checker graphics



Colorimetric	Colorimetric	Reference	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric
CCT	CRI	CRI Ra	TM19-03	TM19-03	CRI	X	Y	u	v	Z
3000 K	92.4	92.4	91.1	91.4	91.7	0.437	0.404	0.298	0.342	0.0011

Beam data



Beam spread

Beam angle 50%	Field angle 90%	Cutoff angle 2.4%
35.5°	52.5°	17.3°

Beam intensities

Peak intensity	Int. ratio to 120° beam	Int. ratio to 90° beam
2911 cd	91.3%	91.3%

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
2911lx	728lx	323lx	182lx	116lx	81lx	59lx	45lx	36lx	29lx	24lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx
270.4cd	67.6cd	30cd	16.9cd	10.8cd	7.5cd	5.5cd	4.2cd	3.3cd	2.7cd	2.2cd	1.9cd	1.6cd	1.4cd	1.2cd	1.1cd	0.9cd	0.8cd	0.7cd	0.7cd

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 = 1

4000K = 1.084

Light efficiency:

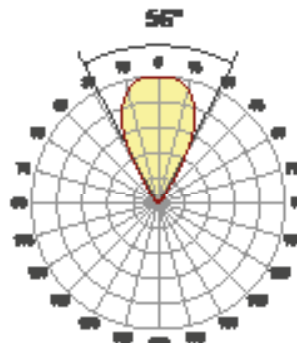
73 Lumen/Watt

Light quality:

CRI: 91.7

Color temperature:

3000 K



Product name:

TubeLED Mini GEN2
3000K 55° 350mA

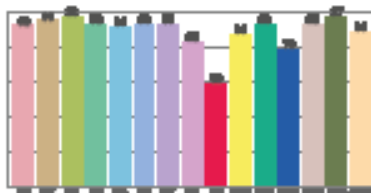
Item number:

7100/2-30-55-350mA

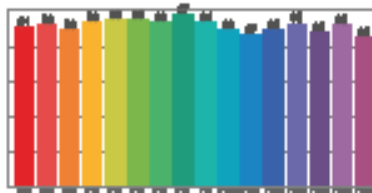
Delivered information for
above fixture and LED
combination.

Output: 597 Lumen Peak intensity: 1324 cd Power consumption: 13.6

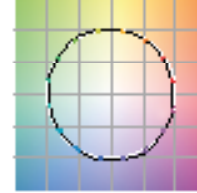
CRI values



TM30 G Values

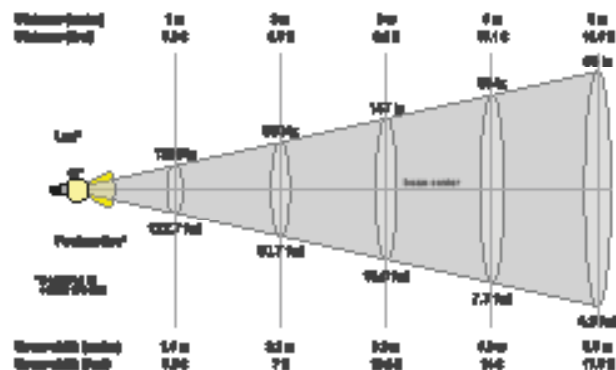


Color vector graphics



Color-render	Chromatic shift	Red-render	Color-shift	Green-shift	Blue-shift	Color-render	Color-render	Color-render	Color-render	Color-render
CCT	CRI	CRI R9	TM30 R1	TM30 Rg	CRI	X	Y	u	v	Blue
3000 K	91.7	68.8	91.3	89.2	88.2	0.437	0.404	0.251	0.348	0.000

Beam data



Beam angle

Beam angle 50%	Field angle 90%	Cut-off angle 2.0%
56°	12°	85.2°

Beam intensity

Peak intensity	Int. ratio to 120° beam	Int. ratio to 50° beam
1324 cd	88.7%	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
1320lx	330lx	147lx	83lx	53lx	37lx	27lx	21lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
122.7fc	30.7fcd	13.6fcd	7.7fcd	4.9fcd	3.4fcd	2.5fcd	1.9fcd	1.5fcd	1.2fcd	1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd

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 = 1
4000K = 1.084