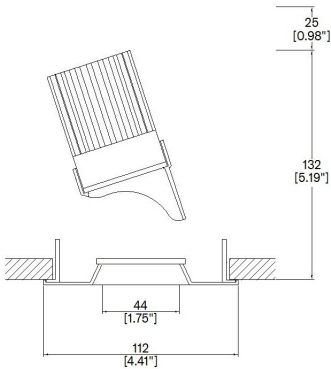


Plus3.5 Bevel Accent Non-Locking



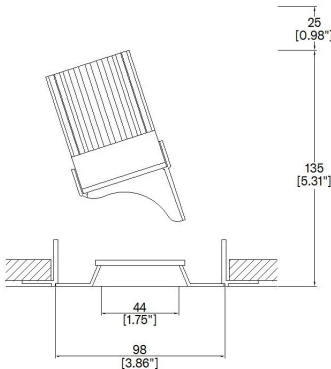
Plus provides high performance electronics and architectural aesthetics in round and square 3.5” and 5” trim. Plus products include adjustable, fixed and wallwash in a flanged or trimless installation kit. Adjustable can be provided with gear driven adjustment or manual adjustment. Available in various front plates (Conical, Bevel, Edge, Pyramidal and Square Bevel) Bevel and Square Bevel available with various color inserts. Tray, retrofit and housing installation methods (NIC, IC, AT, T24 and CCEA) Multiple configurations for equal spacing also available. Lucent modules available in a wide range of color temperatures, beam angles, intensities, and effects (Ambiance WarmDim and Dynamic Tuneable White). MR16 and GU10 LED lamp options available. TRIAC/Phase, 0-10v/1-10v, DMX and DALI/Digital dimming.



A093+13-NL-LED-TR
359° rotation. Up to 45° tilt.
Cut-out 102mm (4.02”) Ø



Installation kit for overlap flange



A093+13-NL-LED-TL
359° rotation. Up to 45° tilt.
Cut-out 102mm (4.02”) Ø



Mud-in kit for seamless/trimless

LED Source	LED51/2	LED51/2	LED51/2	LED51/2	LED51/U	LED51/U	LED51/U	LED51/U
CCT	3000K	3000K	3000K	3000K	3000K	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA
Power inc Driver	13.6W	13.6W	13.6W	13.6W	13.6W	13.6W	13.6W	13.6W
Beam Angle	12°	24°	38°	55°	12°	24°	38°	55°
Delivered Lumens	618	730	821	878	613	647	755	598
Delivered Intensisty cd	9525	4219	2502	1204	9297	3983	1873	1015
Efficacy lm/w	45	54	60	65	45	48	55	44
Forward Volt	33V	33V	33V	33V	33V	33V	33V	33V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥98 CRI	≥98 CRI	≥98 CRI	≥98 CRI

Project Ref: _____ Location Ref: _____

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

A093+13-NL-LED														
----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Installation

TR Flange kit

TL Mud-in kit

Finish

WH White

BK Black

RAL Custom*

Location

XX Dry

DP Damp

Ceiling Thickness

SC Standard Ceiling (1/2"-5/8"-3/4")

C Custom

LED Type

LED51/2 LED51/2 (90CRI)

LED51/U LED51/U (98CRI)

CCT

27 2700K

30 3000K

35 3500K

40 4000K (90 CRI ONLY)

Beam Angles

12 12

24 24

38 38

55 55

Housing/Tray

LMT-13-NIC Mounting Tray Non-Insulated ceilings

LH-6.75-NIC Housing 6.75" Non-Insulated ceilings

LH-8.50-AT/IC Housing 8.50" Insulated/Air-tight ceilings and Chicago Plenum

Mounting Hardware

09 9" to 15.25" - Adjustable Bar Hanger Lengths

14 14" to 24" - Adjustable Bar Hanger Lengths

36 28" to 36" - Adjustable Bar Hanger Lengths

BB Butterfly Bracket

CB Caterpillar Bracket

Supply Voltage

120 120V

277 277V

Dimming Protocol

S Non-Dimmable

P TRIAC/Phase (120V ONLY) (25-10% Minimum Dimming)***

AWN Athena wireless RF node****

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**

Emergency

E 1.5h Emergency

ES 1.5h Self test

Louvre/Lens

XX Not required

LL45 Honeycomb

LLCC Warm Tone

LLUV UV

LLDF Solite/Diffusing

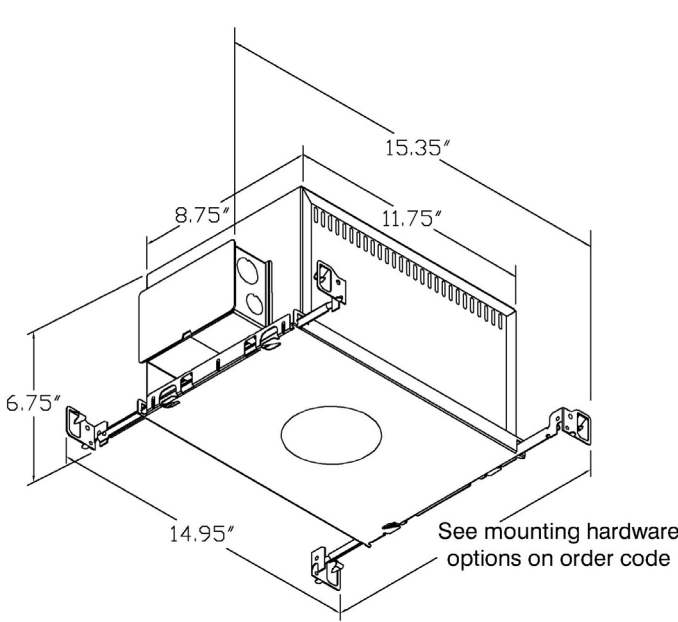
LLFR Frosted Lens

LLLS Linear Spread

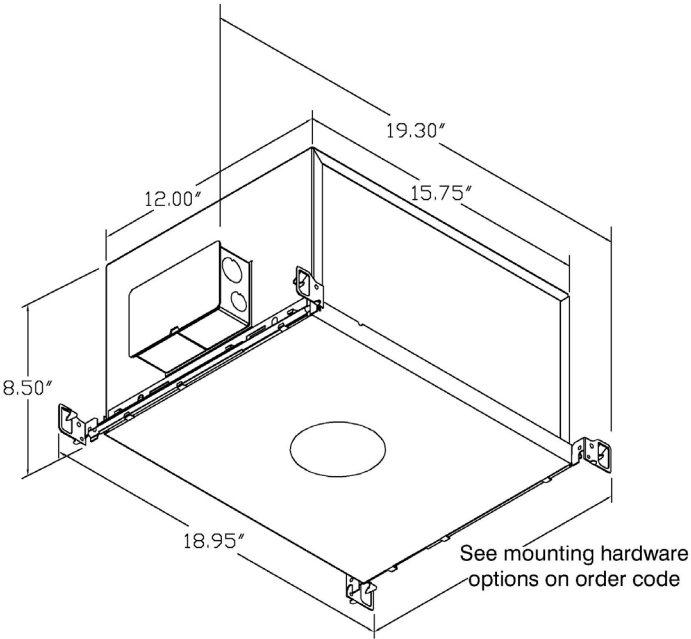
LLHS Heavy Spread

*Refer to Technical Details for more information

Housing dimensions

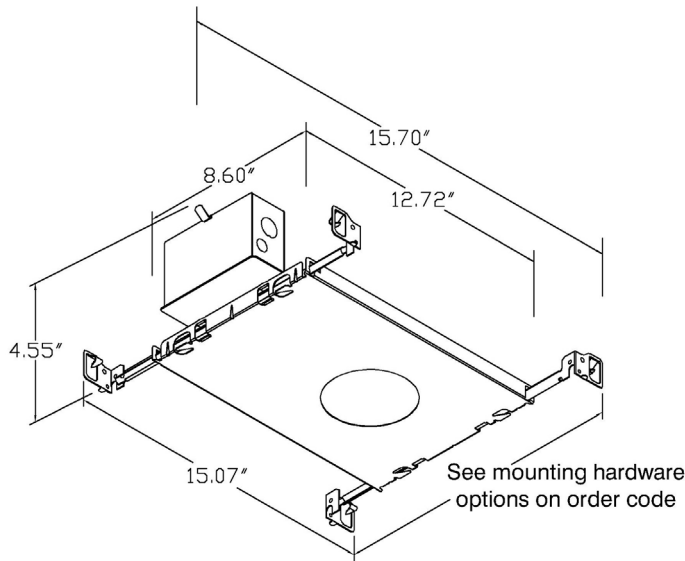


LH-6.75
Non-insulated ceilings

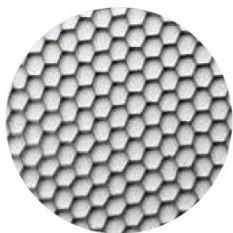


LH-8.50
Insulated/air-tight ceilings and
Chicago Plenum

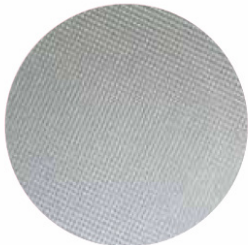
Tray dimensions



LMT-13
Non-insulated ceilings



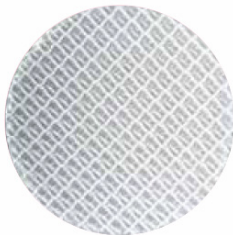
Honeycomb Louvre (LL45)



Solite/Diffusing Lens (LLDF)



Frosted Lens (LLFR)



Heavy Spread Lens (LLHS)



Linear Spread Lens (LLLS)



Warm Tone (LLCC)

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.

**DALI Type 6 requires two DALI addresses, one for CCT control the other for intensity control. DALI Type 8 is a single DALI Type 8 address for CCT and intensity control. Please check which control system is being used before specifying.

**** Available for integration with Lutron Athena Control systems. Please contact Lucent Lighting Inc./Lutron factory for further details.

^ 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:

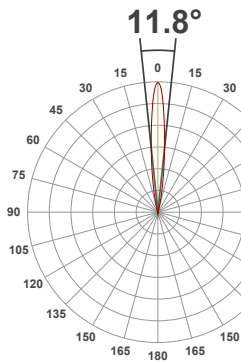
45 Lumen/Watt

Light quality:

CRI: 92.1

Color temperature:

3000 K



Product name:

PlusBevel Non-Locking - LED51 GEN2, 3000K, 12°, 350mA

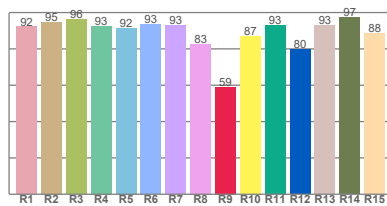
Item number:

093+13-NL-LED51/2-30-12-350mA

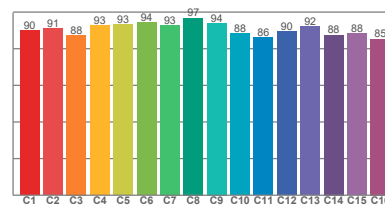
Delivered information for above fixture and LED combination.

Output: 618 Lumen Peak intensity: 9525 cd Power consumption: 13.6

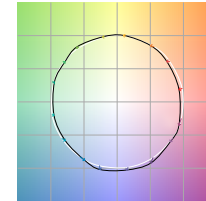
CRI R values



TM30 C Values

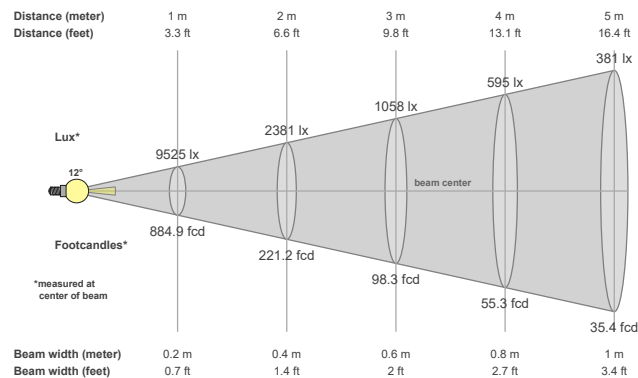


Color vector graphics



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	92.1	59.1	90.6	99.9	90.4	0.437	0.404	0.249	0.347	0.0002

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
11.8°	24.8°	35.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
9525 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
9525lx	2381lx	1058lx	595lx	381lx	265lx	194lx	149lx	118lx	95lx	79lx	66lx	56lx	49lx	42lx	37lx	33lx	29lx	26lx	24lx
884.9fcd	221.2fcd	98.3fcd	55.3fcd	35.4fcd	24.6fcd	18.1fcd	13.8fcd	10.9fcd	8.8fcd	7.3fcd	6.1fcd	5.2fcd	4.5fcd	3.9fcd	3.5fcd	3.1fcd	2.7fcd	2.5fcd	2.2fcd

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 = 1
4000K = 1.084

Light efficiency:

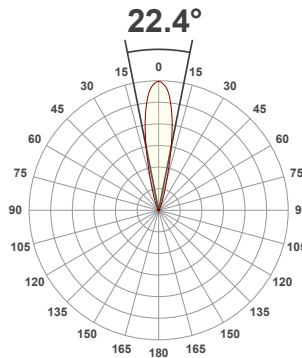
54 Lumen/Watt

Light quality:

CRI: 92.0

Color temperature:

3000 K



Product name:

PlusBevel Non-Locking - LED51 GEN2, 3000K, 24°, 350mA

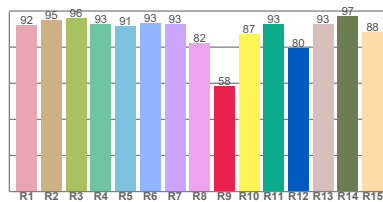
Item number:

093+13-NL-LED51/2-30-24-350mA

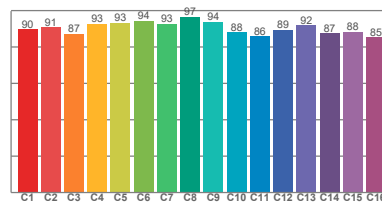
Delivered information for above fixture and LED combination.

Output: 730 Lumen Peak intensity: 4219 cd Power consumption: 13.6

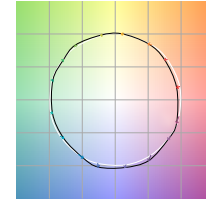
CRI R values



TM30 C Values

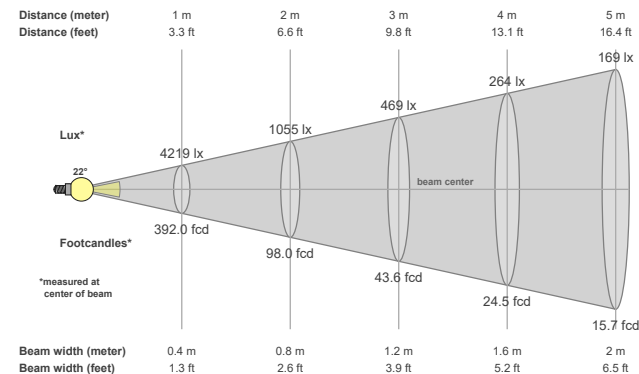


Color vector graphics



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	92.0	58.5	90.5	99.9	90.3	0.437	0.404	0.249	0.347	0.0002

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
22.4°	39.8°	54.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
4219 cd	99.6%	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
4219lx	1055lx	469lx	264lx	169lx	117lx	86lx	66lx	52lx	42lx	35lx	29lx	25lx	22lx	19lx	16lx	15lx	13lx	12lx	11lx
392fcd	98fcd	43.6fcd	24.5fcd	15.7fcd	10.9fcd	8fcd	6.1fcd	4.8fcd	3.9fcd	3.2fcd	2.7fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.4fcd	1.2fcd	1.1fcd	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 = 1

4000K = 1.084

Light efficiency:

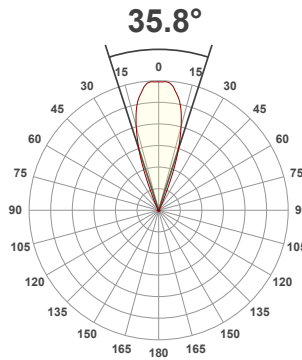
60 Lumen/Watt

Light quality:

CRI: 92.0

Color temperature:

3000 K



Product name:

**PlusBevel Non-Locking - LED51
GEN 2, 3000K, 38°, 350mA**

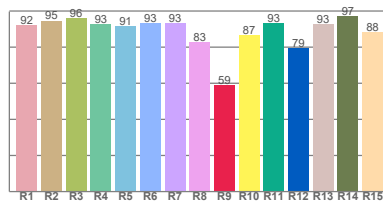
Item number:

093+13-NL-LED51/2-30-38-350mA

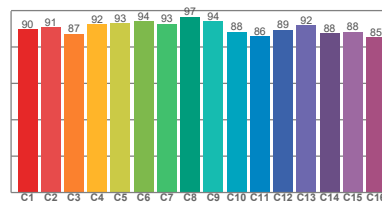
**Delivered information for above
fixture and LED combination.**

Output: 821 Lumen Peak intensity: 2502 cd Power consumption: 13.6

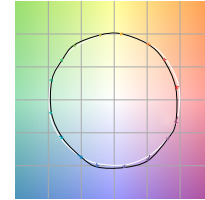
CRI R values



TM30 C Values

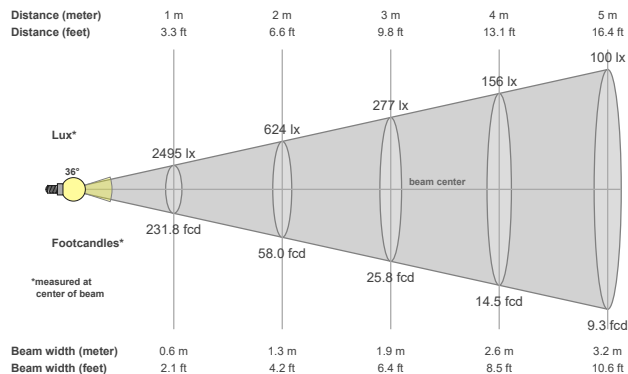


Color vector graphics



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	92.0	59.0	90.5	100.1	90.4	0.437	0.404	0.248	0.347	0.0004

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
35.8°	48.9°	59.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2502 cd	99.8%	99.8%

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
2495lx	624lx	277lx	156lx	100lx	69lx	51lx	39lx	31lx	25lx	21lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx
231.8fcd	58fcd	25.8fcd	14.5fcd	9.3fcd	6.4fcd	4.7fcd	3.6fcd	2.9fcd	2.3fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd

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:

65 Lumen/Watt

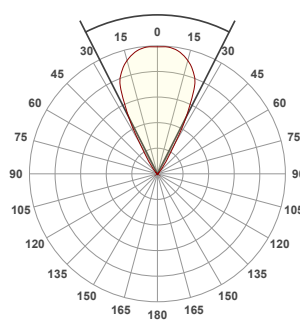
Light quality:

CRI: 92.1

Color temperature:

3000 K

53.7°



Product name:

PlusBevel Non-Locking - LED51 GEN 2, 3000K, 55°, 350mA

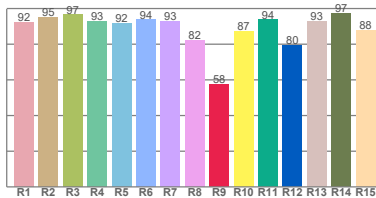
Item number:

093+13-NL-LED51/2-30-55-350mA

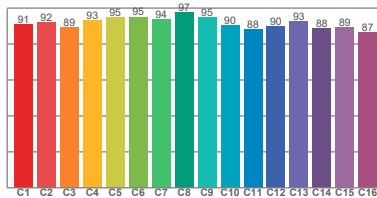
Delivered information for above fixture and LED combination.

Output: 878 Lumen Peak intensity: 1204 cd Power consumption: 13.6

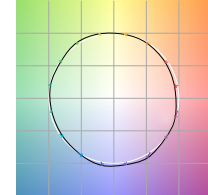
CRI R values



TM30 C Values

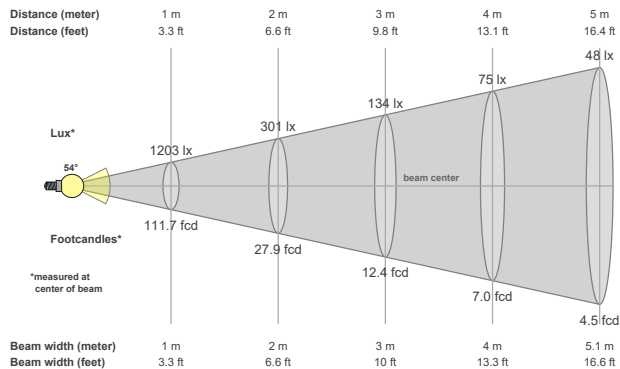


Color vector graphics



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	92.1	57.7	91.6	99.7	90.5	0.437	0.404	0.251	0.348	0.0006

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
53.7°	71.8°	89.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1204 cd	99.6%	98.4%

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
1203lx	301lx	134lx	75lx	48lx	33lx	25lx	19lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
111.7fcd	27.9fcd	12.4fcd	7fcd	4.5fcd	3.1fcd	2.3fcd	1.7fcd	1.4fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	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

Light efficiency:

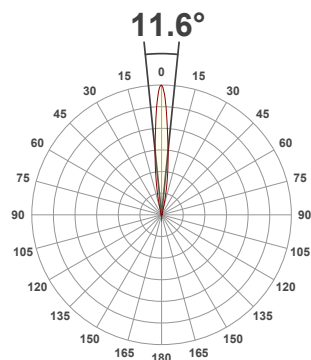
45 Lumen/Watt

Light quality:

CRI: 97.8

Color temperature:

3000 K



Product name:

093+NL-13-LED - LED51_U-30-12-350mA

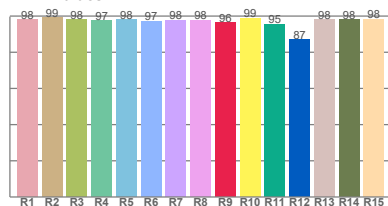
Item number:

Plus Bevel Non-Locking Accent - LED51_U-30-12-350mA

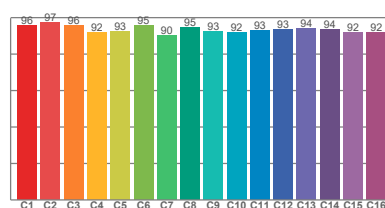
Delivered information for above fixture and LED combination.

Output: 613 Lumen Peak intensity: 9297 cd Power consumption: 13.6

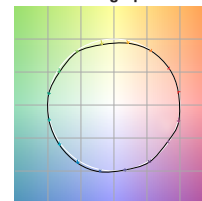
CRI R values



TM30 C Values

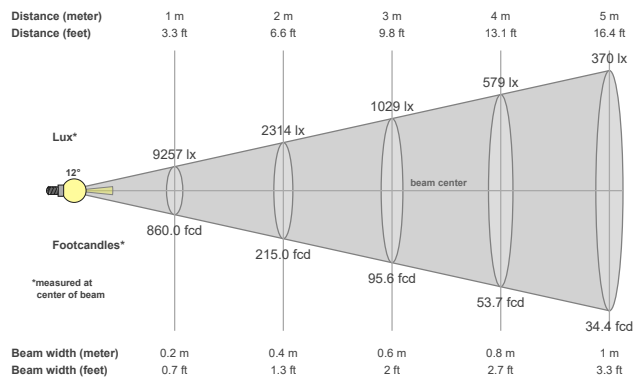


Color vector graphics



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	97.8	96.2	93.6	98.9	94.9	0.437	0.404	0.249	0.349	0.0014

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
11.6°	25.7°	35°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
9297 cd	99.6%	99.4%

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
9257lx	2314lx	1029lx	579lx	370lx	257lx	189lx	145lx	114lx	93lx	77lx	64lx	55lx	47lx	41lx	36lx	32lx	29lx	26lx	23lx
860fcd	215fcd	95.6fcd	53.7fcd	34.4fcd	23.9fcd	17.6fcd	13.4fcd	10.6fcd	8.6fcd	7.1fcd	6fcd	5.1fcd	4.4fcd	3.8fcd	3.4fcd	3fcd	2.7fcd	2.4fcd	2.1fcd

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 = 1

Light efficiency:

48 Lumen/Watt

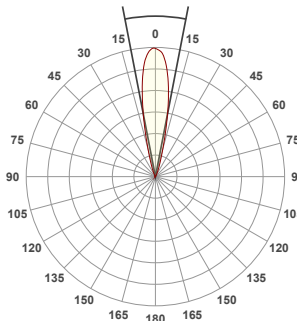
Light quality:

CRI: 97.7

Color temperature:

3000 K

21.9°



Product name:

093+NL-13-LED - LED51_U-30-24-350mA

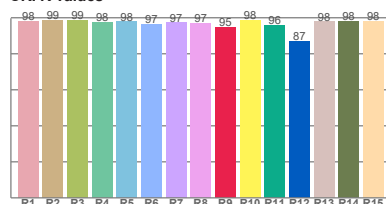
Item number:

Plus Bevel Non-Locking Accent - LED51_U-30-24-350mA

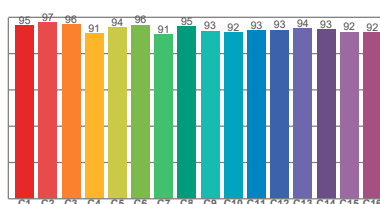
Delivered information for above fixture and LED combination.

Output: 647 Lumen Peak intensity: 3983 cd Power consumption: 13.6

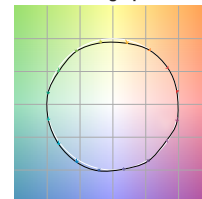
CRI R values



TM30 C Values

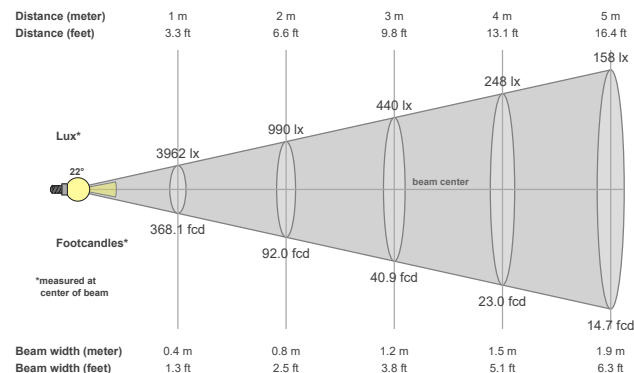


Color vector graphics



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	97.7	94.6	93.7	99.0	95.3	0.437	0.404	0.250	0.348	0.0007

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
21.9°	37.9°	52.4°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3983 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
3962lx	990lx	440lx	248lx	158lx	110lx	81lx	62lx	49lx	40lx	33lx	28lx	23lx	20lx	18lx	15lx	14lx	12lx	11lx	10lx
368.1fcd	92fcd	40.9fcd	23fcd	14.7fcd	10.2fcd	7.5fcd	5.8fcd	4.5fcd	3.7fcd	3fcd	2.6fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd

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

Light efficiency:

55 Lumen/Watt

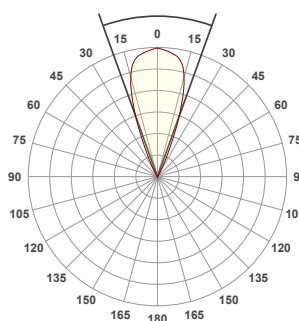
Light quality:

CRI: 98.0

Color temperature:

3000 K

39.6°



Product name:

093+NL-13-LED - LED51_U-30-38-350mA

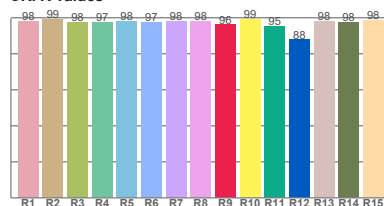
Item number:

Plus Bevel Non-Locking Accent - LED51_U-30-38-350mA

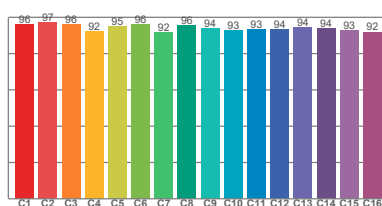
Delivered information for above fixture and LED combination.

Output: 755 Lumen Peak intensity: 1873 cd Power consumption: 13.6

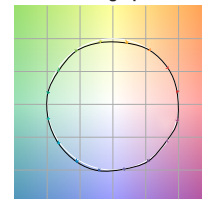
CRI R values



TM30 C Values

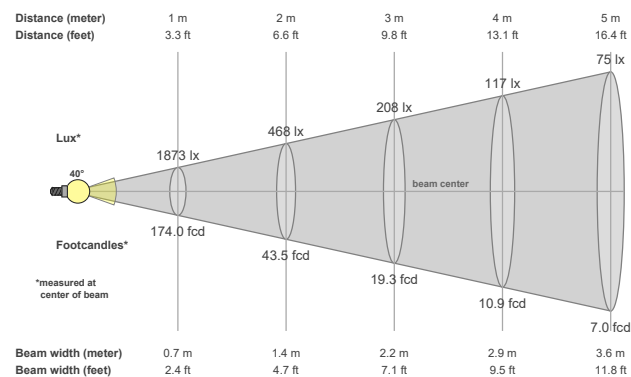


Color vector graphics



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	98.0	96.1	94.3	99.4	95.4	0.437	0.404	0.250	0.349	0.0012

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
39.6°	53.6°	64.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1873 cd	99.6%	99.4%

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
1873lx	468lx	208lx	117lx	75lx	52lx	38lx	29lx	23lx	19lx	15lx	13lx	11lx	10lx	8lx	7lx	6lx	6lx	5lx	5lx
174fcd	43.5fcd	19.3fcd	10.9fcd	7fcd	4.8fcd	3.6fcd	2.7fcd	2.1fcd	1.7fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd

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

Light efficiency:

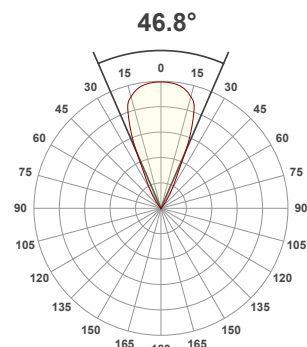
44 Lumen/Watt

Light quality:

CRI: 98.0

Color temperature:

3000 K



Product name:

093+NL-13-LED -
LED51_U-30-55-350mA

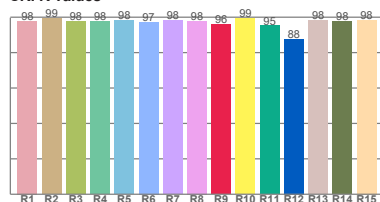
Item number:

Plus Bevel Non-Locking Accent -
LED51_U-30-55-350mA

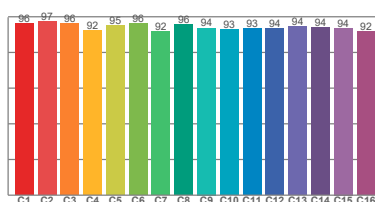
Delivered information for above
fixture and LED combination.

Output: 598 Lumen Peak intensity: 1015 cd Power consumption: 13.6

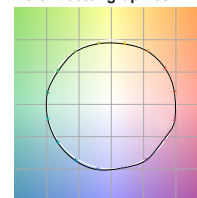
CRI R values



TM30 C Values

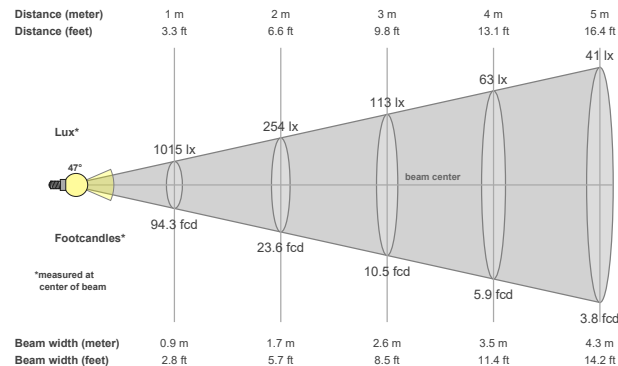


Color vector graphics



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	98.0	95.8	94.3	99.3	95.4	0.437	0.404	0.251	0.348	0.0012

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
46.8°	67.9°	80.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1015 cd	99.4%	99.2%

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
1015lx	254lx	113lx	63lx	41lx	28lx	21lx	16lx	13lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
94.3fcd	23.6fcd	10.5fcd	5.9fcd	3.8fcd	2.6fcd	1.9fcd	1.5fcd	1.2fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	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 = 1