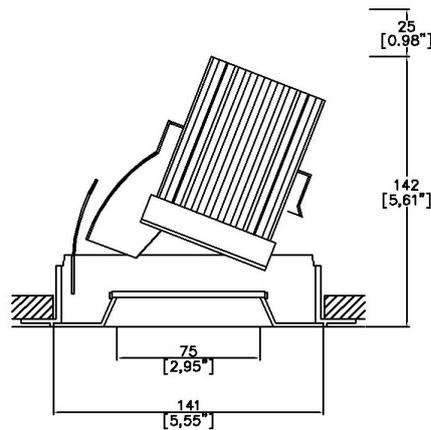


ProSpex Plus XL Bevel Accent Trimless



150mm (5.90") overall trim diameter. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available. Up to 35° tilt. Required depth height + 25mm^



093+XL-13-LED-TL
Cut-out 142mm Ø

LED Source	LED71TW	LED71TW	LED71TW
CCT range 5000K-2000K	@ 3000K	@ 3000K	@ 3000K
Drive Current (max per channel)	1000mA	1000mA	1000mA
Power inc Driver Max	27.5W	27.5W	27.5W
Beam Angle	19°	23°	42°
Delivered Lumens	1365	1320	1253
Delivered Intensity cd	5853	3649	2178
Efficacy lm/w	50	48	46
Forward Volt (max per channel)	23.4V	23.4V	23.4V
CRI	≥95 CRI	≥95 CRI	≥95 CRI

Project Ref: _____

Location Ref: _____

Fixture Order Code:



Fixture

093+XL-13-LED-TR Plus XL Bevel Accent Trimless with LED71

Finish

- WH White
- BK Black
- RAL Custom RAL Colour*

IP Rating

44 IP44

Emergency

- E Maintained 3hr Emergency
- ED Maintained 3hr DALI Self Test
- ES Maintained 3hr Self Test



LED Order Code:



LED

LED71TW LED70 ONE Tuneable White

CCT

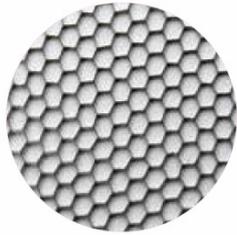
5020 5000K - 2000K

Beam

- 19 19°
- 23 23°
- 42 42°

Protocol

- D6 DALI Type 6**
- D8 DALI Type 8**
- B Bluetooth***



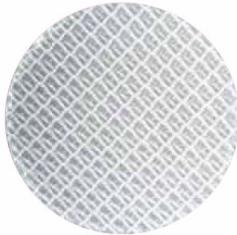
Honeycomb Louvre



Diffusing Lens



Frosted Lens



Heavy Spread Lens



Linear Spread Lens



Warm Tone

Accessories Order Code:

Louvre/Lens

- MN71 Honeycomb Louvre
- MDCC Warm Tone Lens
- MDUV UV Lens
- MDDF Diffusing Lens
- MDFR Frosted Lens
- MDLS Linear Spread Lens
- MDHS Heavy Spread Lens

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 installation 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 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 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

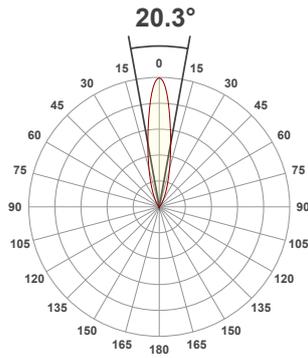
Light efficiency:



Light quality:



Color temperature:



Product name:

093+XL-13-LED - LED71TW-5020-19 - 3000K

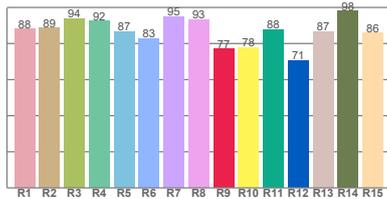
Item number:

Plus XL Bevel Accent - LED71TW-5020-19 @ 3000K

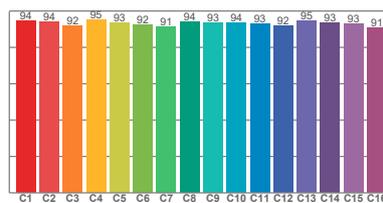
Delivered information for above fixture and LED combination.

Output: 1365 Lumen Peak intensity: 5853 cd Power consumption: 27.5

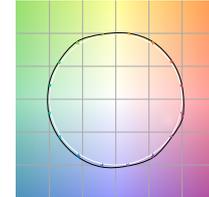
CRI R values



TM30 C Values

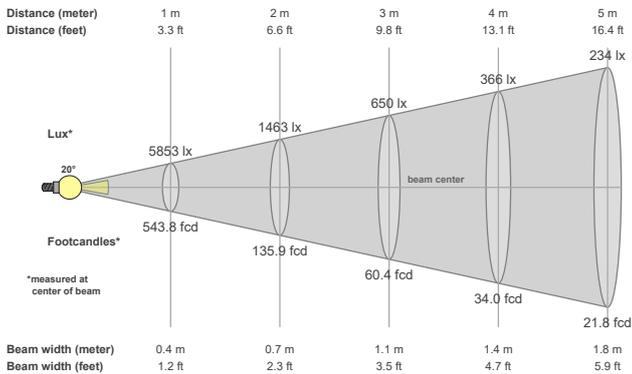


Color vector graphics



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	90.0	76.9	93.3	106.6	93.5	0.437	0.404	0.251	0.348	-0.0155

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
20.3°	51.3°	75.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
5853 cd	99.7%	98.6%

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
5853lx	1463lx	650lx	366lx	234lx	163lx	119lx	91lx	72lx	59lx	48lx	41lx	35lx	30lx	26lx	23lx	20lx	18lx	16lx	15lx
543.8fcd	135.9fcd	60.4fcd	34fcd	21.8fcd	15.1fcd	11.1fcd	8.5fcd	6.7fcd	5.4fcd	4.5fcd	3.8fcd	3.2fcd	2.8fcd	2.4fcd	2.1fcd	1.9fcd	1.7fcd	1.5fcd	1.4fcd

All the above information for fixtures with LED71TW-5020 modules are tested at 3000K

Factors to adjust lumen output for the following CCTs at 100% output for the colour are as follows:

2000K = 0.75

2700K = 0.93

3500K = 1.07

4000K = 1.11

5000K = 1.17

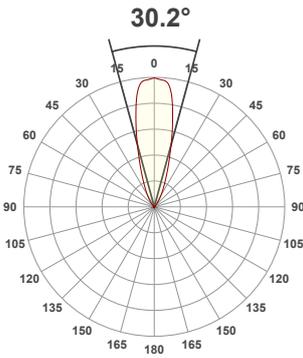
Light efficiency:



Light quality:



Color temperature:



Product name:

093+XL-13-LED - LED71TW-5020-23 - 3000K

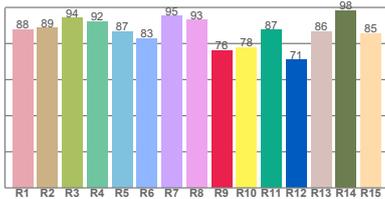
Item number:

Plus XL Bevel Accent - LED71TW-5020-23 @ 3000K

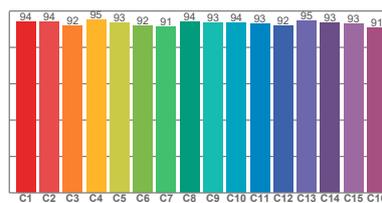
Delivered information for above fixture and LED combination.

Output: 1320 Lumen Peak intensity: 3649 cd Power consumption: 27.5

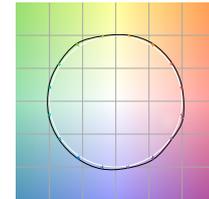
CRI R values



TM30 C Values

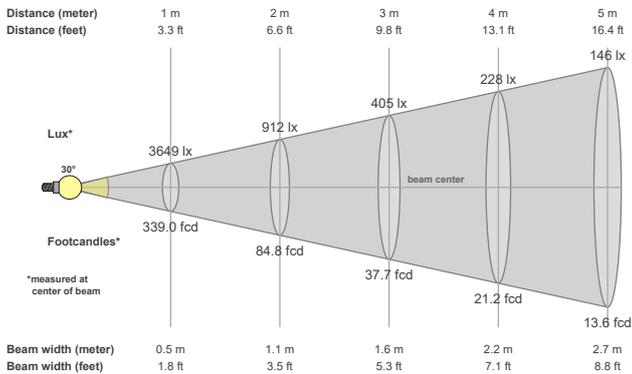


Color vector graphics



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	90.0	76.1	93.3	106.9	93.5	0.437	0.404	0.251	0.348	-0.0155

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
30.2°	60.6°	82.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3649 cd	99.8%	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
3649lx	912lx	405lx	228lx	146lx	101lx	74lx	57lx	45lx	36lx	30lx	25lx	22lx	19lx	16lx	14lx	13lx	11lx	10lx	9lx
339fcd	84.8fcd	37.7fcd	21.2fcd	13.6fcd	9.4fcd	6.9fcd	5.3fcd	4.2fcd	3.4fcd	2.8fcd	2.4fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1fcd	0.9fcd	0.8fcd

All the above information for fixtures with LED71TW-5020 modules are tested at 3000K

Factors to adjust lumen output for the following CCTs at 100% output for the colour are as follows:

2000K = 0.75

2700K = 0.93

3500K = 1.07

4000K = 1.11

5000K = 1.17

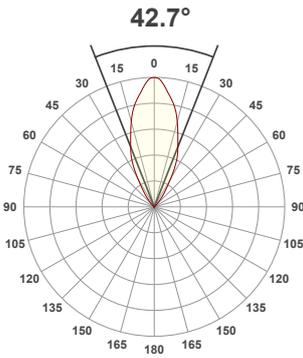
Light efficiency:



Light quality:



Color temperature:



Product name:

093+XL-13-LED - LED71TW-5020-42 - 3000K

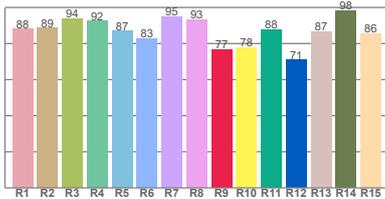
Item number:

Plus XL Bevel Accent - LED71TW-5020-42 @ 3000K

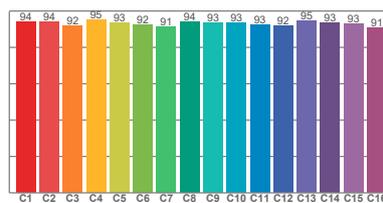
Delivered information for above fixture and LED combination.

Output: 1253 Lumen Peak intensity: 2178 cd Power consumption: 27.5

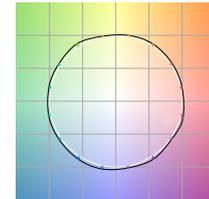
CRI R values



TM30 C Values

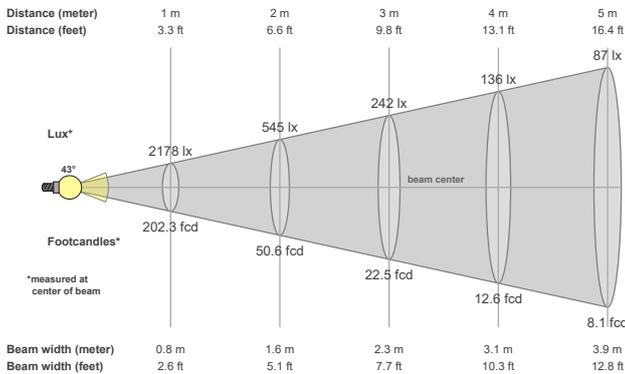


Color vector graphics



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
3023 K	90.1	76.7	93.3	106.5	93.6	0.415	0.360	0.255	0.333	-0.0154

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
42.7°	75.1°	91.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2178 cd	99.7%	98.0%

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
2178lx	545lx	242lx	136lx	87lx	61lx	44lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	5lx
202.3fcd	50.6fcd	22.5fcd	12.6fcd	8.1fcd	5.6fcd	4.1fcd	3.2fcd	2.5fcd	2fcd	1.7fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd

All the above information for fixtures with LED71TW-5020 modules are tested at 3000K

Factors to adjust lumen output for the following CCTs at 100% output for the colour are as follows:

2000K = 0.75

2700K = 0.93

3500K = 1.07

4000K = 1.11

5000K = 1.17