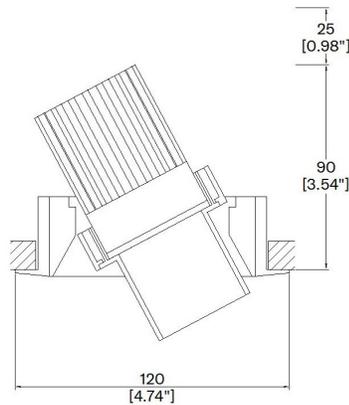


# Axis3.5 Long Snoot



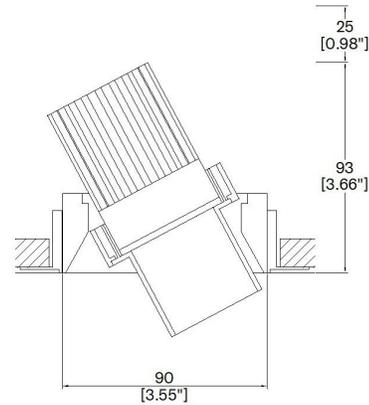
Axis provides high performance electronics and architectural aesthetics in 3.5" and 5" trim with a n option of tapered or straight snoots. Axis products come as standard adjustable in a flanged or trimless installation kit. Tray, retrofit and housing installation methods (NIC, IC, AT, T24 and CCEA) Multiple configurations for equal spacing also available. Lucent modules available in a wide range of color temperatures, beam angles, intensities, and effects (Ambiance Warm-Dim and Dynamic Tuneable White). MR16 and GU10 LED lamp options available. TRIAC/Phase, 0-10v/1-10v, DMX and DALI/Digital dimming.



**A200/2-LS-LED-TR**  
Up to 35° tilt  
Cut-out 108mm (4.25") Ø



**Installation kit for overlap flange**



**A200/2-LS-LED-TL**  
Up to 35° tilt  
Cut-out 106mm (4.17") Ø

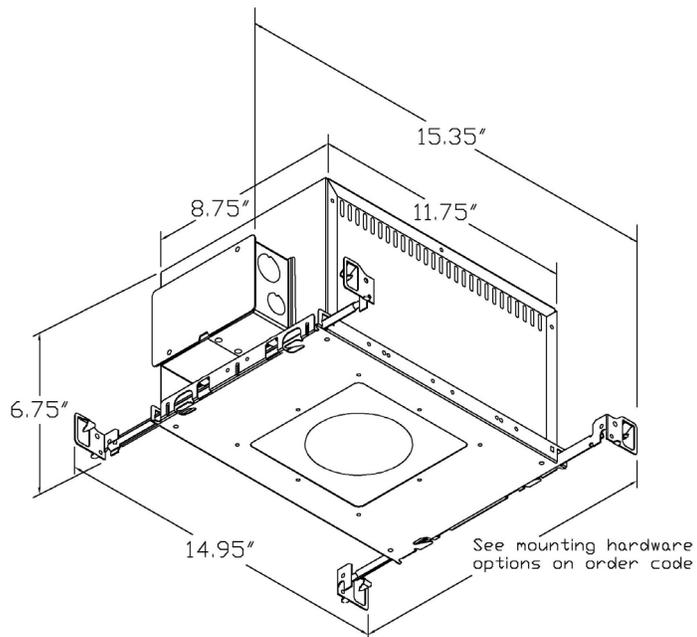


**Mud-in kit for seamless/trimless**

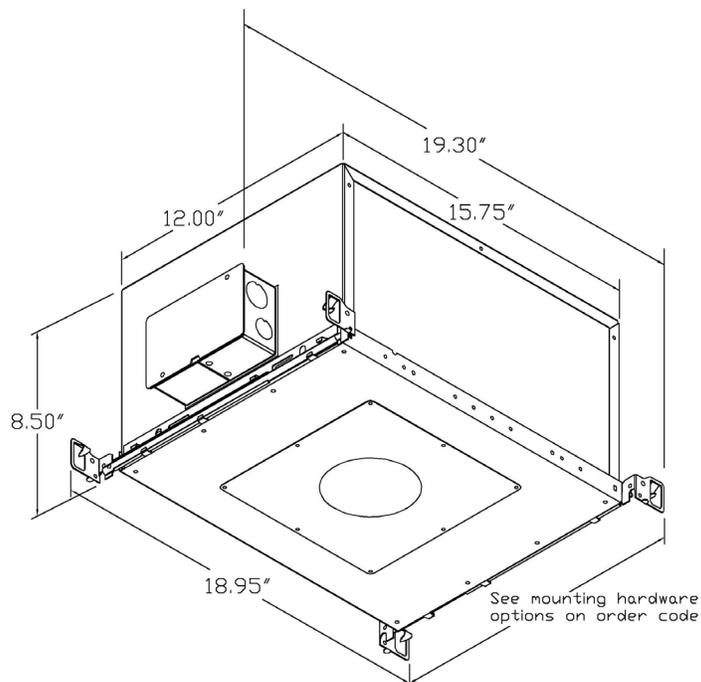
LED Source	LED51/2	LED51/2	LED51/2	LED51/2	LED51/U	LED51/U	LED51/U	LED51/U
CCT	3000K							
Drive Current	350mA							
Power inc Driver	13.6W							
Beam Angle	12°	24°	38°	55°	12°	24°	38°	55°
Delivered Lumens	690	772	795	728	654	655	756	505
Delivered Intensisty cd	9818	4163	2488	1444	9542	3915	2176	998
Efficacy lm/w	51	57	58	54	48	48	56	37
Forward Volt	33V							
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥98 CRI	≥98 CRI	≥98 CRI	≥98 CRI



Housing dimensions

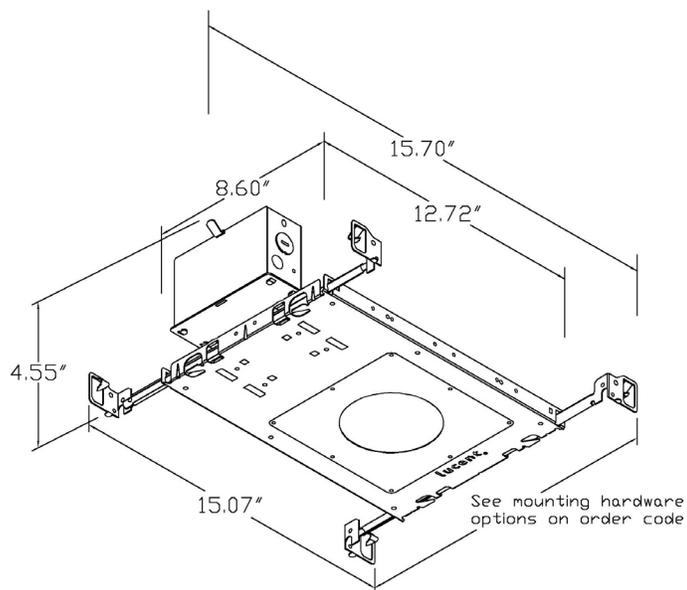


LH-6.75  
Non-insulated ceilings

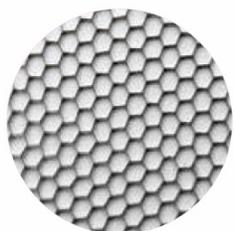


LH-8.50  
Insulated/air-tight ceilings and  
Chicago Plenum

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.

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. inaccuracies. E&OE

.....



Light efficiency:

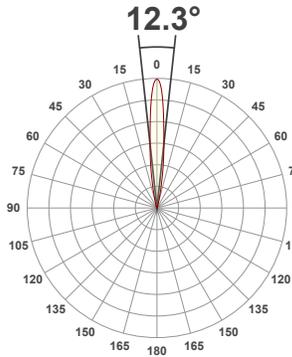
**51 Lumen/Watt**

Light quality:

**CRI: 92.1**

Color temperature:

**3000 K**



Product name:

**Axis Mini2 Long Snoot -LED50 ONE GEN2, 3000K, 12°, 350mA**

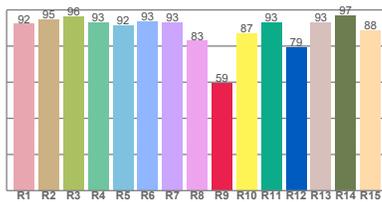
Item number:

**200/2-LS-LED51/2-30-12-350mA**

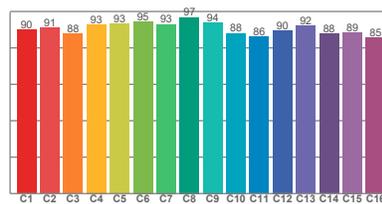
**Delivered information for above fixture and LED combination.**

**Output: 690 Lumen Peak intensity: 9818 cd Power consumption: 13.6**

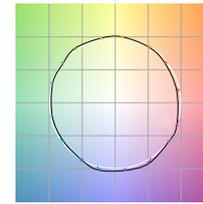
CRI R values



TM30 C Values

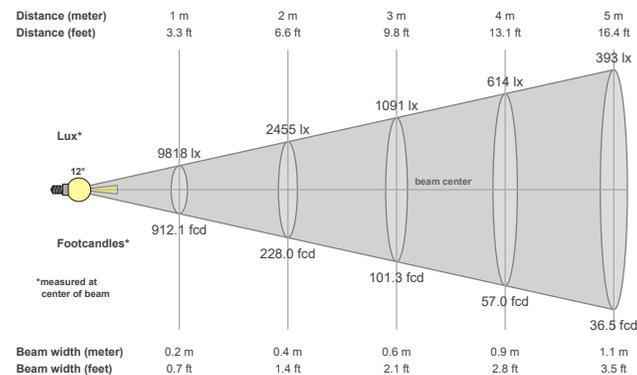


Color vector graphics



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	59.4	90.7	99.8	90.5	0.437	0.404	0.249	0.347	0.0004

### Beam details



### Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
<b>12.3°</b>	<b>25.6°</b>	<b>36.7°</b>

### Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
<b>9818 cd</b>	<b>99.7%</b>	<b>99.3%</b>

### 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
9818lx	2455lx	1091lx	614lx	393lx	273lx	200lx	153lx	121lx	98lx	81lx	68lx	58lx	50lx	44lx	38lx	34lx	30lx	27lx	25lx
912.1fcd	228fcd	101.3fcd	57fcd	36.5fcd	25.3fcd	18.6fcd	14.3fcd	11.3fcd	9.1fcd	7.5fcd	6.3fcd	5.4fcd	4.7fcd	4.1fcd	3.6fcd	3.2fcd	2.8fcd	2.5fcd	2.3fcd

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

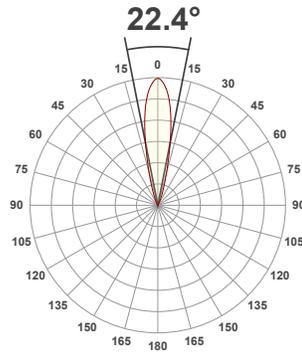
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**Axis Mini2 Long Snoot - LED50 ONE GEN2, 3000K, 24°, 350mA**

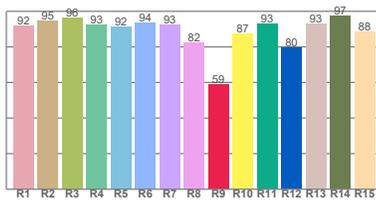
**Item number:**

**200/2-LS-LED51/2-30-24-350mA**

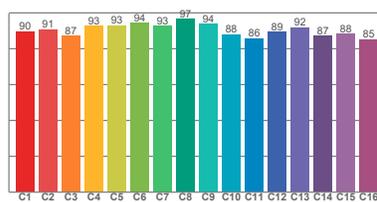
**Delivered information for above fixture and LED combination.**

**Output: 772 Lumen Peak intensity: 4163 cd Power consumption: 13.6**

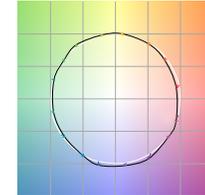
**CRI R values**



**TM30 C Values**

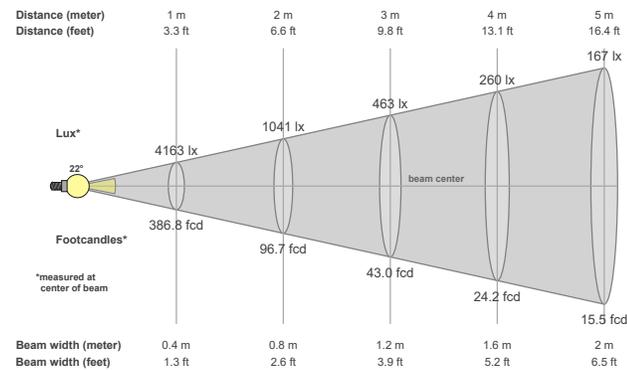


**Color vector graphics**



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	58.7	90.5	100.0	90.3	0.437	0.404	0.249	0.347	0.0001

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
22.4°	40.9°	54.3°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
4163 cd	98.1%	95.8%

**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
4163lx	1041lx	463lx	260lx	167lx	116lx	85lx	65lx	51lx	42lx	34lx	29lx	25lx	21lx	19lx	16lx	14lx	13lx	12lx	10lx
386.8fcd	96.7fcd	43fcd	24.2fcd	15.5fcd	10.7fcd	7.9fcd	6fcd	4.8fcd	3.9fcd	3.2fcd	2.7fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	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

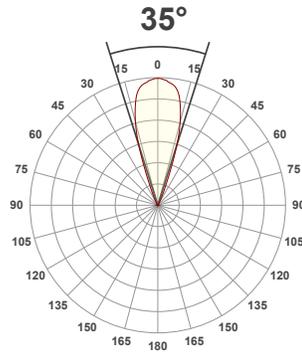
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**Axis Mini2 Long Snoot -LED50 ONE GEN2, 3000K, 38°, 350mA**

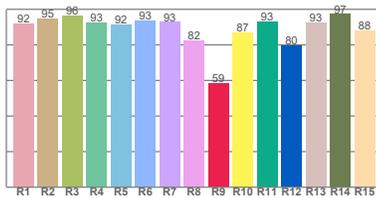
**Item number:**

**200/2-LS-LED51/2-30-38-350mA**

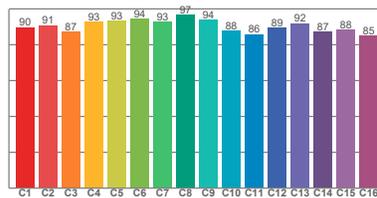
**Delivered information for above fixture and LED combination.**

**Output: 795 Lumen Peak intensity: 2488 cd Power consumption: 13.6**

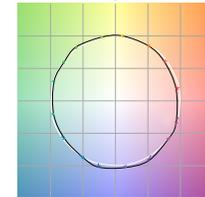
**CRI R values**



**TM30 C Values**

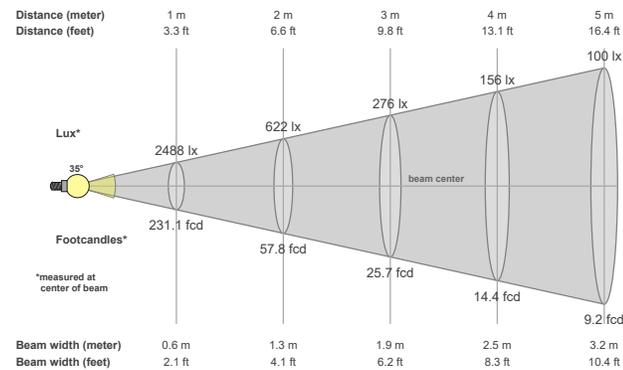


**Color vector graphics**



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	58.6	90.5	99.9	90.3	0.437	0.404	0.249	0.347	0.0002

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
35°	48.1°	60.2°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2488 cd	99.8%	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
2488lx	622lx	276lx	156lx	100lx	69lx	51lx	39lx	31lx	25lx	21lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx
231.1fcd	57.8fcd	25.7fcd	14.4fcd	9.2fcd	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

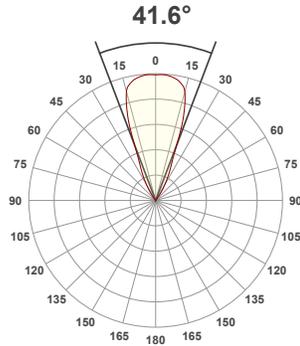
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**Axis Mini2 Long Snoot -LED50 ONE GEN2, 3000K, 55°, 350mA**

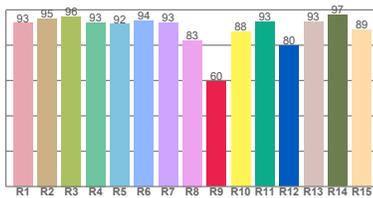
**Item number:**

**200/2-LS-LED51/2-30-55-350mA**

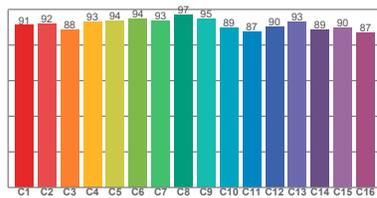
**Delivered information for above fixture and LED combination.**

**Output: 728 Lumen Peak intensity: 1444 cd Power consumption: 13.6**

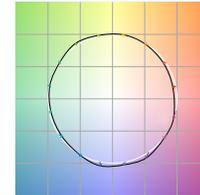
**CRI R values**



**TM30 C Values**

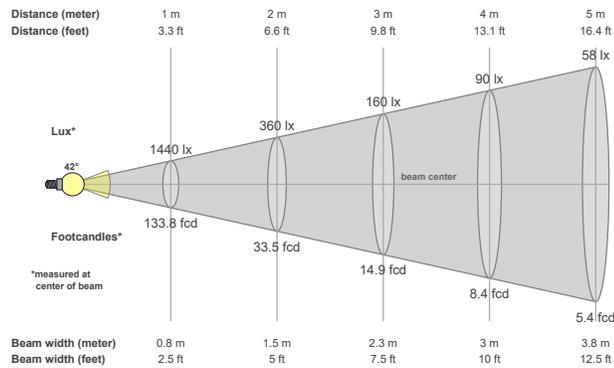


**Color vector graphics**



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	92.2	59.6	91.4	100.3	90.3	0.437	0.404	0.251	0.348	-0.0004

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
41.6°	64.7°	74.2°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1444 cd	99.5%	98.9%

**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
1440lx	360lx	160lx	90lx	58lx	40lx	29lx	23lx	18lx	14lx	12lx	10lx	9lx	7lx	6lx	6lx	5lx	4lx	4lx	4lx
133.8fcd	33.5fcd	14.9fcd	8.4fcd	5.4fcd	3.7fcd	2.7fcd	2.1fcd	1.7fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	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
- 3500K = 1
- 4000K = 1.084

Light efficiency:

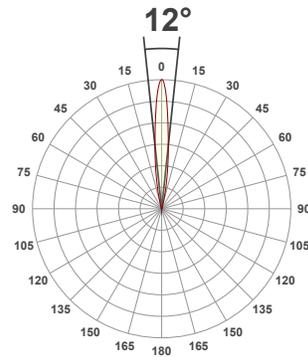
**48 Lumen/Watt**

Light quality:

**CRI: 97.8**

Color temperature:

**3000 K**



Product name:

**200-LS-LED - LED51\_U-30-12-350mA**

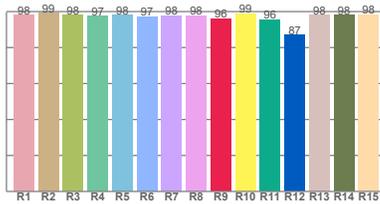
Item number:

**Axis Mini Long Snoot - LED51\_U-30-12-350mA**

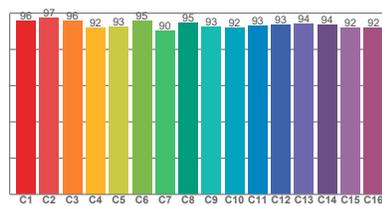
Delivered information for above fixture and LED combination.

Output: 654 Lumen Peak intensity: 9542 cd Power consumption: 13.6

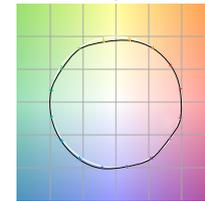
CRI R values



TM30 C Values

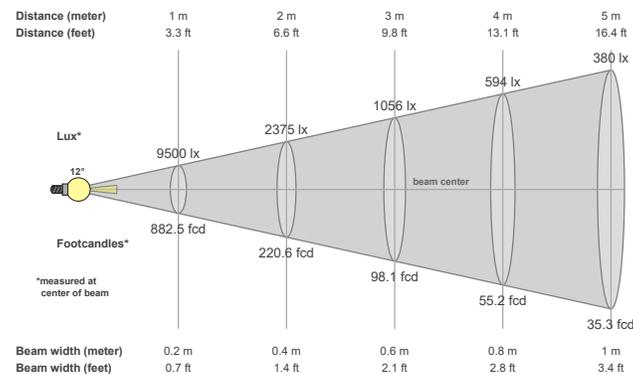


Color vector graphics



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	95.9	93.7	98.9	94.9	0.437	0.404	0.250	0.349	0.0014

### Beam details



### Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
12°	25.9°	34.9°

### Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
9542 cd	99.1%	98.5%

### 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
9500lx	2375lx	1056lx	594lx	380lx	264lx	194lx	148lx	117lx	95lx	79lx	66lx	56lx	48lx	42lx	37lx	33lx	29lx	26lx	24lx
882.5fcd	220.6fcd	98.1fcd	55.2fcd	35.3fcd	24.5fcd	18fcd	13.8fcd	10.9fcd	8.8fcd	7.3fcd	6.1fcd	5.2fcd	4.5fcd	3.9fcd	3.4fcd	3.1fcd	2.7fcd	2.4fcd	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

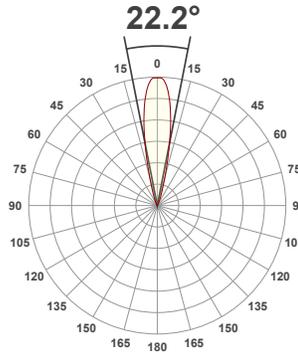
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**200-LS-LED - LED51\_U-30-24-350mA**

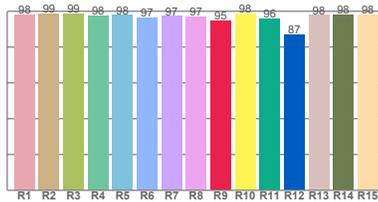
**Item number:**

**Axis Mini Long Snoot - LED51\_U-30-24-350mA**

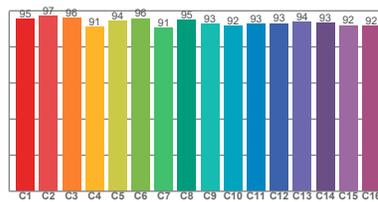
**Delivered information for above fixture and LED combination.**

**Output: 655 Lumen Peak intensity: 3915 cd Power consumption: 13.6**

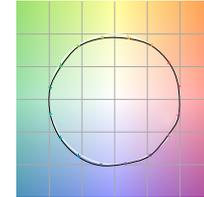
**CRI R values**



**TM30 C Values**

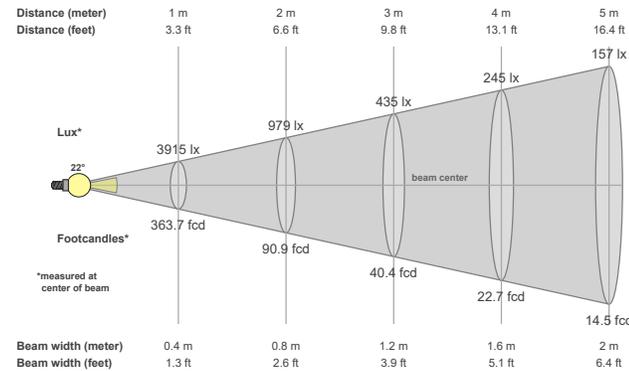


**Color vector graphics**



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	94.7	93.7	99.0	95.3	0.437	0.404	0.251	0.348	0.0008

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
22.2°	38.3°	52.5°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3915 cd	99.3%	98.9%

**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
3915lx	979lx	435lx	245lx	157lx	109lx	80lx	61lx	48lx	39lx	32lx	27lx	23lx	20lx	17lx	15lx	14lx	12lx	11lx	10lx
363.7fcd	90.9fcd	40.4fcd	22.7fcd	14.5fcd	10.1fcd	7.4fcd	5.7fcd	4.5fcd	3.6fcd	3fcd	2.5fcd	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:

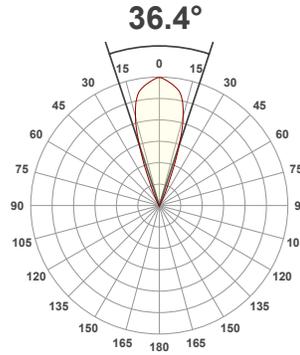
**56 Lumen/Watt**

Light quality:

**CRI: 98.0**

Color temperature:

**3000 K**



Product name:

**200-LS-LED - LED51\_U-30-38-350mA**

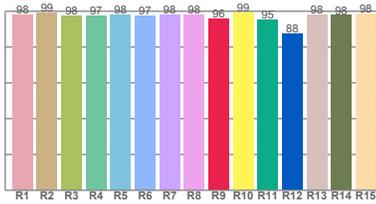
Item number:

**Axis Mini Long Snoot - LED51\_U-30-38-350mA**

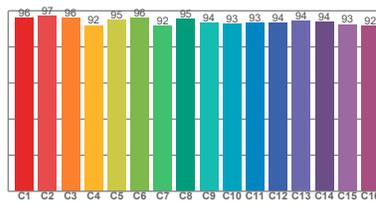
Delivered information for above fixture and LED combination.

Output: 756 Lumen Peak intensity: 2176 cd Power consumption: 13.6

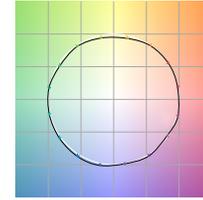
CRI R values



TM30 C Values

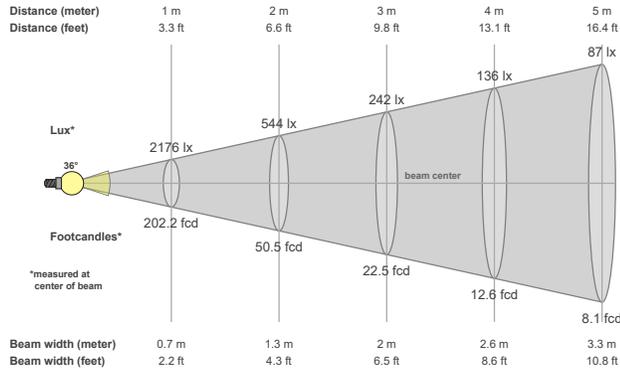


Color vector graphics



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	96.0	94.2	99.3	95.3	0.437	0.404	0.250	0.349	0.0012

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
36.4°	50.5°	61.6°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2176 cd	99.4%	98.9%

## 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
2176lx	544lx	242lx	136lx	87lx	60lx	44lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	5lx
202.2fcd	50.5fcd	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

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:

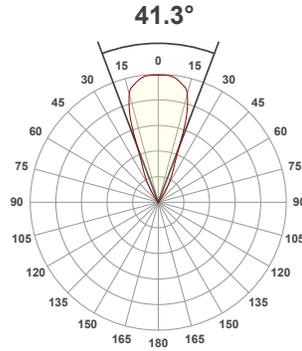
**37 Lumen/Watt**

Light quality:

**CRI: 97.9**

Color temperature:

**3000 K**



Product name:

**200-LS-LED -  
LED51\_U-30-55-350mA**

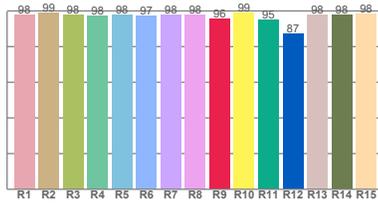
Item number:

**Axis Mini Long Snoot -  
LED51\_U-30-55-350mA**

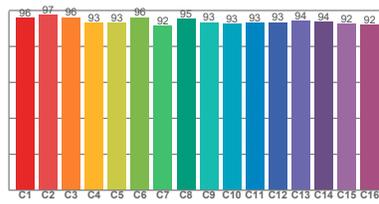
Delivered information for above  
fixture and LED combination.

Output: 505 Lumen Peak intensity: 998 cd Power consumption: 13.6

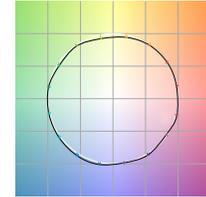
CRI R values



TM30 C Values

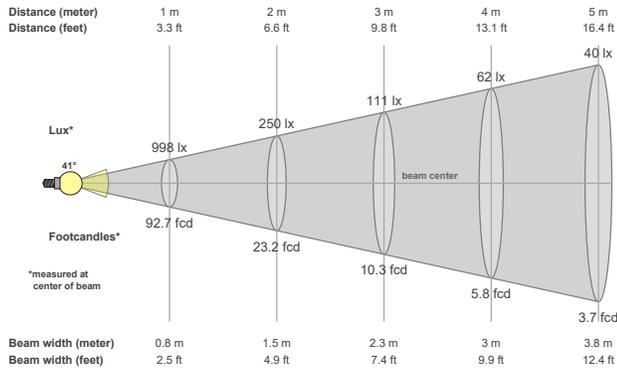


Color vector graphics



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	97.9	95.5	94.2	99.3	95.4	0.437	0.404	0.251	0.348	0.0011

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
41.3°	65.7°	75.8°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
998 cd	99.7%	99.0%

## 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
998lx	250lx	111lx	62lx	40lx	28lx	20lx	16lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx
92.7fcd	23.2fcd	10.3fcd	5.8fcd	3.7fcd	2.6fcd	1.9fcd	1.4fcd	1.1fcd	0.9fcd	0.8fcd	0.6fcd	0.5fcd	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