

ProSpex Micro40 Slot Accent



40mm (1.57”) overall diameter. Fully recessed Micro40 downlight for interior installation. Available with standard trim kit or plaster-in kit for flush appearance. 20° with standard ceiling thickness with no chamfer (Diagram 1), 35° tilt max with chamfered ceiling (Diagram 2), When using trimless kit max tilt 10° (Diagram 3). Family of matching products also available. Required depth height + 10mm^

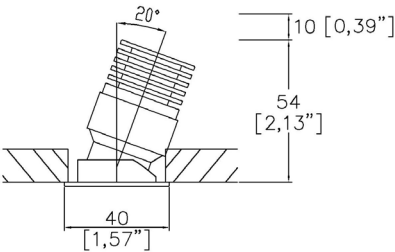


Diagram 1
M43-SA-TR
Cut-out 36mm Ø

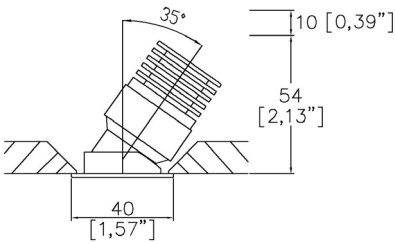


Diagram 2
M43-SA-TR
Cut-out 36mm Ø

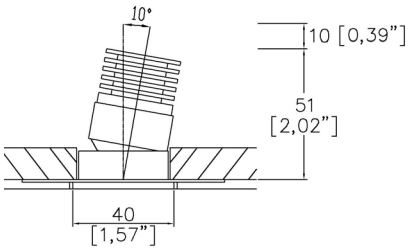


Diagram 3
M43-SA-TL
Cut-out 37mm Ø

LED Source	LED	LED	LED
CCT	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA
Power inc Driver	4.65W	4.65W	4.65W
Beam Angle	15°	22°	27°
Delivered Lumens	145	210	187
Delivered Intensisty cd	1856	1246	745
Efficacy lm/w	31	45	40
Forward Volt	11.3V	11.3V	11.3V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code:

M43-SA

 - - - - -

350

 -

Fixture

M43-SA

Micro40 Slot Accent

Installation

TR

TL

Trim

Trimless

CCT

27

30

40

90 CRI 2700K

90 CRI 3000K

90 CRI 4000K

Finish

WH

BK

White

Black

Beam

15

22

27

15°

22°

27°

Drive Current

350

350mA

Protocol

S

A

P

D

B

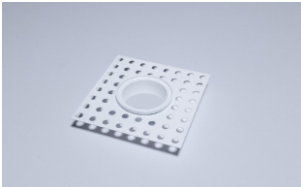
Non-Dim

Analogue (0-10v)

Phase

DALI

Bluetooth**



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 instllation 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 supersededs 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:

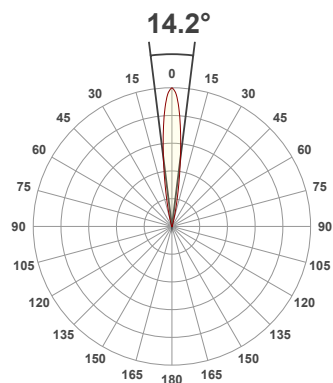
31 Lumen/Watt

Light quality:

CRI: 91.9

Color temperature:

3000 K



Product name:

M43-SA-30-15 350mA

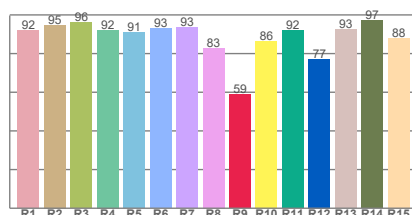
Item number:

Micro40 Slot Accent 3000K 15deg 350mA

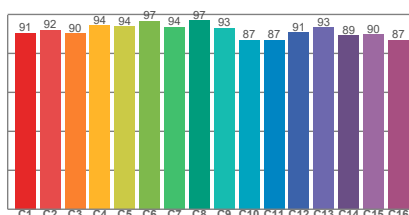
Delivered information for above fixture and LED combination.

Output: 145 Lumen Peak intensity: 1856 cd Power consumption: 4.7

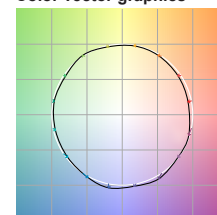
CRI R values



TM30 C Values

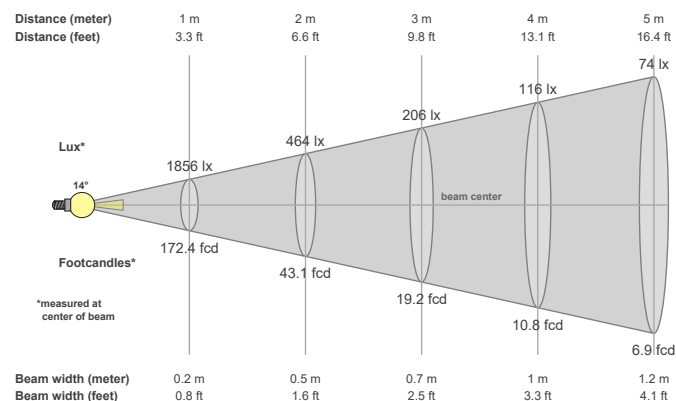


Color vector graphics



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	91.9	58.9	91.5	98.6	90.6	0.437	0.404	0.247	0.347	0.0013

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
14.2°	26.4°	35.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1856 cd	99.2%	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
1856lx	464lx	206lx	116lx	74lx	52lx	38lx	29lx	23lx	19lx	15lx	13lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx	5lx
172.4fcd	43.1fcd	19.2fcd	10.8fcd	6.9fcd	4.8fcd	3.5fcd	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 = 0.9

4000K = 1.08

Light efficiency:

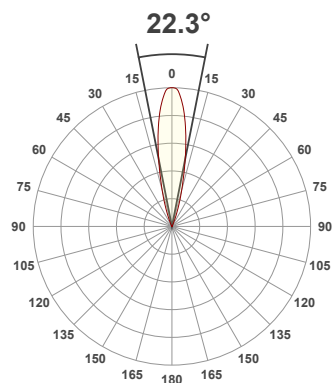
45 Lumen/Watt

Light quality:

CRI: 91.4

Color temperature:

3000 K



Product name:

M43-SA-30-22 350mA

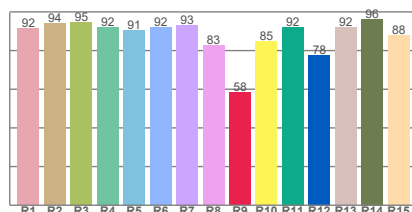
Item number:

Micro40 Slot Accent 22deg 350mA

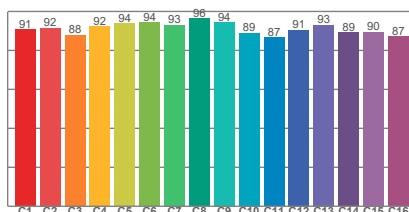
Delivered information for above fixture and LED combination.

Output: 210 Lumen Peak intensity: 1246 cd Power consumption: 4.6

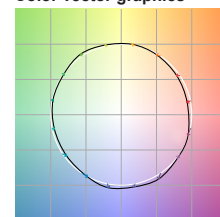
CRI R values



TM30 C Values

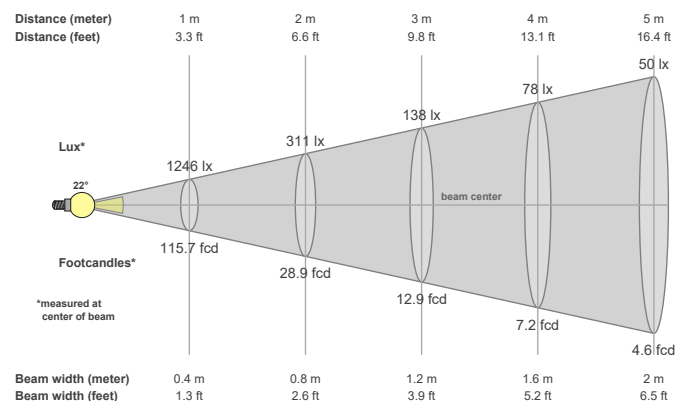


Color vector graphics



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	91.4	58.4	91.2	100.1	89.9	0.437	0.404	0.248	0.347	0.0007

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
22.3°	39.9°	49.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1246 cd	99.4%	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
1246lx	311lx	138lx	78lx	50lx	35lx	25lx	19lx	15lx	12lx	10lx	9lx	7lx	6lx	6lx	5lx	4lx	4lx	3lx	3lx
115.7fcd	28.9fcd	12.9fcd	7.2fcd	4.6fcd	3.2fcd	2.4fcd	1.8fcd	1.4fcd	1.2fcd	1fcd	0.8fcd	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 = 0.9

4000K = 1.08

Light efficiency:

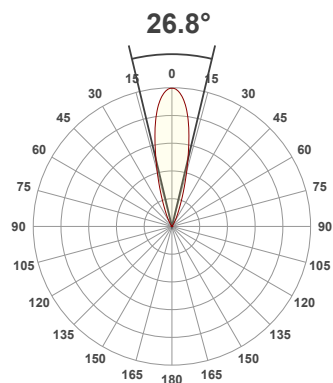
40 Lumen/Watt

Light quality:

CRI: 91.9

Color temperature:

3000 K



Product name:

M43-SA-30-27 350mA

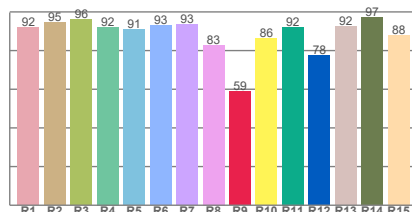
Item number:

Micro40 Slot Accent 3000K 27deg 350mA

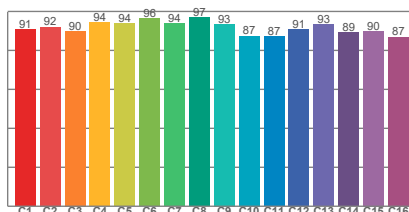
Delivered information for above fixture and LED combination.

Output: 187 Lumen Peak intensity: 745 cd Power consumption: 4.7

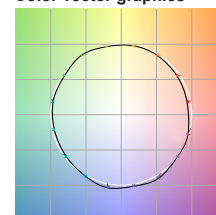
CRI R values



TM30 C Values

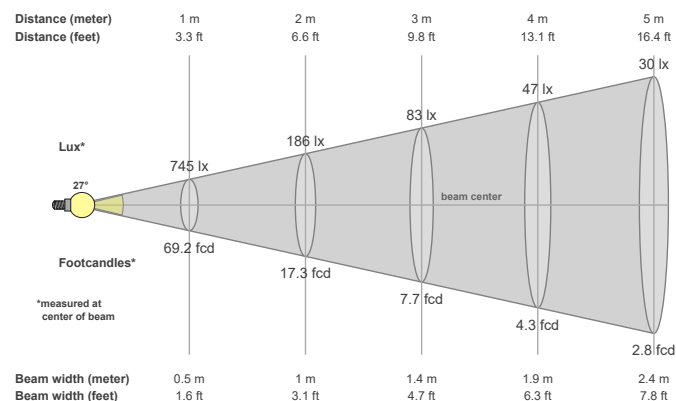


Color vector graphics



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	91.9	58.9	91.6	98.8	90.6	0.437	0.404	0.248	0.348	0.0013

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
26.8°	49.1°	63.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
745 cd	99.2%	98.7%

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
745lx	186lx	83lx	47lx	30lx	21lx	15lx	12lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
69.2fcd	17.3fcd	7.7fcd	4.3fcd	2.8fcd	1.9fcd	1.4fcd	1.1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	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

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2700K = 0.9

4000K = 1.08