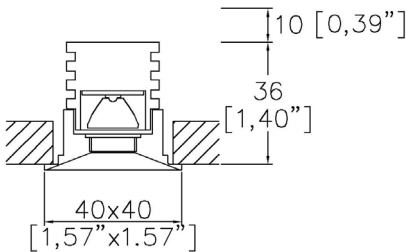


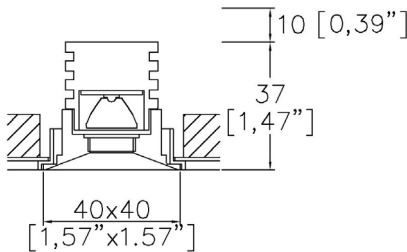
ProSpex Micro40 Pyramidal



40 x 40mm (1.57" x 1.57") overall dimension. Fully recessed Micro40 downlight for interior installation. Family of matching products also available. Required depth height + 10mm^



040-PY-TR
Cut-out 37 x 37mm



040-PY-TL
Cut-out 38 x 38mm

LED Source	LED	LED	LED	LED
CCT	3000K	3000K	3000K	3000K
Drive Current	700mA	700mA	700mA	700mA
Power inc Driver	2.6W	2.6W	2.6W	2.6W
Beam Angle	15°	25°	30°	18°x 33°
Delivered Lumens	158	162	179	159
Delivered Intensisty cd	1393	732	882	675
Efficacy lm/w	60	62	69	61
Forward Volt	3V	3V	3V	3V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Fixture Order Code: 040-PY - - - - -

Fixture
040-PY

Micro40 Pyramidal

Installation
TR
TL

Trim
Trimless

CCT
27
30
40

90 CRI 2700K
90 CRI 3000K
90 CRI 4000K

Finish
WH
BK

White
Black

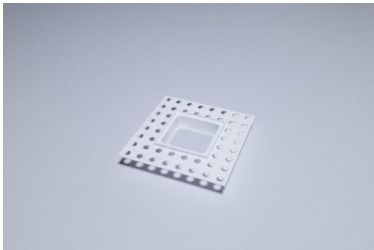
Beam
15
25
30
18x33

15°
25°
30°
18° x 33°

Protocol
S
A
P
D
B

Non-Dim
Analogue (0-10v)
Phase
DALI
Bluetooth**

Please refer to installation instruction for wiring diagram



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 superseded 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:

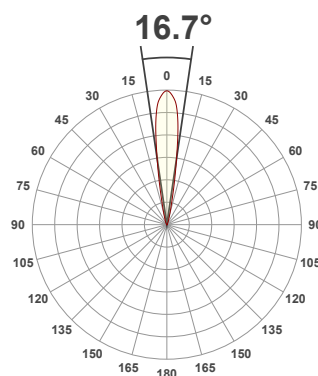
60 Lumen/Watt

Light quality:

CRI: 91.8

Color temperature:

3000 K



Product name:

Micro40 Pyramidal, 3000K, 15°, 700mA

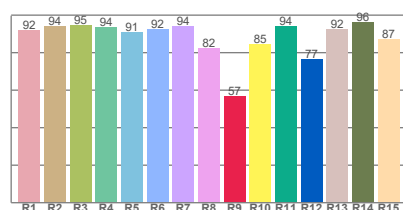
Item number:

040-PY-30-15-700mA

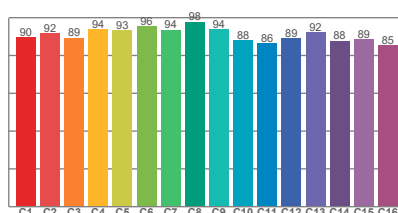
Delivered information for above fixture and LED combination.

Output: 158 Lumen Peak intensity: 1393 cd Power consumption: 2.6

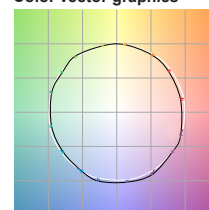
CRI R values



TM30 C Values

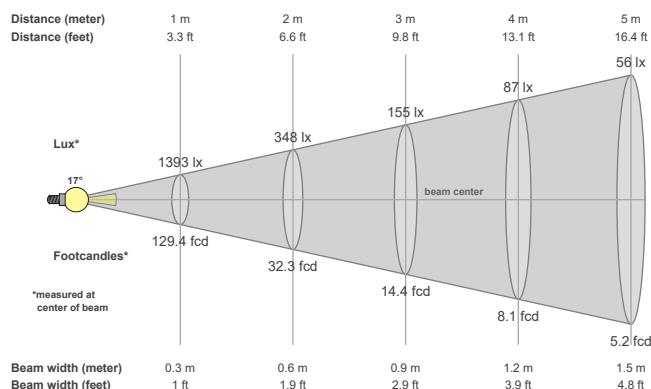


Color vector graphics



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	91.8	56.7	91.0	98.9	90.8	0.437	0.404	0.249	0.350	0.0028

Beam details



Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
16.7°	29.2°	48.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1393 cd	98.9%	96.4%

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
1393lx	348lx	155lx	87lx	56lx	39lx	28lx	22lx	17lx	14lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
129.4fcd	32.3fcd	14.4fcd	8.1fcd	5.2fcd	3.6fcd	2.6fcd	2fcd	1.6fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	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 = 0.82

4000K = 1.11

Light efficiency:

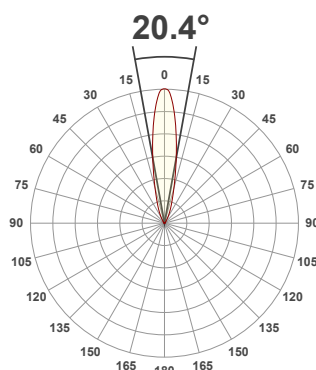
62 Lumen/Watt

Light quality:

CRI: 90.7

Color temperature:

3000 K



Product name:

Micro40 Soft, 3000K, 25°, 700mA

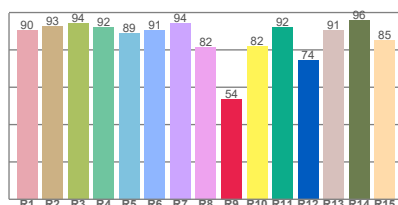
Item number:

040-SF-30-25-700mA

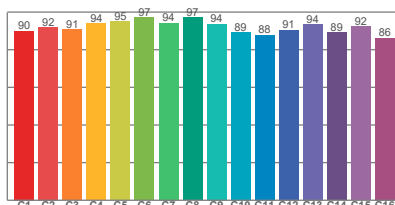
Delivered information for above fixture and LED combination.

Output: 162 Lumen Peak intensity: 732 cd Power consumption: 2.6

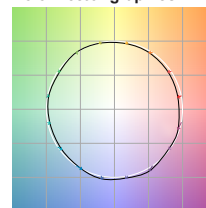
CRI R values



TM30 C Values

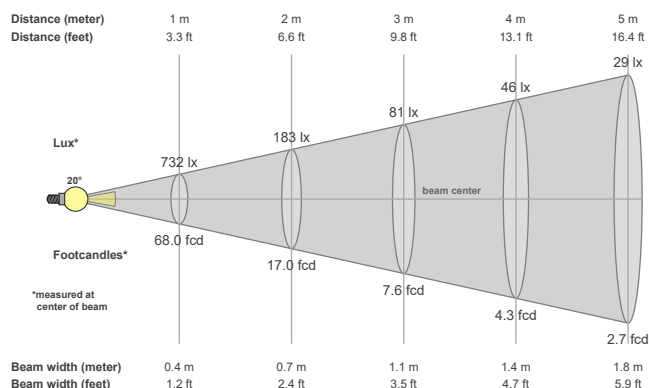


Color vector graphics



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	90.7	53.8	91.9	97.4	90.0	0.437	0.404	0.250	0.353	0.0048

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
20.4°	48°	69°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
732 cd	96.5%	93.7%

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
732lx	183lx	81lx	46lx	29lx	20lx	15lx	11lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
68fcd	17fcd	7.6fcd	4.3fcd	2.7fcd	1.9fcd	1.4fcd	1.1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	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

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82

4000K = 1.11

Light efficiency:

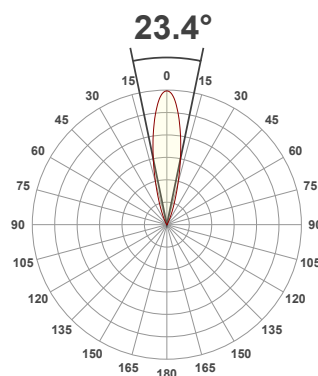
69 Lumen/Watt

Light quality:

CRI: 91.9

Color temperature:

3000 K



Product name:

Micro40 Pyramidal, 3000K, 30°, 700mA

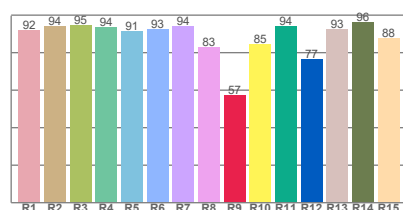
Item number:

040-PY-30-30-700mA

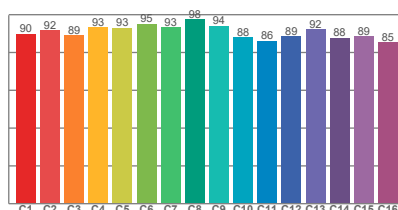
Delivered information for above fixture and LED combination.

Output: 179 Lumen Peak intensity: 882 cd Power consumption: 2.6

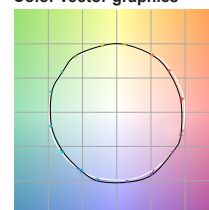
CRI R values



TM30 C Values

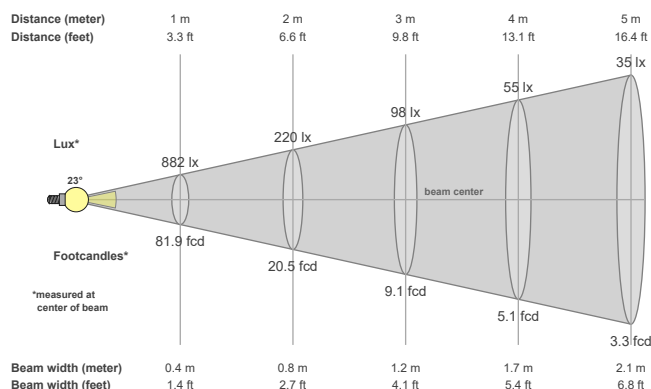


Color vector graphics



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	91.9	57.5	90.9	99.3	90.8	0.437	0.404	0.248	0.349	0.0024

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
23.4°	44°	57.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
882 cd	99.2%	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
882lx	220lx	98lx	55lx	35lx	24lx	18lx	14lx	11lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx
81.9fcd	20.5fcd	9.1fcd	5.1fcd	3.3fcd	2.3fcd	1.7fcd	1.3fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	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 = 0.82

4000K = 1.11

Light efficiency:

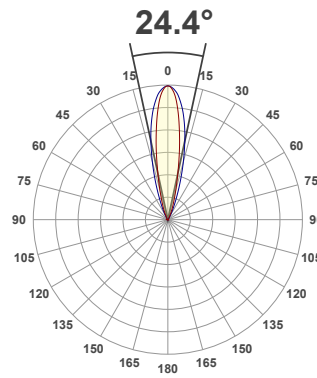
61 Lumen/Watt

Light quality:

CRI: 90.8

Color temperature:

3000 K



Product name:

Micro40 Pyramidal, 3000K, 18° x33°, 700mA

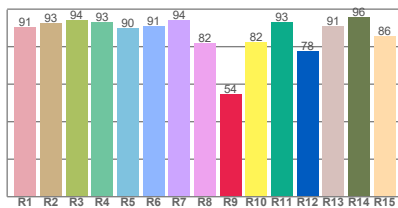
Item number:

040-PY-30-18x33-700mA

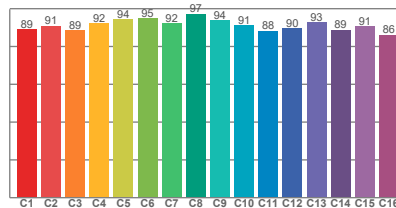
Delivered information for above fixture and LED combination.

Output: 159 Lumen Peak intensity: 675 cd Power consumption: 2.6

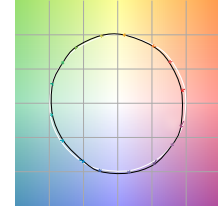
CRI R values



TM30 C Values

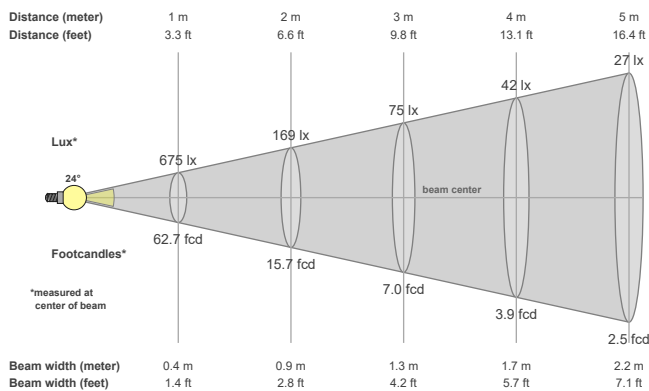


Color vector graphics



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	90.8	54.4	91.2	98.7	90.1	0.437	0.404	0.252	0.352	0.0040

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
24.4°	45.8°	62.8°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
675 cd	99.1%	96.7%

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
675lx	169lx	75lx	42lx	27lx	19lx	14lx	11lx	8lx	7lx	6lx	5lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx	2lx
62.7fcd	15.7fcd	7fcd	3.9fcd	2.5fcd	1.7fcd	1.3fcd	1fcd	0.8fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	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

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.82
4000K = 1.11