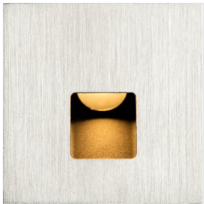
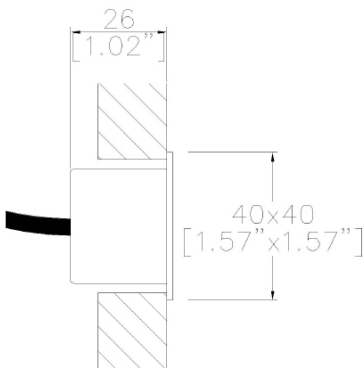


InWall40 Square



InWall provides fully recessed wall light for interior and exterior installation. InWall products are Wet rated and include round and square variants. Springs for hollow wall and tube for solid surfaces installation available. Available in 3 color temperatures. TRIAC/Phase, 0-10V/1-10V, DMX and DALI/digital dimming.



AIW40-SQ

LED Source	LED
CCT	3000K
Drive Current	700mA
Power inc Driver	2.6W
Delivered Lumens	30
Delivered Intensisty cd	59
Efficacy lm/w	12
Forward Volt	3V
CRI	≥90 CRI
Ingress Protection	IP66/67

Project Ref: _____ Location Ref: _____

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

AIW40-SQ

CCT

27

30

40

2700K

3000K

4000K

Finish

BSS

PSS

BRZ

ABZ

ASV

ABK

WH

Brushed Stainless Steel

Polished Stainless Steel

Flamed Bronze

Antique Bronze (Interior Only)

Matt Silver (Interior Only)

Matt Black

Matt RAL9016 White

Accessories

XX

TH381

Not required

IP68/Wet Connector

Installation Methods

IW40-90-SPRING

IW40-TUBE

IW40-CONDUIT

Springs for Hollow Walls

Indoor Tube

Conduit Box

For exterior use an IP68/Wet connector is required.

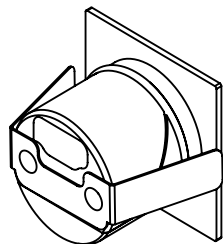
^Not all power supplies are available for single connection, some require series connection with multiple fittings.
Consult Lucent Lighting Inc for more information.

All Lucent InWall products are supplied as standard with 5ft (1.5m) lead

Installation Methods:

IW40-90-SPRING

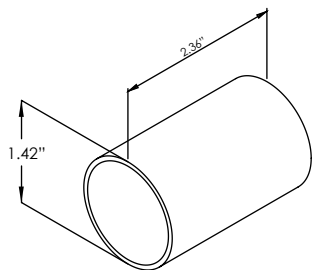
For installation in hollow walls
Cut out: 1.38" (35mm) Ø



IW40-90-SPRING

IW40-TUBE
Indoor Tube:

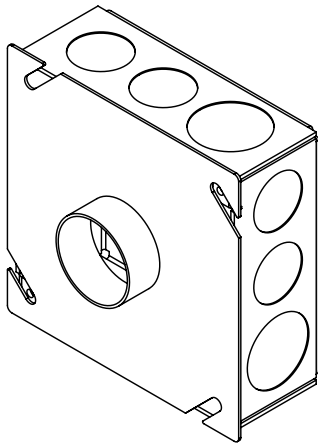
For installation in solid surfaces
Cut out: 1.42" (36mm) Ø



IW40-TUBE

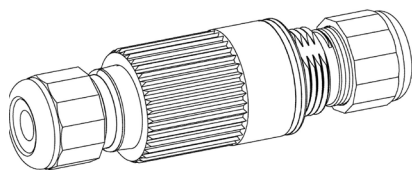
IW40-CONDUIT

Installs behind wall, Conduit must be provided
as per NEC/CEC requirements



IW40-CONDUIT

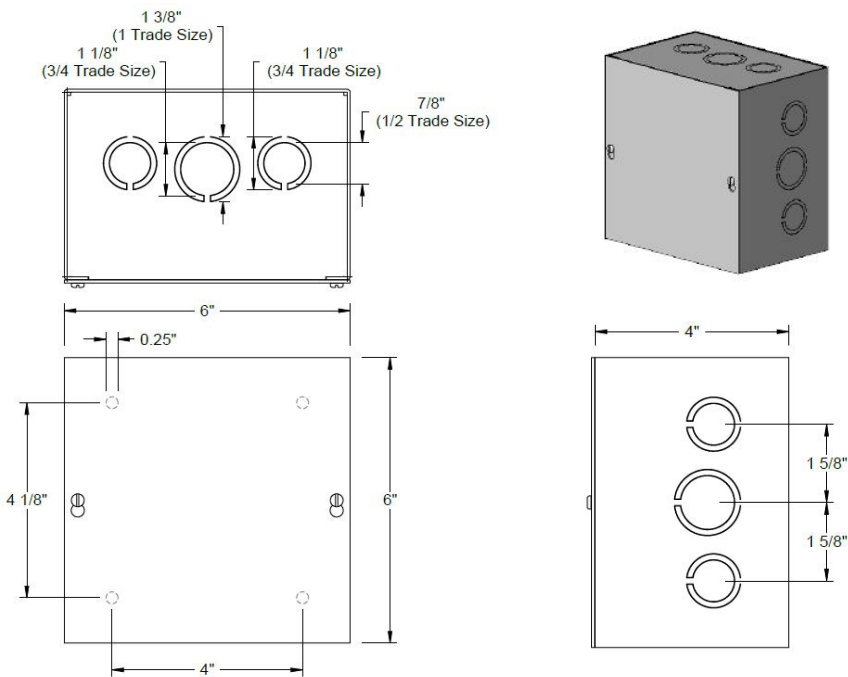
Accessories:



TH381 - IP68/Wet Connector

PSU_ENCLOSURE_UL

Enclosure Details



Factory mounted power supplies in enclosure. Maximum distance 100ft, 16AWG wire. Complies with UL2108.

Above enclosure is for the installation of one remote driver, for multiple drivers, the enclosure size will increase.

Please select your driver option from below.

PSU_ENCLOSURE_UL

- Dimming Protocol^
- S Non-Dimmable
 - P TRIAC/Phase (120V ONLY) (25-10% Minimum 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**

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.

**Bluetooth (wireless) is a communication protocol. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or Bluetooth devices.

***Non specific driver type, dimming performance depending on exact driver used. Contact Lucent Lighting for more information.

^ 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:

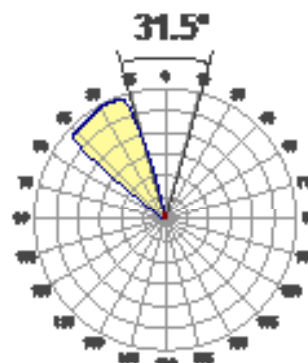
12 Lumen/Watt

Light quality:

CRI: 91.6

Color temperature:

3000 K



Product name:

InWall Square, 3000K, 700mA

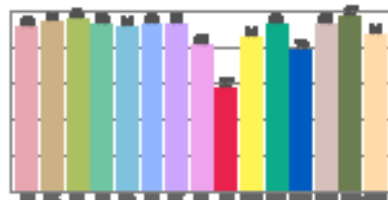
Item number:

INW40-SQ-30-700mA

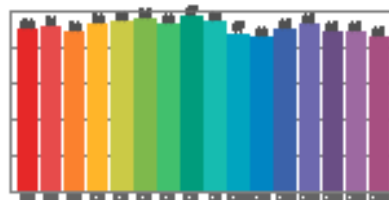
Delivered information for
above fixture and LED
combination.

Output: 30.2 Lumen Peak intensity: 58.8 cd Power consumption: 2.6

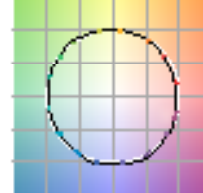
CRI values



TM30-08 values

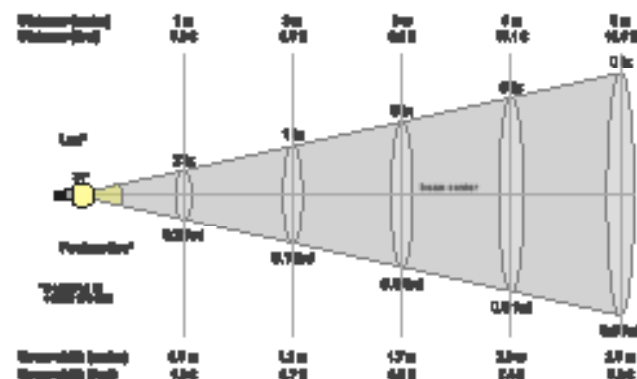


Color vector graphics



Color-render	Color-render	Red-render	Color-fid	Color-sat	Color-sat	Color-sat	Color-sat	Color-sat	Color-sat	Color-sat
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CRI	X	Y	u	v	Z
3000 K	91.6	88.7	90.6	89.4	88.3	0.437	0.404	0.248	0.248	0.0070

Beam details



Beam angle

Beam angle 10%	Field angle 10%	Cutoff angle 2.0%
31.5°	88.4°	108.4°

Beam intensities

Peak intensity	Int. ratio to 125° cone	Int. ratio to 60° cone
58.8 cd	87.3%	78.8%

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
2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
0.2fcd	0.1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

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