# ProSpex Plus Conical Fixed Flange Triple

112mm (4.41") overall trim diameter. Supplied with standard trim kit. Family of matching products also available. Required depth height + 25mm^

25
[0.98"]

120
[4.73"]

44
[1.75"]

112
[4.41"]
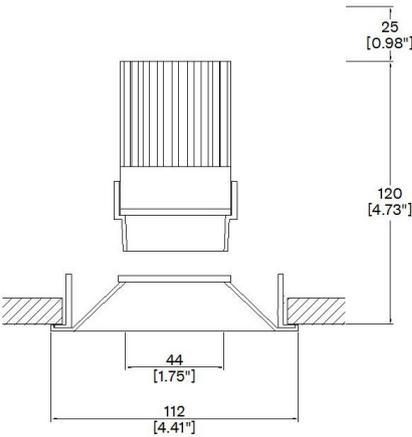
A090+LED-TR
Cut-out 4" (102mm) Ø

Fixture Output Data

LED51/2

LED Source	LED51/2	LED51/2	LED51/2	LED51/2
CCT	3000K	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA	350mA
Power inc Driver	13.6W	13.6W	13.6W	13.6W
Beam Angle	12°	24°	38°	60°
Delivered Lumens	755	767	916	820
Delivered Intensisty cd	10372	4208	2602	1175
Efficacy lm/w	56	56	67	60
Forward Volt	33V	33V	33V	33V
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI

LED51/U

LED Source	LED51/2	LED51/2	LED51/2	LED51/2
CCT	3000K	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA	350mA
Power inc Driver	13.6W	13.6W	13.6W	13.6W
Beam Angle	12°	24°	38°	60°
Delivered Lumens	693	675	811	699
Delivered Intensisty cd	9562	3884	1875	1002
Efficacy lm/w	51	50	60	51
Forward Volt	33V	33V	33V	33V
CRI	≥98 CRI	≥98 CRI	≥98 CRI	≥98 CRI

LED51SS

LED Source	LED51SS
CCT	3000K
Drive Current	500mA
Power inc Driver	6.75W
Beam Angle	7°
Delivered Lumens	411
Delivered Intensisty cd	15927
Efficacy lm/w	61
Forward Volt	11.5V
CRI	≥90 CRI

Above data is for singular fixture

LED51WD

LED Source	LED51WD	LED51WD
CCT	3000K	3000K
Drive Current	500mA	500mA
Power inc Driver	17.1W	17.1W
Beam Angle	28°	39°
Delivered Lumens	576	635
Delivered Intensisty cd	2091	1326
Efficacy lm/w	34	37
Forward Volt	29.1V	29.1V
CRI	≥95 CRI	≥95 CRI

Test results at full output

LED51TW

LED Source	LED51TW	LED51TW
CCT range 5000K-2000K	@ 3000K	@ 3000K
Drive Current (max per channel)	700mA	700mA
Power inc Driver Max	15.1W	15.1W
Beam Angle	25°	35°
Delivered Lumens	501	584
Delivered Intensisty cd	2165	1317
Efficacy lm/w	33	39
Forward Volt (max per channel)	18.4V	18.4V
CRI	≥95 CRI	≥95 CRI

Above data is for singular fixture

Project Ref:_____   Location Ref:_____

Fixture Order Code: | A090+LED-TR | – [   ] – [   ] – [   ]

Fixture
A090+LED-TR   Plus Conical Fixed Trim with LED51

Finish
WH   White
BK   Black
BK-WH   Black inner, White trim (as shown below)
RAL   Custom RAL Colour*

Location
DP   Damp
WT   Wet
XX   Standard Location

Ceiling Thickness
12   1/2"
58   5/8"
75   3/4"
C   Custom

Project Ref:_____   Location Ref:_____

LED Order Code:

[_____] – [_____] – [_____]

LED
LED51/2	LED50 ONE GEN2 (90 CRI)
LED51/U	LED50 ONE ULTRA (98 CRI)
LED51SS	LED50 ONE SuperSpot (90 CRI)
LED51WD	LED50 ONE Ambiance WarmDim (95 CRI)
LED51TW	LED50 ONE Tuneable White (95 CRI)

CCT

LED51/2 CCT
27	2700K
30	3000K
35	3500K
40	4000K

LED51/U CCT
27	2700K
30	3000K
35	3500K

LED51SS CCT
27	2700K
30	3000K
35	3500K
40	4000K

LED51WD CCT
2720	2700K - 2000K
3020	3000K - 2000K

LED51TW CCT
5020	5000K - 2000K

Beam

LED51/2 Beam
12	12°
24	24°
38	38°
60	60°

LED51/U Beam
12	12°
24	24°
38	38°
60	60°

LED51SS Beam
7	7°

LED51WD Beam
28	28°
39	39°

LED51TW Beam
25	25°
35	35°

CCT - Please choose CCT depending on LED50 ONE Module required

Beam - Please choose Beam Angle depending on LED50 ONE Module required
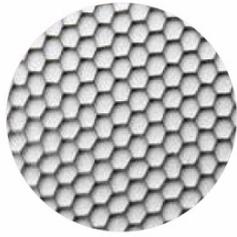
Honeycomb Louvre (LL45)
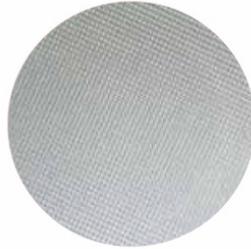
Solite/Diffusing Lens (LLDF)

Frosted Lens (LLFR)

Heavy Spread Lens (LLHS)

Linear Spread Lens (LLLS)

Warm Tone (LLCC)

Accessories Order Code:

Louvre/Lens
LL45   Honeycomb Louvre
LLCC   Warm Tone Lens
LLUV   UV Lens
LLDF   Solite/Diffusing Lens
LLFR   Frosted Lens
LLLS   Linear Spread Lens
LLHS   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 instllation instructions for details)

Location. 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.

This specification sheet supersededs all previous versions.

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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

Project Ref:_____　　　Location Ref:_____
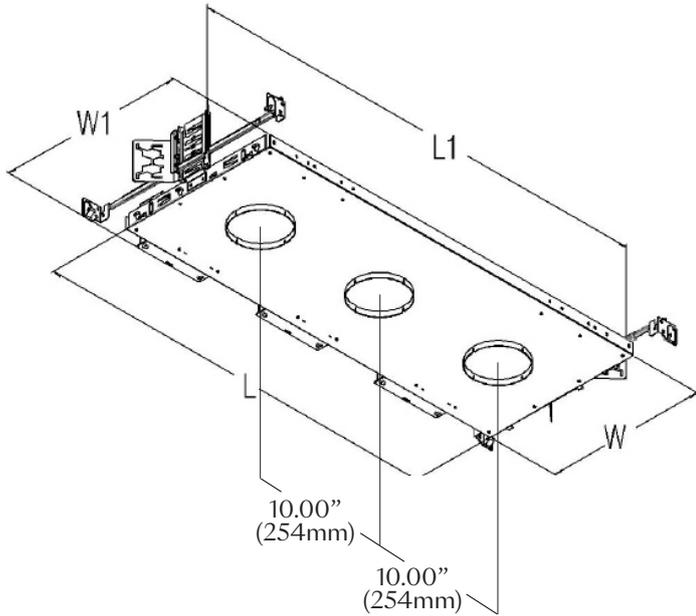
LMT-M3-NIC

O.C."	L	L1	W	W1
10.00" (254mm)	30.60" (778mm)	35.15" (893mm)	12.00" (305mm)	14.45" (369mm)

10.00" (254mm)

10.00" (254mm)

Tray Order Code:

LMT-M3-NIC – ☐ – LED51 – ☐ – ☐ – ☐

Housing Type
LMT-M3-NIC　　Lucent Triple Mounting Tray
　　　　　　　　Non-Insulated Ceiling

Mounting Hardware
09　　　　　　9" to 15.25"
14　　　　　　14" to 24"
36　　　　　　28" to 36"
BB　　　　　　Butterfly Bracket
CB　　　　　　Caterpillar Bracket

LED
LED51　　　　LED51 Range

Supply Voltage
120　　　　　　120V
277　　　　　　277V

Protocol
S	Non-Dimmable	BELOW PROTOCOL FOR LED51TW
P	TRIAC/Phase (120V ONLY)	
LP	Lutron Forward Phase 2-Wire (120V ONLY)	A2　Analogue (0-10V) 2-Channel
ESS	EcoSystem 5-Series 5%	D6　DALI Type 6**
LHE	EcoSystem Hi-Lume 1% Fade to Black	D8　DALI Type 8**
LAE	Lutron 3-Wire Hi-Lume 1%	L　Lutron (Consult Factory)
A	Analog (0-10V)	
ED	EldoLED DALI (Not Available for LED51WD)	
EA	EldoLED Analog (0-10V) (Not Available for LED51WD)	
B	Bluetooth	

Emergency
E　　　　　　Maintained 3hr Emergency
ES　　　　　　Maintained 3hr Self Test

Project Ref:_____　　　Location Ref:_____
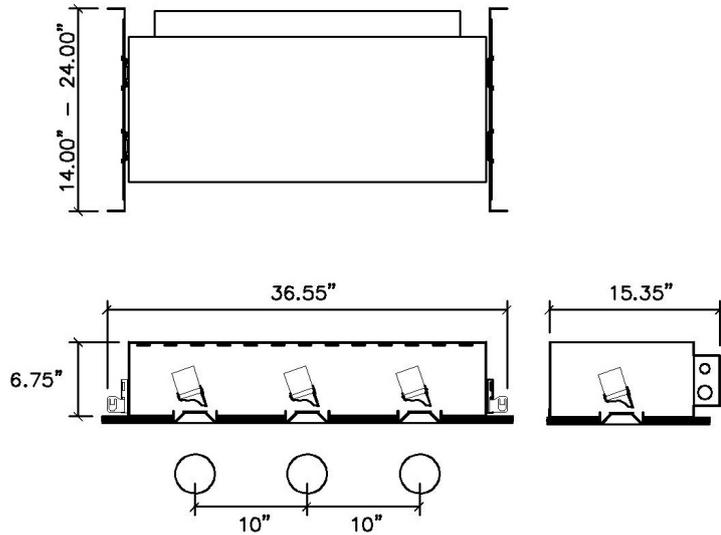
LH-M3-6.75

Tray Order Code:

| LH-M3-6.75 | – | NIC | – | ☐ | – | LED51 | – | ☐ | – | ☐ | – | ☐ |

Housing Type
LH-M3-6.75　　　Lucent Triple Housing 6.75"

Housing Type
NIC　　　Non-Insulated Ceiling

Mounting Hardware
09　　　9" to 15.25"
14　　　14" to 24"
36　　　28" to 36"
BB　　　Butterfly Bracket
CB　　　Caterpillar Bracket

LED
LED51　　　LED51 Range

Supply Voltage
120　　　120V
277　　　277V

Protocol

S	Non-Dimmable	
P	TRIAC/Phase (120V ONLY)	
LP	Lutron Forward Phase 2-Wire (120V ONLY)	
ESS	EcoSystem 5-Series 5%	
LHE	EcoSystem Hi-Lume 1% Fade to Black	
LAE	Lutron 3-Wire Hi-Lume 1%	
A	Analog (0-10V)	
ED	EldoLED DALI (Not Available for LED51WD)	
EA	EldoLED Analog (0-10V) (Not Available for LED51WD)	
B	Bluetooth	

BELOW PROTOCOL FOR LED51TW

A2	Analogue (0-10V) 2-Channel
D6	DALI Type 6**
D8	DALI Type 8**
L	Lutron (Consult Factory)

Emergency
E　　　Maintained 3hr Emergency
ES　　　Maintained 3hr Self Test

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　　　www.lucent-lighting.com/na　　　Issued: 06/20

Project Ref:_____   Location Ref:_____

LH-M3-8.50

Tray Order Code:

| LH-M3-8.50 | – | ☐ | – | ☐ | – | LED51 | – | ☐ | – | ☐ | – | ☐ |

Housing Type
LH-M3-8.50   Lucent Triple Housing 8.50"

Housing Type
NIC   Non-Insulated Ceiling
IC   Insulated Ceiling
AT   Airtight Ceiling, CCEA

Mounting Hardware
09   9" to 15.25"
14   14" to 24"
36   28" to 36"
BB   Butterfly Bracket
CB   Caterpillar Bracket

LED
LED51   LED51 Range

Supply Voltage
120   120V
277   277V

Protocol
S   Non-Dimmable
P   TRIAC/Phase (120V ONLY)
LP   Lutron Forward Phase 2-Wire (120V ONLY)
ESS   EcoSystem 5-Series 5%
LHE   EcoSystem Hi-Lume 1% Fade to Black
LAE   Lutron 3-Wire Hi-Lume 1%
A   Analog (0-10V)
ED   EldoLED DALI (Not Available for LED51WD)
EA   EldoLED Analog (0-10V) (Not Available for LED51WD)
B   Bluetooth

BELOW PROTOCOL FOR LED51TW

A2   Analogue (0-10V) 2-Channel
D6   DALI Type 6**
D8   DALI Type 8**
L   Lutron (Consult Factory)

Emergency
E   Maintained 3hr Emergency
ES   Maintained 3hr Self Test