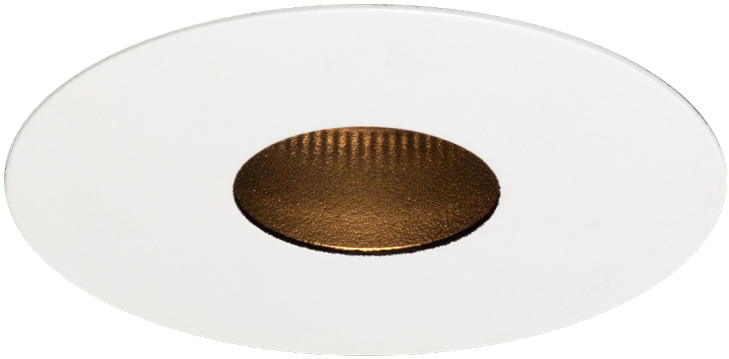
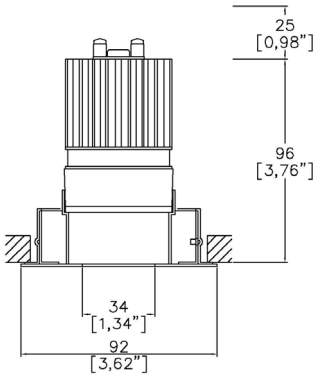
ProSpex Pinhole90 Fixed

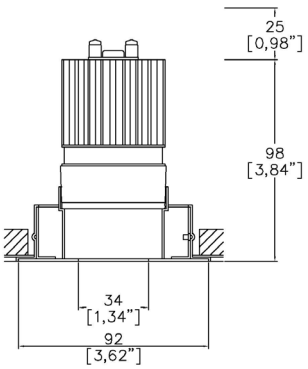
TM65.2	11kgCO2e
TM66	2.3 CEAM



92mm (3.62”) overall diameter. Available with standard trim kit or plaster-in kit for flush appearance. Family of matching products also available.



90413-F-LED + 9000-PBZ
Cut-out Ø 83mm
Required depth height+25mm^



90413-F-LED + 9000-PCZ
Cut-out Ø 83mm
Required depth height+25mm^

LED Source	LED51/3-TW		LED51/3-TW		LED51/3-TW	
CRI	≥90 CRI		≥90 CRI		≥90 CRI	
Drive Current	350mA		350mA		350mA	
Power inc Driver	15.4W		15.4W		15.4W	
Beam Angle	NF (23° / 21°)		FL (35°/32°)		WFL (48°/45°)	
Forward Volt	36V		36V		36V	
CCT	6527	4018	6527	4018	6527	4018
Delivered Lumens	745	594	873	735	731	649
Delivered Intensisty cd	3902	3357	2505	2446	1082	1057
Delivered Lumens per circuit watt	48	38	56	48	47	42

Note: Performance data is based on the Highest CCT of each module type. Refer to the table on the last page for the factors.

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Project Ref:_____ Location Ref:_____

Fixture Order Code: 90413-F-LED – [ ] – [ ]

Fixture
90413-F-LED — Pinhole90 Fixed with LED51

Finish
WH — White RAL 9010
BK — Black RAL 9005
RAL* — Custom RAL Colour*
ABR1 — Antique Brass
ABZ1 — Antique Bronze
PCH1 — Polished Chrome
PNK1 — Polished Nickel
PBR1 — Polished Brass

IP Rating
54 — IP54

Installation Order Code: [ ]

Installation
9000-PBZ — Trim kit for trimmed appearance
9000-PCZ — Plaster-kit for seamless flush appearance



Module Order Code: LED51/3-TW – [ ] – [ ]

LED
LED51/3-TW — LED50 ONE Gen3 Dynamic Tuneable White

CCT
4018 — 4000K - 1800K
6527 — 6500K - 2700K

Beam
NF — Narrow Flood
FL — Flood
WFL — Wide Flood

Driver Options: [ ]

Protocol
D6 — DALI Type 6**
D8 — DALI Type 8**
B — Bluetooth***

Emergency Options: [ ]

Emergency
E — Maintained 3hr Emergency
ED — Maintained 3hr DALI Self Test
ES — Maintained 3hr Self Test

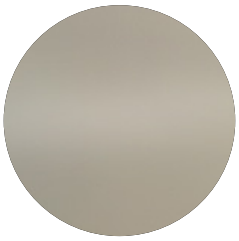
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Finish selection


Antique Brass


Antique Bronze

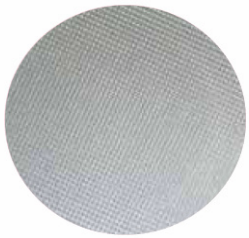

Polished Brass


Polished Nickel

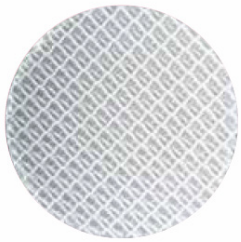

Polished Chrome

Accessories


Honeycomb Louvre


Diffusing Lens


Frosted Lens


Heavy Spread Lens


Linear Spread Lens

Accessories Order Code:

Louvre/Lens
LL45 Honeycomb Louvre
LLDF Diffusing Lens
LLFR Frosted Lens
LLLS Linear Spread Lens
LLHS Heavy Spread Lens

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LED51/3-TW Factor and Wattage Information

All values given on page 1 and ies/ldt files are at the highest colour temperature. Use the below factors and wattages to calculate lumen output for other standard colour temperatures.

	LED51/3-TW-6527		LED51/3-TW-4018	
CCT	Lm Factor	System Wattage	Lm Factor	System Wattage
6500K	1.00	15.4		
5000K	1.06	14.7		
4000K	1.08	13.6	1.00	15.4
3000K	0.83	15.4	0.90	13.6
2700K	0.63	17	0.82	13.2
2400K			0.76	13.5
2200K			0.71	14
1800K			0.59	15.1

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.

**DALI Type 6 requires two DALI addresses, one for CCT control the other for Intesisty control. DALI Type 8 is a single DALI Type 8 address for CCT and Intesisty control. Please check which control system is being used before specifying.

**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

Note that the picture of the finishes provided is for illustrative purposes only. The finishes may vary in colour, texture and appearance. Contact Lucent lighting Ltd for more information.

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.

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Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE