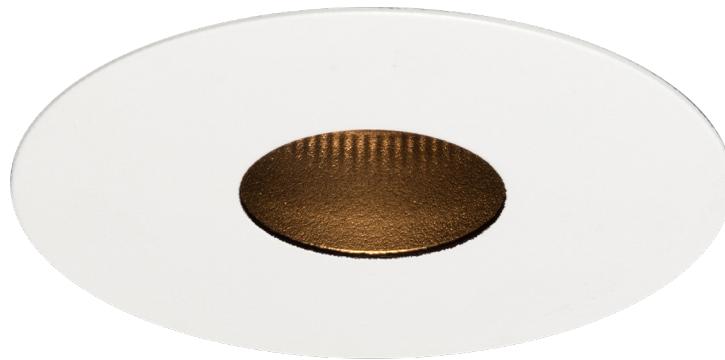


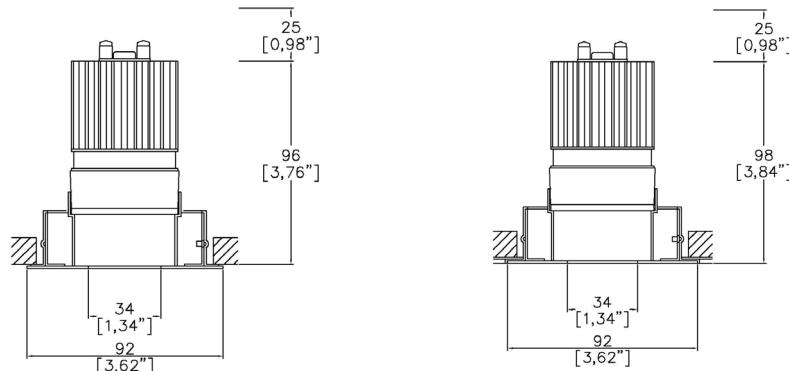
ProSpex Pinhole90 Fixed

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 Intensity cd	3902 3357	2505 2446	1082 1057
Delivered Lumens per circuit watt	48 38	56 48	47 42

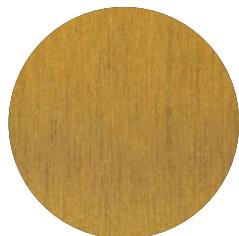
Note: Performance data is based on the Highest CCT of each module type. Refer to the table on the last page for the factors.

Project Ref: _____

Location Ref: _____

Fixture Order Code: 90413-F-LED - - Fixture
90413-F-LED Pinhole90 Fixed with LED51Finish
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 BrassIP Rating
54 IP54Installation Order Code: Installation
9000-PBZ Trim kit for trimmed appearance
9000-PCZ Plaster-kit for seamless flush appearanceModule Order Code: LED51/3-TW - - LED
LED51/3-TW LED50 ONE Gen3 Dynamic Tuneable WhiteCCT
4018
6527 4000K - 1800K
6500K - 2700KBeam
NF
FL
WFL Narrow Flood
Flood
Wide FloodDriver 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

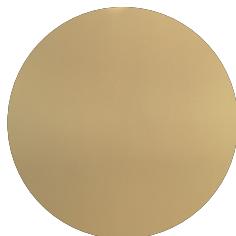
Finish selection



Antique Brass



Antique Bronze



Polished Brass

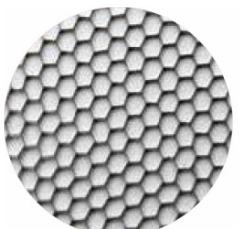


Polished Nickel

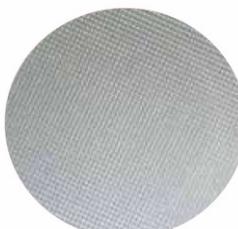


Polished Chrome

Accessories



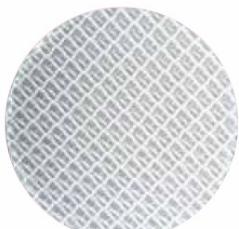
Honeycomb Louvre



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

Factor Table

CCT	6500K-2700K		4000K-1800K	
	Lm Factor	System Wattage	Lm Factor	System Wattage
6500K	1.00	9.2		
5000K	1.12	9.2		
4000K	1.23	10.6	1.00	9.2
3000K	0.95	9.4	1.00	9.7
2700K	0.82	8.4	1.00	10.9
2400K			0.88	11
2200K			0.75	10.2
1800K			0.53	8.6

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 installation instructions for details). Data correct at time of publishing

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 supersedes 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