



Surge Protection

For comprehensive protection of a luminaire against electrical surges, surge protection shall be installed on the mains supply where required to protect luminaires and drivers from transient voltage damage.

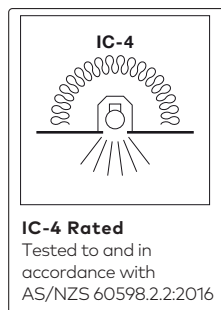
For warranty information visit unios.com/warranty

Please read these installation instructions carefully before installing this luminaire. This product must be installed and maintained by a suitably qualified person/s in compliance with the latest applicable regulations and relevant legislation.

Unios does not warrant any claim based on defects or damage caused by misuse, improper installation, improper operation and/or modifications carried out by the purchaser or third parties. This luminaire will not be used as a 'Working light' during construction. This will result in the warranty of the luminaire to be void. For warranty duration, please refer to the data sheet.

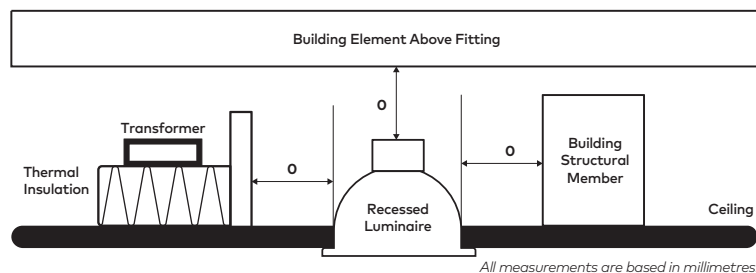
Minimum clearance for luminaire

① **Risk of Fire** – Required clearance from structure members and building elements. Details below:

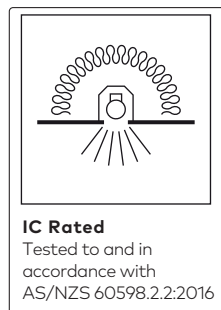


Barrier required for loose fill insulation or loose combustible materials

Please ensure the driver is fixed above any insulation



Adjustable Model

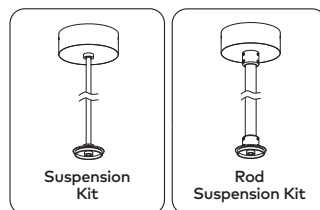


Product Code

AADJXXXX

For Apex models that are adjustable, the luminaire is IC Rated.

Additional Accessories



Corrosion Protection

It is important to note that care must be taken during installation or maintenance to ensure that the surface of the luminaire is not damaged. Any damage, which is exposed to moisture will result in corrosion occurring.

Please also note that any chemical applications on the luminaire or chemical contact via installation or maintenance will cause corrosion of the surface of the luminaire and will void the warranty.



Download Suspension Kit
Installation Instructions

unios.com/downlightsuspensionims



Apex

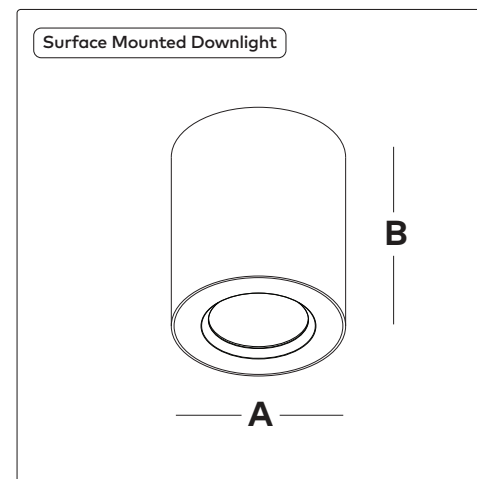
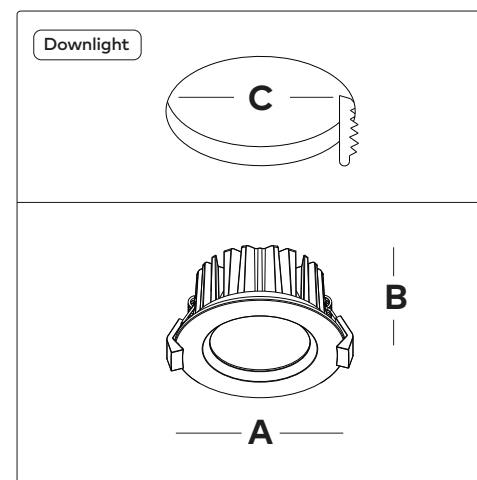
SERIES

Base Codes	Small APEX0080	Medium APEX0105	Large APEX0145	Adjustable AADJ0097	  	
 Recessed: Class III <i>Luminaire only</i>		 Surface Mounted: Class I 220~240V ~ 50/60Hz		Material Aluminium		
IP Rating IP65, IP20 (Surface Mounted)		Operating Temp <35°C		Install Person/s 1x 		
Power 22-32 Watts						

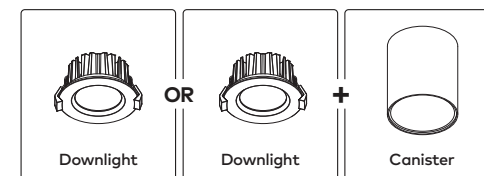


CAUTION – This product must be installed by a qualified installer

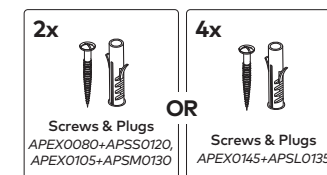
Please read instruction manual carefully before installing luminaire



Required Components



Parts



Sizing Variations

Product Code		A	B	C
Downlight	APEX0080	Ø 80	50	Ø 70
	APEX0105	Ø 105	50	Ø 92
	APEX0145	Ø 145	70	Ø 125
	AADJ0097	Ø 97	75	Ø 90
Surface Mounted Downlight	APEX0080+APSS0120	Ø 85	120	-
	APEX0105+APSM0130	Ø 110	130	-
	APEX0145+APSL0135	Ø 150	135	-

All measurements are in millimetres.

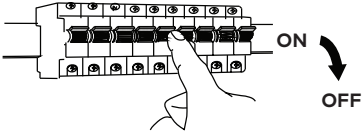


CAUTION



Switch off main electrical power prior to installing and powering this luminaire.

Do not open luminaire whilst the main electrical power is active.



Recessed Downlight Installation

1

8-25mm

Small: Ø70mm Medium: Ø92mm
Large: Ø125mm Adjustable: Ø90mm

Cut out a hole with the diameter suitable for your downlight

2

Connect luminaire to remote driver with supplied matching SELV plug

3B

3

Fold back spring clips and insert luminaire
3B: For adjustable models, adjust as necessary

Surface Mounted Downlight Installation

1

Refer to Canister Mounting Plate section on page 3 for measurements

Unscrew backplate from canister and install bracket to surface using supplied screws

2

3

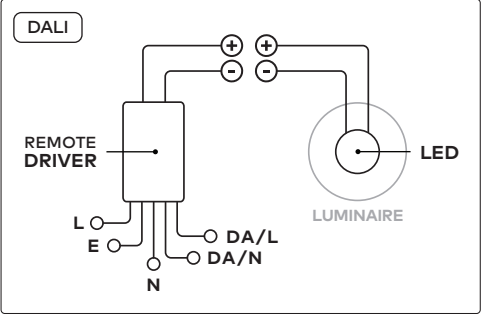
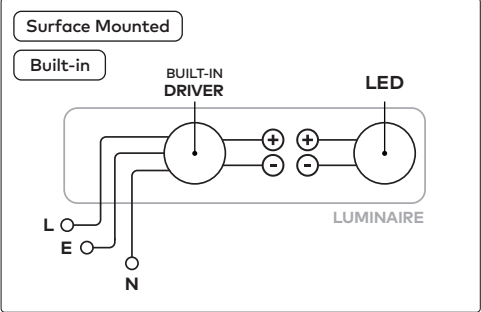
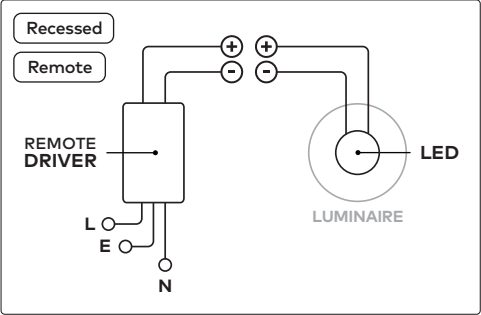
Connect L-E-N to quick connectors and screw canister on to mounting bracket

4

5

Connect luminaire to driver, fold back spring clips and insert luminaire

Wiring

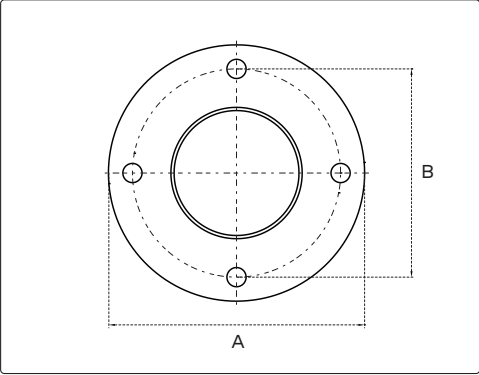


Dimming

This luminaire can be dimmed. Unios® recommends a phase-cut dimmer or DALI solution optimised for LED technology.

For full list of compatible drivers, see unios.com

Canister Mounting Plate



Product Code	A	B
APSS0120	80	65
APSM0130	102	76
APSL0135	145	120

All measurements are in millimetres.

Luminaire Compatibility

Product Code	Output Power	Driving Current	Forward Voltage
APEX0080	8W	200mA	36-38V
	10W	250mA	
APEX0105	8W	200mA	36-38V
	10W	250mA	
	13W	300mA	
	15W	350mA	
APEX0145	10W	250mA	36-38V
	13W	300mA	
	15W	350mA	
	25W	700mA	
AADJ0097	8W	200mA	36-38V
	10W	250mA	
	13W	300mA	
	15W	350mA	

