HCP-81XX1606 SERIES

6W Recessed LED Downlight

Aluminium · Black or White

6W MAX WATTAGE	325lm UP TO
90+ CRI	60° BEAM ANGLE
<19 UGR	IP44 FRONT OF FITTING

WARRANTY T&CS

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ALUMINIUM BLACK

HCP-81221606 TRIAC
HCP-81241606 DALI



ALUMINIUM WHITE

HCP-81321606 TRIAC
HCP-81341606 DALI

TRIAC DIMMING · DALI 2 · IP44 INDOOR/OUTDOOR WATER RESISTANT · IC-4

01 PRODUCT SPECIFICATIONS

MATERIAL	Aluminium
COLOUR / FINISH	Black or White
INSTALLATION TYPE	Ceiling – Recessed
CUT OUT	Ø90mm
COLOUR TEMP	2700K · 3000K · 4000K · 5000K · 5700K
LUMENS	274lm · 279lm · 300lm · 318lm · 325lm
INPUT VOLTAGE	240V (supplied with flex & plug)
PROTECTION CLASS	2 (no earth required)
LAMP BASE	Built in LED
MAX WATTAGE	6W
DIMMING	TRIAC or DALI 2
CRI	90+
BEAM ANGLE	60° (other beam angles available)
IP RATING	IP44 (front of fitting only)
IK RATING	IK02
LAMP EXPECTANCY	>50,000hrs*
SDCM	<3
UGR	<19
IC RATING	IC-4
TILT	No tilt
WARRANTY	5 years replacement*

02 PRODUCT ORDERING

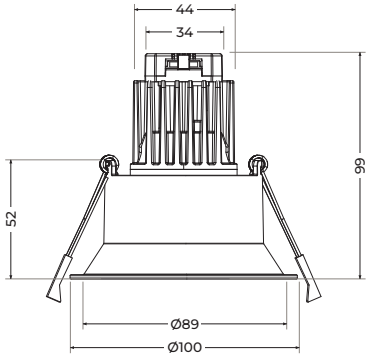
	ORDER CODE	FINISH	LAMP	DIMMING	BARCODE
	**HCP-81221606**	Aluminium Black	6W built in LED · 5 colour	TRIAC dimmable	9350418097729
	**HCP-81241606**	Aluminium Black	6W built in LED · 5 colour	DALI dimmable	9350418097866
	**HCP-81321606**	Aluminium White	6W built in LED · 5 colour	TRIAC dimmable	9350418097798
	**HCP-81341606**	Aluminium White	6W built in LED · 5 colour	DALI dimmable	9350418097934

SELECTABLE COLOUR TEMP

- **2700K** 274lm
- **3000K** 279lm
- **4000K** 300lm
- **5000K** 318lm
- **5700K** 325lm

03 DIMENSIONS

CUT OUT = Ø90MM



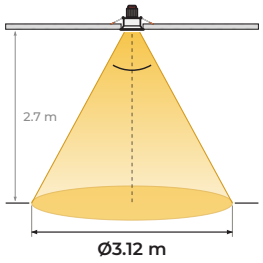
*See Warranty Terms & Conditions for more information.

04 BEAM ANGLE OPTIONS

BEAM DIAMETER AT FLOOR LEVEL*

60°

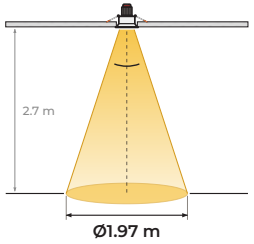
Standard optic
SUPPLIED AS STANDARD



2.4 m ceiling	**Ø2.77 m**
2.7 m ceiling	**Ø3.12 m**
3.0 m ceiling	**Ø3.46 m**

40°

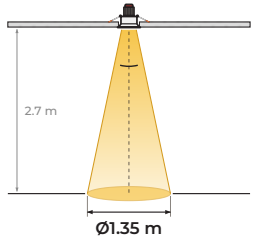
HCP-80090-40
OPTIONAL REFLECTOR



2.4 m ceiling	**Ø1.75 m**
2.7 m ceiling	**Ø1.97 m**
3.0 m ceiling	**Ø2.18 m**

28°

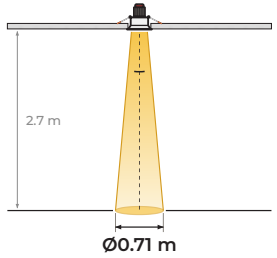
HCP-80090-28
OPTIONAL REFLECTOR



2.4 m ceiling	**Ø1.20 m**
2.7 m ceiling	**Ø1.35 m**
3.0 m ceiling	**Ø1.50 m**

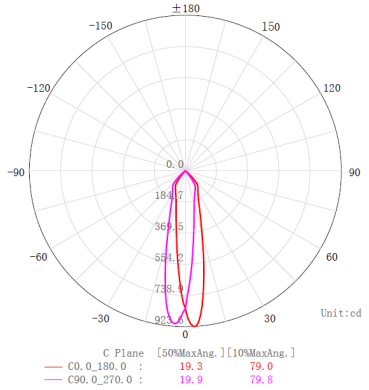
15°

HCP-80090-15
OPTIONAL REFLECTOR



2.4 m ceiling	**Ø0.63 m**
2.7 m ceiling	**Ø0.71 m**
3.0 m ceiling	**Ø0.79 m**

05 PHOTOMETRICS



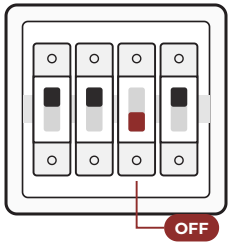
06 COLOUR TEMP



2700K · 3000K · 4000K · 5000K · 5700K

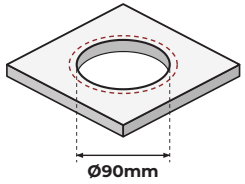
Selectable colour temperature at the back of the module.

07 INSTALLATION



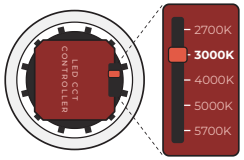
01
ISOLATE POWER

Turn off the supply at the switchboard before installing or servicing.



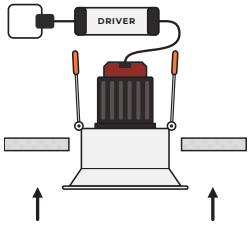
02
CUT THE CEILING

Cut a Ø90mm hole. Check the ceiling void is clear of joists, pipes and cables.



03
SET COLOUR TEMP

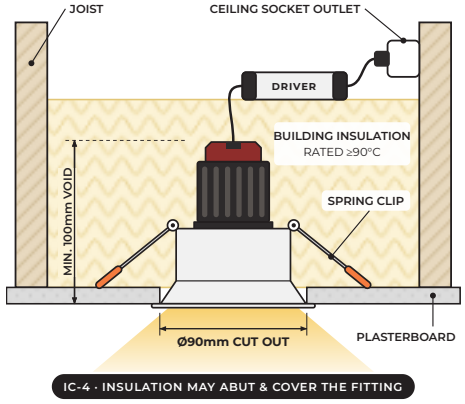
Slide the switch on the back of the module to the required colour temperature.



04
CONNECT & INSERT

Plug the driver flex into the ceiling socket. Hold the spring clips upright, push the fitting in and release.

08 TYPICAL INSTALLATION SECTION VIEW



IC-4 rated. Spring clips bear on the top of the ceiling lining; the external driver connects by flex and plug to a ceiling socket outlet.

09 INSTALLATION NOTES

01 Installation must be carried out by a licensed electrician in accordance with AS/NZS 3000.

02 External LED driver with flex & plug for connection to a ceiling socket outlet. Class 2 – no earth required.

03 Allow a minimum 100mm clear ceiling void (fitting height 99mm).

04 IC-4 rated: building insulation rated for continuous exposure to 90°C may abut and cover the fitting.

05 IP44 applies to the front of the fitting only – the rear must sit in a dry ceiling space.

06 TRIAC models: use a compatible trailing-edge dimmer. DALI models require a DALI-2 control system.

07 Optional reflectors are sold separately – fit the chosen reflector before installing the downlight.

08 Clean with a soft dry cloth only. Do not use solvents or abrasive cleaners.

*Beam diameters are calculated from the nominal beam angle (50% peak intensity) and are indicative only. See Warranty Terms & Conditions for more information.