HCP-81XX2083 SERIES

13W Recessed LED Downlight

Aluminium · Black or White
3000K · CRI 97+

13 W MAX WATTAGE	939 lm LUMENS
97+ CRI	60° BEAM ANGLE
<25 UGR	IP65 FRONT OF FITTING

WARRANTY T&CS

WEBSITE

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ALUMINIUM BLACK

HCP-81222083 TRIAC
HCP-81242083 DALI



ALUMINIUM WHITE

HCP-81322083 TRIAC
HCP-81342083 DALI

01 PRODUCT SPECIFICATIONS

MATERIAL	Aluminium
COLOUR / FINISH	Black or White
INSTALLATION TYPE	Ceiling – Recessed
CUT OUT	Ø80mm
COLOUR TEMP	3000K
LUMENS	939lm
INPUT VOLTAGE	240V (supplied with flex & plug)
PROTECTION CLASS	2 (no earth required)
LAMP BASE	Built in LED
MAX WATTAGE	13W
DIMMING	TRIAC or DALI 2
CRI	97+
BEAM ANGLE	60° (other beam angles available)
IP RATING	IP65 (front of fitting only)
IK RATING	IK02
LAMP EXPECTANCY	>50,000hrs*
SDCM	<3
UGR	<25
IC RATING	IC-4
TILT	No tilt
WARRANTY	5 years replacement*

02 PRODUCT ORDERING

	ORDER CODE	FINISH	LAMP	DIMMING	BARCODE
	HCP-81222083	Aluminium Black	13W built in LED · 3000K	TRIAC dimmable	9350418099297
	HCP-81242083	Aluminium Black	13W built in LED · 3000K	DALI dimmable	9350418099433
	HCP-81322083	Aluminium White	13W built in LED · 3000K	TRIAC dimmable	9350418099365
	HCP-81342083	Aluminium White	13W built in LED · 3000K	DALI dimmable	9350418099501

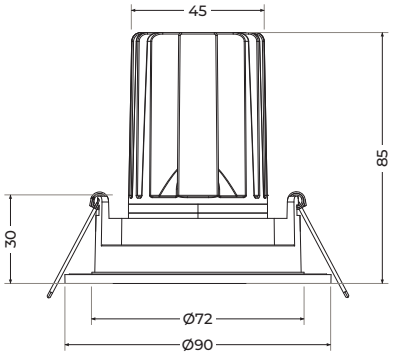
COLOUR TEMP & RENDERING

3000K
939lm

CRI 97+
Exceptional colour accuracy

03 DIMENSIONS

CUT OUT = Ø80MM



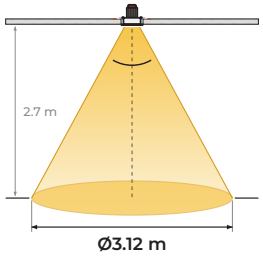
*See Warranty Terms & Conditions for more information.

04 BEAM ANGLE OPTIONS

BEAM DIAMETER AT FLOOR LEVEL*

60°

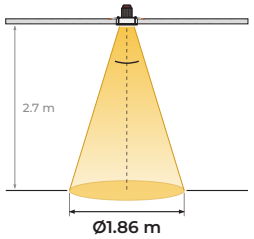
Standard optic
SUPPLIED AS STANDARD



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

38°

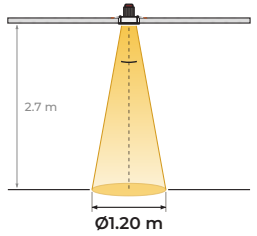
HCP-80090-38
OPTIONAL REFLECTOR



2.4 m ceiling	**Ø1.65 m**
2.7 m ceiling	**Ø1.86 m**
3.0 m ceiling	**Ø2.07 m**

25°

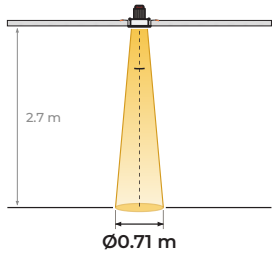
HCP-80090-25
OPTIONAL REFLECTOR



2.4 m ceiling	**Ø1.06 m**
2.7 m ceiling	**Ø1.20 m**
3.0 m ceiling	**Ø1.33 m**

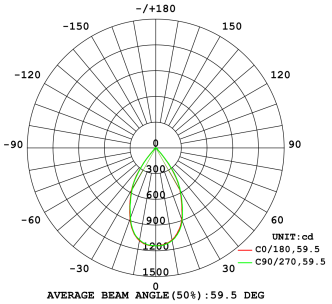
15°

HCP-80090-15
OPTIONAL REFLECTOR

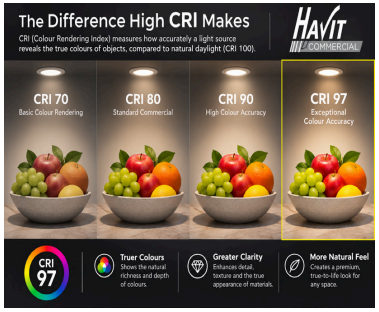


2.4 m ceiling	**Ø0.63 m**
2.7 m ceiling	**Ø0.71 m**
3.0 m ceiling	**Ø0.79 m**

05 PHOTOMETRICS



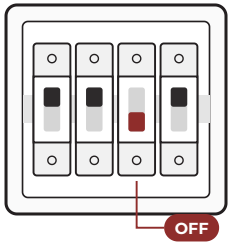
06 COLOUR QUALITY



3000K	939lm	CRI 97+

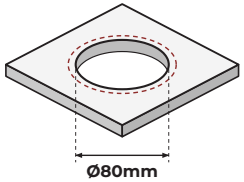
3000K warm white with exceptional colour accuracy (CRI 97+).

07 INSTALLATION



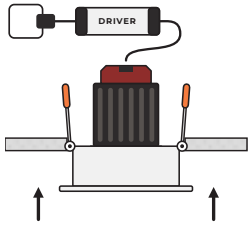
01
ISOLATE POWER

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



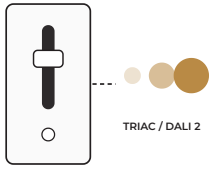
02
CUT THE CEILING

Cut a Ø80mm hole. Check the ceiling void is clear of joists, pipes and cables.



03
CONNECT & INSERT

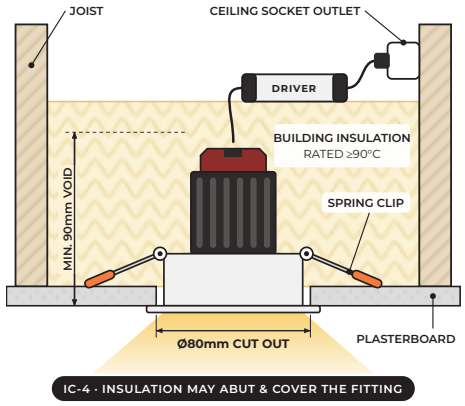
Plug the driver flex into the ceiling socket. Hold the spring clips upright, push the fitting in and release.



04
TEST DIMMING

Restore power and check operation with a compatible TRIAC dimmer or DALI-2 control.

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 90mm clear ceiling void (fitting height 85mm).

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

05 IP65 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.