HCP-81X51613 SERIES

13W Recessed LED Downlight

Aluminium · Black or White
DALI Tunable · 2700K – 6500K

13w	1024lm
MAX WATTAGE	UP TO
90+	60°
CRI	BEAM ANGLE
<19	IP44
UGR	FRONT OF FITTING

WARRANTY T&CS WEBSITE

Havit Commercial

www.havitcommercial.com.au · 02 9381 8383
sales@havitcommercial.com.au
8/133 Beauchamp Road, Matraville, N.S.W., 2036



ALUMINIUM BLACK
HCP-81251613
DALI 2 tunable



ALUMINIUM WHITE
HCP-81351613
DALI 2 tunable

01 PRODUCT SPECIFICATIONS

MATERIAL	Aluminium
COLOUR / FINISH	Black or White
INSTALLATION TYPE	Ceiling – Recessed
CUT OUT	Ø90mm
COLOUR TEMP	2700K – 6500K (tunable)
LUMENS	955lm – 1024lm
INPUT VOLTAGE	240V (supplied with flex & plug)
PROTECTION CLASS	2 (no earth required)
LAMP BASE	Built in LED
MAX WATTAGE	13W
DIMMING	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-81251613**	Aluminium Black	13W built in LED · 2700K – 6500K	DALI 2 tunable	9350418098849
	**HCP-81351613**	Aluminium White	13W built in LED · 2700K – 6500K	DALI 2 tunable	9350418098917

TUNABLE COLOUR TEMP

2700K warm — 955lm – 1024lm — cool **6500K**

OPTIONAL REFLECTORS

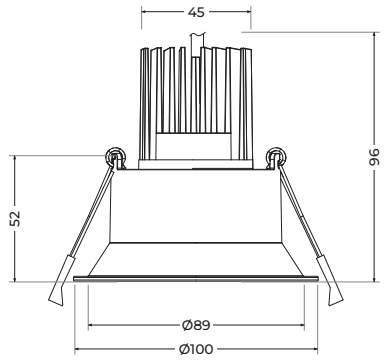
	**HCP-80091-15**	15 Degrees
	**HCP-80091-25**	25 Degrees
	**HCP-80091-38**	38 Degrees

OPTIONAL CONTROLLERS

	**HCP-79280**	DALI DT8 tunable touch panel controller
	**HCP-79283**	DALI DT8 tunable rotary controller

03 DIMENSIONS

CUT OUT = Ø90MM



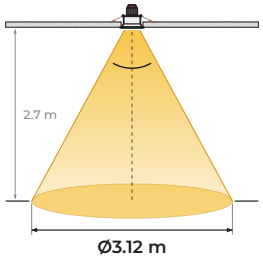
*See Warranty Terms & Conditions for more information.

04 BEAM ANGLE OPTIONS

BEAM DIAMETER AT FLOOR LEVEL*

60°

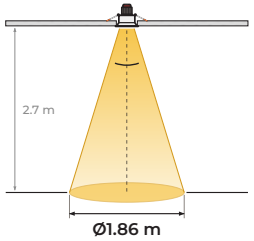
Standard optic
SUPPLIED AS STANDARD



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

38°

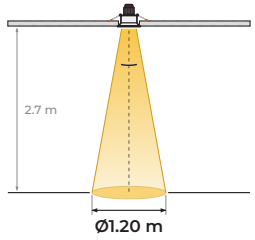
HCP-80091-38
OPTIONAL REFLECTOR



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

25°

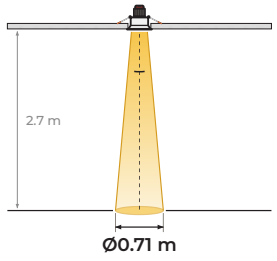
HCP-80091-25
OPTIONAL REFLECTOR



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

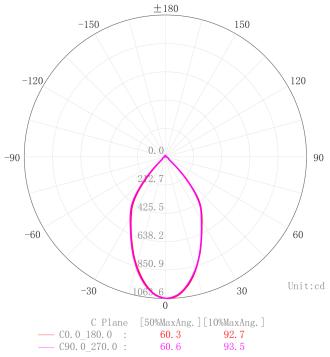
15°

HCP-80091-15
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 TUNABLE CONTROL



HCP-79280
Touch panel

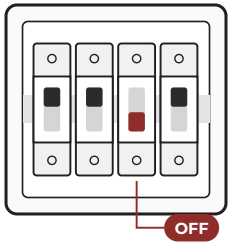


HCP-79283
Rotary

2700K **6500K**

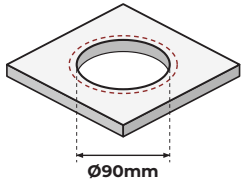
Colour temperature is tuned from 2700K to 6500K with a DALI DT8 tunable controller (sold separately).

07 INSTALLATION



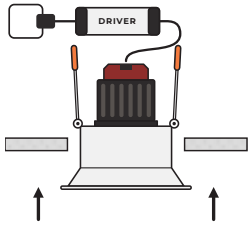
01
ISOLATE POWER

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



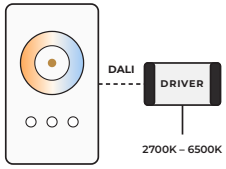
02
CUT THE CEILING

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



03
CONNECT & INSERT

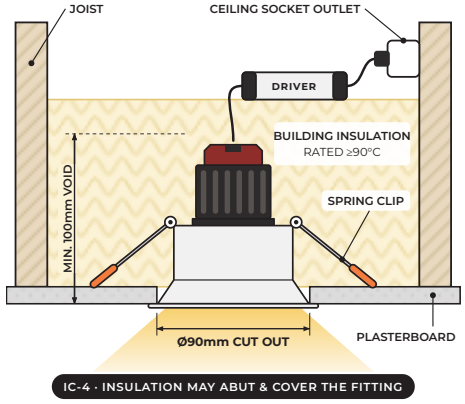
Plug the driver flex into the ceiling socket. Hold the spring clips upright, push the fitting in and release.



04
TUNE COLOUR TEMP

Adjust 2700K – 6500K from a DALI DT8 tunable controller (sold separately).

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 96mm).

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 DALI-2 tunable model: requires a compatible DALI DT8 control system or tunable controller (sold separately).

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.