2X 9W DIM TO WARM MINI

2x 9W Mini Recessed Downlight

Aluminium · Black or White
240V · TRIAC or DALI 2

2×9W MAX WATTAGE	2×655lm FULL BRIGHTNESS
90+ CRI	50° BEAM ANGLE
<19 UGR	IP44 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

Black insert · TRIAC or DALI 2



ALUMINIUM WHITE

Gold insert · TRIAC or DALI 2

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

01 PRODUCT SPECIFICATIONS

MATERIAL	Aluminium
COLOUR / FINISH	Black (black insert) · White (gold insert)
INSTALLATION TYPE	Ceiling – Recessed
CUT OUT	145 x 78mm
COLOUR TEMP	Dim to warm · 3000K to 1800K
LUMENS	2x 655lm
INPUT VOLTAGE	240V (supplied with flex & plug)
PROTECTION CLASS	Class 2 – no earth required
LAMP BASE	Built in LED
MAX WATTAGE	2x 9W
DIMMING	TRIAC or DALI 2
CRI	90+
BEAM ANGLE	50°
IP RATING	IP44 (front of fitting only)
IK RATING	IK02
LAMP EXPECTANCY	>50,000hrs*
SDCM	<3
UGR	<19
IC RATING	IC-4
DIFFUSER TYPE	PC
TILT	30° · 355° rotation
WARRANTY	5 years replacement*

02 PRODUCT ORDERING

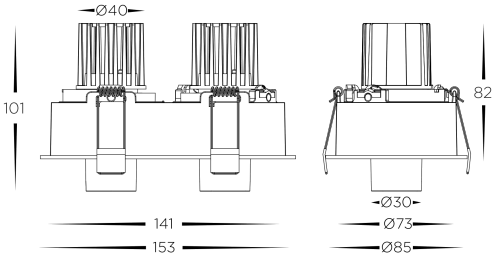
	ORDER CODE	FINISH	LAMP	INPUT	BARCODE
	**HCP-81228809**	Aluminium Black	2x 9W LED · dim to warm	TRIAC dimmable	9350418060297
	**HCP-81248809**	Aluminium Black	2x 9W LED · dim to warm	DALI 2 dimmable	9350418060365
	**HCP-81328809**	Aluminium White	2x 9W LED · dim to warm	TRIAC dimmable	9350418060327
	**HCP-81348809**	Aluminium White	2x 9W LED · dim to warm	DALI 2 dimmable	9350418060396

DIM TO WARM

3000K 100% · **≈ 2700K** 75% · **≈ 2400K** 50% · **≈ 2100K** 25% · **1800K** 10%

03 DIMENSIONS

CUT OUT = 145 X 78MM



*See Warranty Terms & Conditions for more information.

04 DIM TO WARM

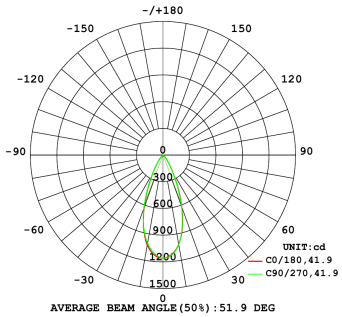
3000K → 1800K

	BRIGHTNESS	COLOUR TEMP	
○	100%	**3000K**	Warm white
○	75%	**≈ 2700K**	
○	50%	**≈ 2400K**	
○	25%	**≈ 2100K**	
○	10%	**1800K**	Extra warm

Colour temperature warms automatically as the light is dimmed, replicating the natural behaviour of traditional halogen. Output at full brightness: 2x 655lm.

05 PHOTOMETRICS

AVG 51.9°

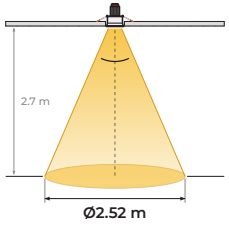


C0/180: 41.9° · C90/270: 41.9°
Peak intensity approx. 1500 cd per lamp.

06 BEAM ANGLE

FLOOR LEVEL*

50°



2.4 m ceiling	**Ø2.24 m**
2.7 m ceiling	**Ø2.52 m**
3.0 m ceiling	**Ø2.80 m**

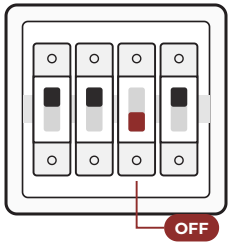
07 FITTING ROTATION



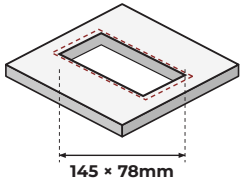
355°
ROTATION
Full circular rotation for precise light positioning.

30°
TILT
Adjustable tilt of each lamp tube.

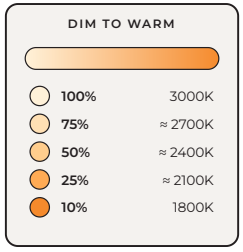
08 INSTALLATION



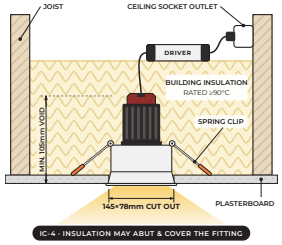
01
ISOLATE POWER
Turn off the supply at the switchboard before installing or servicing.



02
CUT THE CEILING
Cut a 145 x 78mm opening. Check the ceiling void is clear.



03
DIM TO WARM
Colour warms automatically from 3000K to 1800K as the light is dimmed – no setting required.



04
CONNECT & INSERT
Plug the flex into the ceiling outlet, fold the spring clips up and push the fitting in. Insulation may cover it (IC-4).

09 ACCESSORIES

SOLD SEPARATELY



HCP-86226
BLACK INNER INSERT



HCP-86526
GOLD INNER INSERT



HCP-86227
BLACK ROUND INSERT

HCP-86327
WHITE ROUND INSERT



HCP-86228
BLACK OUTER INSERT



HCP-86328
WHITE OUTER INSERT



HCP-86229
BLACK SQUARE INSERT

10 INSTALLATION NOTES

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

02 Supplied with flex and plug for 240V mains. Class 2 – no earth required.

03 Allow a minimum 105mm clear ceiling void (fitting height 101mm).

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

05 IP44 applies to the front of the fitting only.

06 Colour warms automatically as the fitting is dimmed. Clean with a soft dry cloth only.

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