9W DIM TO WARM MINI

9W Mini Recessed LED Downlight

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

9 W MAX WATTAGE	655 lm FULL BRIGHTNESS
90+ CRI	50° BEAM ANGLE
<19 UGR	IP44 FRONT OF FITTING

WARRANTY T&CS WEBSITE

Havit Commercial

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ALUMINIUM BLACK

Black insert · TRIAC or DALI 2



ALUMINIUM WHITE

Gold insert · TRIAC or DALI 2

01 PRODUCT SPECIFICATIONS

MATERIAL	Aluminium
COLOUR / FINISH	Black (black insert) · White (gold insert)
INSTALLATION TYPE	Ceiling – Recessed
CUT OUT	Ø75mm
COLOUR TEMP	Dim to warm · 1800K – 3000K
LUMENS	655lm
INPUT VOLTAGE	240V (supplied with flex & plug)
PROTECTION CLASS	Class 2 – no earth required
LAMP BASE	Built in LED
MAX WATTAGE	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	No tilt
WARRANTY	5 years replacement*

02 PRODUCT ORDERING

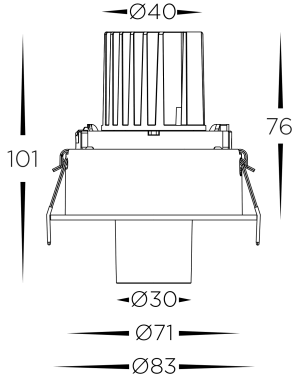
	ORDER CODE	FINISH	LAMP	INPUT	BARCODE
	**HCP-81228709**	Aluminium Black	9W built in LED · dim to warm	TRIAC dimmable	9350418060303
	**HCP-81248709**	Aluminium Black	9W built in LED · dim to warm	DALI 2 dimmable	9350418060372
	**HCP-81328709**	Aluminium White	9W built in LED · dim to warm	TRIAC dimmable	9350418060341
	**HCP-81348709**	Aluminium White	9W built in LED · dim to warm	DALI 2 dimmable	9350418060419

DIM TO WARM

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

03 DIMENSIONS

CUT OUT = Ø75MM



*See Warranty Terms & Conditions for more information.

04 DIM TO WARM

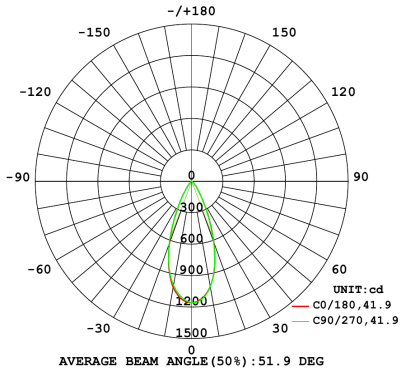
3000K → 1800K

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: 655lm.

05 PHOTOMETRICS

AVG 51.9°

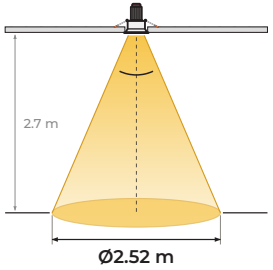


C0/180: 41.9° · C90/270: 41.9°
Peak intensity approx. 1500 cd.

06 BEAM ANGLE

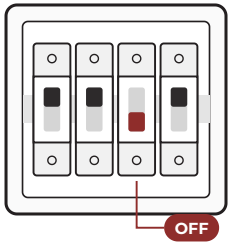
FLOOR LEVEL*

50°



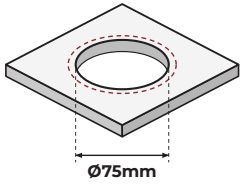
2.4 m ceiling	**Ø2.24 m**
2.7 m ceiling	**Ø2.52 m**
3.0 m ceiling	**Ø2.80 m**

07 INSTALLATION



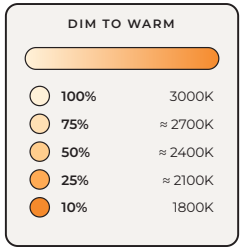
01 ISOLATE POWER

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



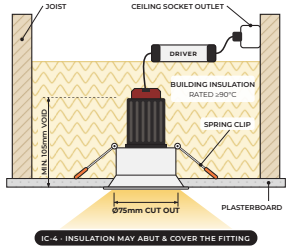
02 CUT THE CEILING

Cut a Ø75mm hole. Check the ceiling void is clear of joists, pipes and cables.



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).

08 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

09 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 connection. Class 2 – no earth required.

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

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 Colour temperature warms automatically as the fitting is dimmed. Dimming performance depends on the TRIAC or DALI 2 control used.

07 Optional inserts are sold separately and change the finish of the lamp tube and surround.

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.