HAVIT COMMERCIAL · LED DOWNLIGHTS

13W Dim to Warm Series

Warms from 3000K to 2000K as you dim.







OVERVIEW

Dim it.
Warm it.

The 13W Dim to Warm Series shifts colour from 3000K at full brightness to a candle-like 2000K as it is dimmed, recreating the glow of traditional halogen.

13W
MAX WATTAGE

844lm
LUMENS

95+
CRI

3000 → 2000K
DIM TO WARM

01 KEY FEATURES

01

Dim to warm 3000K → 2000K

Colour warms automatically as the light is dimmed, like traditional halogen.

02

CRI 95+

High colour accuracy at every brightness level.

03

TRIAC or DALI-2 dimming

Order the dimming method to suit the project.

04

IC-4 insulation rated

Building insulation may abut and cover the fitting – no clearance box required.

05

Reflector optics

60° as standard with optional 38°, 25° and 15° reflectors to tune the beam.

06

5 year warranty*

Backed by Havit Commercial, with 50,000+ hour lamp expectancy.

02 TECHNICAL SUMMARY

MATERIAL	Aluminium
COLOUR TEMP	2000K – 3000K (dim to warm)
INPUT VOLTAGE	240V (flex & plug)
CRI / SDCM	95+ / <3
LAMP EXPECTANCY	>50,000hrs*

FINISH	Black or White
DIMMING	TRIAC or DALI 2
PROTECTION CLASS	2 (no earth required)
IK RATING	IK02
WARRANTY	5 years replacement*

*See Warranty Terms & Conditions for more information.

THE RANGE

Fifteen models, black or white



8013

HCP-81XX8013

Type	**Round · Deep Tilt**
Cut out	**Ø90mm**
IP rating	**IP44**
Tilt	**20°**



8023

HCP-81XX8023

Type	**Round · Tilt**
Cut out	**Ø75mm**
IP rating	**IP44**
Tilt	**20°**



8033

HCP-81XX8033

Type	**Round · Deep Fixed**
Cut out	**Ø76mm**
IP rating	**IP44**
Tilt	**Fixed**



8043

HCP-81XX8043

Type	**Round · Deep Fixed**
Cut out	**Ø90mm**
IP rating	**IP44**
Tilt	**Fixed**



8053

HCP-81XX8053

Type	**Round · Tilt**
Cut out	**Ø90mm**
IP rating	**IP44**
Tilt	**20°**



8063

HCP-81XX8063

Type	**Round · Tilt**
Cut out	**Ø72mm**
IP rating	**IP44**
Tilt	**20°**



8073

HCP-81XX8073

Type	**Round · Pinhole**
Cut out	**Ø70mm**
IP rating	**IP44**
Tilt	**—**



8083

HCP-81XX8083

Type	**Square · Tilt**
Cut out	**Ø92mm**
IP rating	**IP44**
Tilt	**20°**



8093

HCP-81XX8093

Type	**Square · Tilt**
Cut out	**Ø90mm**
IP rating	**IP44**
Tilt	**20°**



8103

HCP-81XX8103

Type	**Square · Tilt**
Cut out	**100 x 100mm**
IP rating	**IP44**
Tilt	**20°**



8113

HCP-81XX8113

Type	**Square · Tilt 2 x 13W**
Cut out	**190 x 100mm**
IP rating	**IP44**
Tilt	**20°**



8123

HCP-81XX8123

Type	**Square · Tilt 3 x 13W**
Cut out	**280 x 100mm**
IP rating	**IP44**
Tilt	**20°**



8133

HCP-81XX8133

Type	**Round · Fixed**
Cut out	**Ø70mm**
IP rating	**IP44**
Tilt	**Fixed**



8143

HCP-81XX8143

Type	**Round · Fixed Wall Washer**
Cut out	**Ø90mm**
IP rating	**IP44**
Tilt	**Fixed**



8153

HCP-81XX8153

Type	**Round · Fixed**
Cut out	**Ø80mm**
IP rating	**IP44**
Tilt	**Fixed**

*See Warranty Terms & Conditions for more information.

Seven more models, black or white




8163

HCP-81XX8163

Type	**Round · Fixed**
Cut out	**Ø90mm**
IP rating	**IP44**
Tilt	**Fixed**




8173

HCP-81XX8173

Type	**Round · Fixed**
Cut out	**Ø65mm**
IP rating	**IP65**
Tilt	**Fixed**




8183

HCP-81XX8183

Type	**Round · Fixed**
Cut out	**Ø65mm**
IP rating	**IP65**
Tilt	**Fixed**




8203

HCP-81XX8203

Type	**Round · Fixed**
Cut out	**Ø80mm**
IP rating	**IP65**
Tilt	**Fixed**




8213

HCP-81XX8213

Type	**Round · Fixed**
Cut out	**Ø80mm**
IP rating	**IP44**
Tilt	**Fixed**




8223

HCP-81XX8223

Type	**Round · Fixed**
Cut out	**Ø80mm**
IP rating	**IP65**
Tilt	**Fixed**




8233

HCP-81XX8233

Type	**Round · Fixed**
Cut out	**Ø90mm**
IP rating	**IP65**
Tilt	**Fixed**

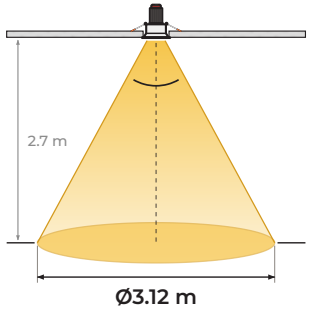
*See Warranty Terms & Conditions for more information.

03 BEAM ANGLE OPTIONS

BEAM DIAMETER AT FLOOR LEVEL*

60°

Standard optic
SUPPLIED AS STANDARD

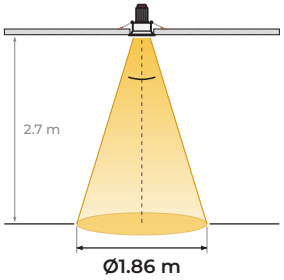


2.4 m ceiling	**Ø2.77 m**
2.7 m ceiling	**Ø3.12 m**
3.0 m ceiling	**Ø3.46 m**

38°



HCP-80091-38
OPTIONAL REFLECTOR

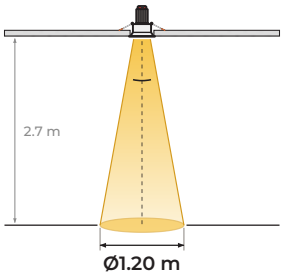


2.4 m ceiling	**Ø1.65 m**
2.7 m ceiling	**Ø1.86 m**
3.0 m ceiling	**Ø2.07 m**

25°



HCP-80091-25
OPTIONAL REFLECTOR

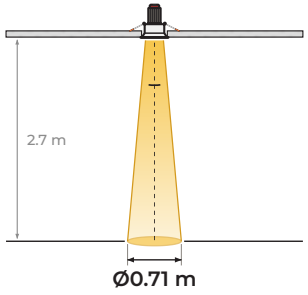


2.4 m ceiling	**Ø1.06 m**
2.7 m ceiling	**Ø1.20 m**
3.0 m ceiling	**Ø1.33 m**

15°

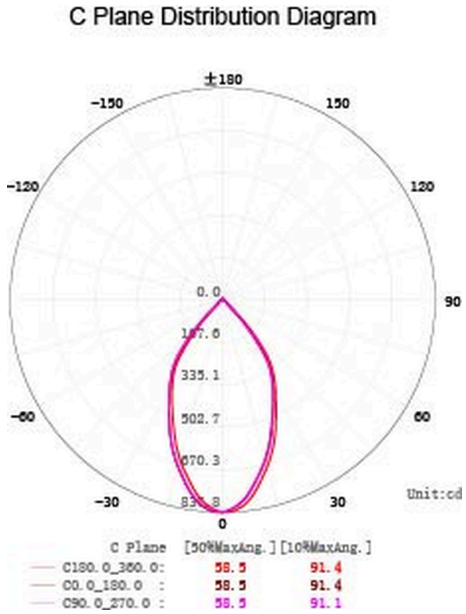


HCP-80091-15
OPTIONAL REFLECTOR



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

04 PHOTOMETRICS



C-plane distribution of the standard 60° optic. Optional reflectors are sold separately and fit before the downlight is installed.

05 DIM TO WARM

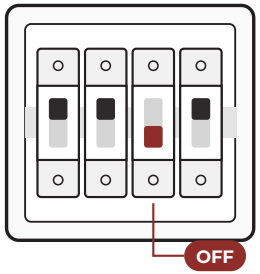
3000K → 2000K

100%	brightness	**3000K**
75%	brightness	**≈ 2750K**
50%	brightness	**≈ 2500K**
25%	brightness	**≈ 2250K**
10%	brightness	**2000K**

Colour temperature warms automatically from 3000K at full brightness to 2000K at 10%, like traditional halogen.

*See Warranty Terms & Conditions for more information.

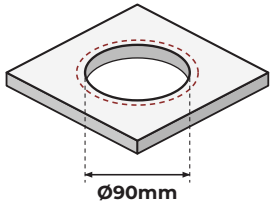
06 INSTALLATION



01

ISOLATE POWER

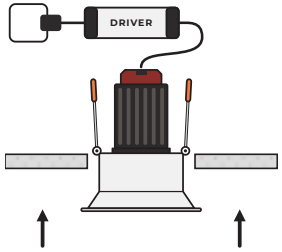
Turn off the supply at the switchboard before installing or servicing.



02

CUT THE CEILING

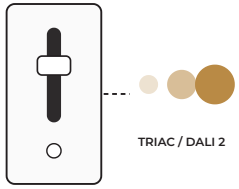
Cut the hole to the size shown for your model and check the ceiling void is clear.



03

CONNECT & INSERT

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



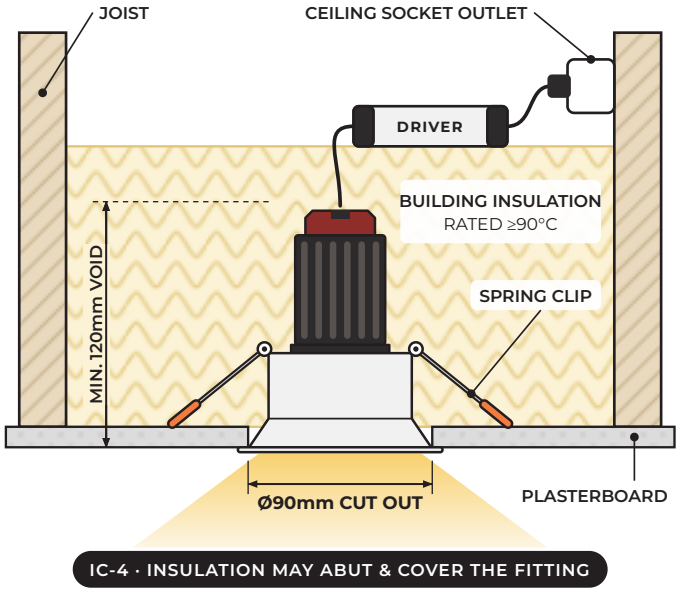
04

TEST DIMMING

Restore power and dim the light to check the warm shift from 3000K to 2000K.

07 TYPICAL INSTALLATION

SECTION VIEW



IC-4 rated. Spring clips bear on the top of the ceiling lining; the driver sits in the ceiling void.

08 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 the minimum ceiling void shown for each model (see The Range).
04	IC-4 rated: building insulation rated for continuous exposure to 90°C may abut and cover the fitting.
05	IP rating applies to the front of the fitting only – the rear must sit in a dry ceiling space.
06	Dim to warm: colour shifts from 3000K to 2000K as you dim. TRIAC models need a compatible trailing-edge dimmer; DALI models need a DALI-2 control system.
07	Optional reflectors are sold separately – fit the chosen reflector before installing the downlight.

*See Warranty Terms & Conditions for more information.

ORDER CODE	FINISH	DIMMING	CUT OUT	IP	BARCODE
HCP-81228013	Black	TRIAC	Ø90mm	IP44	9350418096203
HCP-81248013	Black	DALI 2	Ø90mm	IP44	9350418096500
HCP-81328013	White	TRIAC	Ø90mm	IP44	9350418096357
HCP-81348013	White	DALI 2	Ø90mm	IP44	9350418096654
HCP-81228023	Black	TRIAC	Ø75mm	IP44	9350418096210
HCP-81248023	Black	DALI 2	Ø75mm	IP44	9350418096517
HCP-81328023	White	TRIAC	Ø75mm	IP44	9350418096364
HCP-81348023	White	DALI 2	Ø75mm	IP44	9350418096661
HCP-81228033	Black	TRIAC	Ø76mm	IP44	9350418096227
HCP-81248033	Black	DALI 2	Ø76mm	IP44	9350418096524
HCP-81328033	White	TRIAC	Ø76mm	IP44	9350418096371
HCP-81348033	White	DALI 2	Ø76mm	IP44	9350418096678
HCP-81228043	Black	TRIAC	Ø90mm	IP44	9350418096234
HCP-81248043	Black	DALI 2	Ø90mm	IP44	9350418096531
HCP-81328043	White	TRIAC	Ø90mm	IP44	9350418096388
HCP-81348043	White	DALI 2	Ø90mm	IP44	9350418096685
HCP-81228053	Black	TRIAC	Ø90mm	IP44	9350418096241
HCP-81248053	Black	DALI 2	Ø90mm	IP44	9350418096548
HCP-81328053	White	TRIAC	Ø90mm	IP44	9350418096395
HCP-81348053	White	DALI 2	Ø90mm	IP44	9350418096692
HCP-81228063	Black	TRIAC	Ø72mm	IP44	9350418096258
HCP-81248063	Black	DALI 2	Ø72mm	IP44	9350418096555
HCP-81328063	White	TRIAC	Ø72mm	IP44	9350418096401
HCP-81348063	White	DALI 2	Ø72mm	IP44	9350418096708
HCP-81228073	Black	TRIAC	Ø70mm	IP44	9350418096265
HCP-81248073	Black	DALI 2	Ø70mm	IP44	9350418096562
HCP-81328073	White	TRIAC	Ø70mm	IP44	9350418096418
HCP-81348073	White	DALI 2	Ø70mm	IP44	9350418096715
HCP-81228083	Black	TRIAC	Ø92mm	IP44	9350418096272
HCP-81248083	Black	DALI 2	Ø92mm	IP44	9350418096579

ORDER CODE	FINISH	DIMMING	CUT OUT	IP	BARCODE
HCP-81328083	White	TRIAC	Ø92mm	IP44	9350418096425
HCP-81348083	White	DALI 2	Ø92mm	IP44	9350418096722
HCP-81228093	Black	TRIAC	Ø90mm	IP44	9350418096289
HCP-81248093	Black	DALI 2	Ø90mm	IP44	9350418096586
HCP-81328093	White	TRIAC	Ø90mm	IP44	9350418096432
HCP-81348093	White	DALI 2	Ø90mm	IP44	9350418096739
HCP-81228103	Black	TRIAC	100 x 100mm	IP44	9350418096296
HCP-81248103	Black	DALI 2	100 x 100mm	IP44	9350418096593
HCP-81328103	White	TRIAC	100 x 100mm	IP44	9350418096449
HCP-81348103	White	DALI 2	100 x 100mm	IP44	9350418096746
HCP-81228113	Black	TRIAC	190 x 100mm	IP44	9350418096302
HCP-81248113	Black	DALI 2	190 x 100mm	IP44	9350418096609
HCP-81328113	White	TRIAC	190 x 100mm	IP44	9350418096456
HCP-81348113	White	DALI 2	190 x 100mm	IP44	9350418096753
HCP-81228123	Black	TRIAC	280 x 100mm	IP44	9350418096319
HCP-81248123	Black	DALI 2	280 x 100mm	IP44	9350418096616
HCP-81328123	White	TRIAC	280 x 100mm	IP44	9350418096463
HCP-81348123	White	DALI 2	280 x 100mm	IP44	9350418096760
HCP-81228133	Black	TRIAC	Ø70mm	IP44	9350418096326
HCP-81248133	Black	DALI 2	Ø70mm	IP44	9350418096623
HCP-81328133	White	TRIAC	Ø70mm	IP44	9350418096470
HCP-81348133	White	DALI 2	Ø70mm	IP44	9350418096777
HCP-81228143	Black	TRIAC	Ø90mm	IP44	9350418096333
HCP-81248143	Black	DALI 2	Ø90mm	IP44	9350418096630
HCP-81328143	White	TRIAC	Ø90mm	IP44	9350418096487
HCP-81348143	White	DALI 2	Ø90mm	IP44	9350418096784
HCP-81228153	Black	TRIAC	Ø80mm	IP44	9350418096340
HCP-81248153	Black	DALI 2	Ø80mm	IP44	9350418096647
HCP-81328153	White	TRIAC	Ø80mm	IP44	9350418096494
HCP-81348153	White	DALI 2	Ø80mm	IP44	9350418096791

All additional fittings are IP44. Cut-out, tilt and barcode details are as listed on havitcommercial.com.au.

ORDER CODE	FINISH	DIMMING	CUT OUT	IP	BARCODE
HCP-81228163	Black	TRIAC	Ø90	IP44	9350418098986
HCP-81248163	Black	DALI 2	Ø90	IP44	9350418099129
HCP-81328163	White	TRIAC	Ø90	IP44	9350418099051
HCP-81348163	White	DALI 2	Ø90	IP44	9350418099198
HCP-81228173	Black	TRIAC	Ø65	IP65	9350418098993
HCP-81248173	Black	DALI 2	Ø65	IP65	9350418099136
HCP-81328173	White	TRIAC	Ø65	IP65	9350418099068
HCP-81348173	White	DALI 2	Ø65	IP65	9350418099204
HCP-81228183	Black	TRIAC	Ø65	IP65	9350418099006
HCP-81248183	Black	DALI 2	Ø65	IP65	9350418099143
HCP-81328183	White	TRIAC	Ø65	IP65	9350418099075
HCP-81348183	White	DALI 2	Ø65	IP65	9350418099211
HCP-81228203	Black	TRIAC	Ø80	IP65	9350418099013
HCP-81248203	Black	DALI 2	Ø80	IP65	9350418099150
HCP-81328203	White	TRIAC	Ø80	IP65	9350418099082
HCP-81348203	White	DALI 2	Ø80	IP65	9350418099228

ORDER CODE	FINISH	DIMMING	CUT OUT	IP	BARCODE
HCP-81228213	Black	TRIAC	Ø80	IP44	9350418099020
HCP-81248213	Black	DALI 2	Ø80	IP44	9350418099167
HCP-81328213	White	TRIAC	Ø80	IP44	9350418099099
HCP-81348213	White	DALI 2	Ø80	IP44	9350418099235
HCP-81228223	Black	TRIAC	Ø80	IP65	9350418099037
HCP-81248223	Black	DALI 2	Ø80	IP65	9350418099174
HCP-81328223	White	TRIAC	Ø80	IP65	9350418099105
HCP-81348223	White	DALI 2	Ø80	IP65	9350418099242
HCP-81228233	Black	TRIAC	Ø90	IP65	9350418099044
HCP-81248233	Black	DALI 2	Ø90	IP65	9350418099181
HCP-81328233	White	TRIAC	Ø90	IP65	9350418099112
HCP-81348233	White	DALI 2	Ø90	IP65	9350418099259

*See Warranty Terms & Conditions for more information.

WARRANTY T&CS

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*See Warranty Terms & Conditions for more information.