9W DIM TO WARM MINI

# 9W Mini Recessed LED Downlight

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

| | |
|---|---|
| 9W<br>MAX WATTAGE | 655lm<br>LUMENS |
| 90+<br>CRI | 50°<br>BEAM ANGLE |
| <19<br>UGR | IP65<br>FRONT OF FITTING |

WARRANTY T&CS WEBSITE


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ALUMINIUM BLACK
TRIAC or DALI 2



ALUMINIUM WHITE
TRIAC or DALI 2

TRIAC DIMMING · DALI 2 · IP65 INDOOR/OUTDOOR WEATHERPROOF · DIM TO WARM

## 01 PRODUCT SPECIFICATIONS

| | |
|---|---|
| MATERIAL | Aluminium |
| COLOUR / FINISH | Black or White |
| INSTALLATION TYPE | Ceiling – Recessed |
| CUT OUT | Ø48mm |
| 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 | IP65 (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

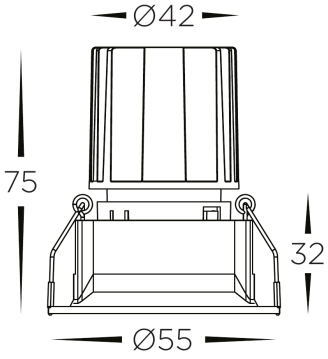
| | ORDER CODE | FINISH | LAMP | INPUT | BARCODE |
|---|---|---|---|---|---|
|  | **HCP-81228609** | Aluminium Black | 9W LED · Dim to warm | TRIAC dimmable | 9350418060303 |
|  | **HCP-81248609** | Aluminium Black | 9W LED · Dim to warm | DALI 2 dimmable | 9350418060372 |
|  | **HCP-81328609** | Aluminium White | 9W LED · Dim to warm | TRIAC dimmable | 9350418060341 |
|  | **HCP-81348609** | Aluminium White | 9W LED · Dim to warm | DALI 2 dimmable | 9350418060419 |

DIM TO WARM
1800K – 3000K

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

## 03 DIMENSIONS

CUT OUT = Ø48MM




*See Warranty Terms & Conditions for more information.

## 04 FRONT VIEW — BLACK & WHITE



Black



White

**IP65**

**FRONT OF FITTING**

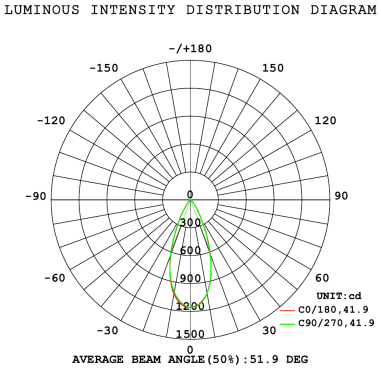
Sealed front face; rear must remain in a dry ceiling space.

**Ø48**

**CUT OUT**

Compact 48mm ceiling aperture.

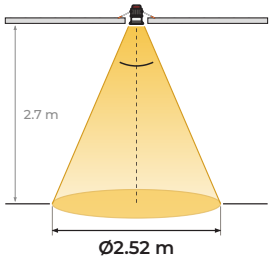
## 05 PHOTOMETRICS — AVG 51.9°




C0/180: 41.9° · C90/270: 41.9°

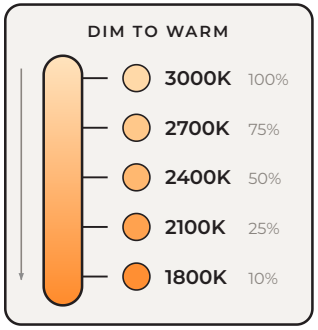
## 06 BEAM ANGLE — FLOOR LEVEL*

50°



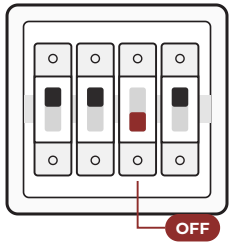

| | |
|---|---|
| 2.4 m ceiling | **Ø2.24 m** |
| 2.7 m ceiling | **Ø2.52 m** |
| 3.0 m ceiling | **Ø2.80 m** |

## 07 DIM TO WARM



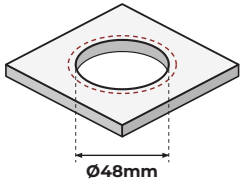

Colour temperature warms from 3000K to 1800K as the brightness is reduced, like a halogen lamp.

## 08 INSTALLATION



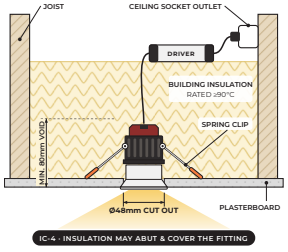

### 01 ISOLATE POWER

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



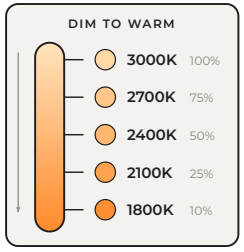

### 02 CUT THE CEILING

Cut a Ø48mm hole. Check the ceiling void is clear of joists, pipes and cables.




### 03 CONNECT & INSERT

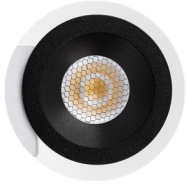
Plug the flex into the ceiling outlet, fold the spring clips up and push the fitting in. Insulation may cover it (IC-4).




### 04 DIM TO WARM

Colour shifts automatically from 3000K to 1800K as the fitting is dimmed with a TRIAC or DALI 2 dimmer.

## 09 ACCESSORY — SOLD SEPARATELY



**HCP-80093-HC**
HONEYCOMB LENS

Reduces glare and softens the light output. Fits over the front of the fitting.




## 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 connection. Class 2 – no earth required.

03 Allow a minimum 80mm clear ceiling void (fitting height 75mm).

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 Dimming performance depends on the TRIAC or DALI 2 control used with the selected model.

07 Optional honeycomb lens HCP-80093-HC is sold separately.

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.