

SmartBright LED Downlight

DNO29B G2

Mounting Instruction

3241 656 66272



Model name	Description	Total Lumen	CCT	Power	Mains Input	kg
9290025312	DNO29B G2 LED8/CCT PSR-E D90 CAU	800lm	3000-4000-6500K	7.5W	220-240V~, 50/60Hz	0.23
9290025313	DNO29B G2 LED8/CCT PSR-E D90 NZ					
9290025314	DNO29B G2 LED10/CCT PSR-E D120 CAU	1000lm	3000-4000-6500K	9W	220-240V~, 50/60Hz	0.31
9290025315	DNO29B G2 LED10/CCT PSR-E D120 NZ					
9290025316	DNO29B G2 LED12/CCT PSR-E D150 CAU	1200lm	3000-4000-6500K	10.5W	220-240V~, 50/60Hz	0.42
9290025317	DNO29B G2 LED20/CCT PSR-E D200 CAU	2000lm	3000-4000-6500K	18W	220-240V~, 50/60Hz	0.58
9290025318	DNO29B G2 LED8/WW PSR-E D90 CAU 20-PK	800lm	3000K	7.5W	220-240V~, 50/60Hz	0.23
9290025319	DNO29B G2 LED8/NW PSR-E D90 CAU 20-PK		4000K			
9290025320	DNO29B G2 LED8/CW PSR-E D90 CAU 20-PK		6500K			

"IC-F" is only for the products of New Zealand: 9290025313, 9290025315.

* The lifetime indicated in the packaging box is defined as the number of hours when the light output of 50% of a large group of identical luminaires goes below 70% of its initial luminous flux(L70B50). The lifetime is estimated at room temperature (25°C), free air burning and at rated voltage.

Dimensions (mm)

		A	B	C	D
9290025312	9290025313	114	56	86.5	90-100
9290025318	9290025319 9290025320				
9290025314	9290025315	140	59	108	115-125
9290025316		190	61	149	150-165
9290025317		225	63	190	195-210

Installation

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AU:

NZ:

HCB – Height clearance to building element
SCB – Side clearance to building element
MIC – Minimum insulation clearance
SCI – Side clearance to insulation

RISK OF FIRE – Required clearance from structural members and building elements

SCB=50mm HCB=50mm
MIC=0 mm SCI=0 mm

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IP40

IP54 front

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Dimming compatibility:

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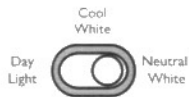


Designed for dimming with many TRIAC/ELV phase cut control dimmers. A list of common dimmers is provided below. Unlisted dimmers do not imply non-compatibility.

* Signify does not accept liability for incompatibility as a result of changes in dimmer specifications. Please refer to your local Signify agent for further details.

No.	Brand	Type #	Load Type	Load	Max. fitting
1	Diginet	MEDM	RL	2-400W	10pcs/dimmer
2	Legrand	Cat 400T	R	10-400W	10pcs/dimmer
3	Clipsal	32ELEDM	R	10-300W	8pcs/dimmer
4	SAL	SDA450	RC	10-450W	12pcs/dimmer
5	TRADER	DIMPRX	R	2-400W	10pcs/dimmer
6	Clipsal	41E300PBUD2SM-VW	RLC	10-300W	8pcs/dimmer

CCT dip switch:



Color temperature can be set by CCT dip switch on the back cover:

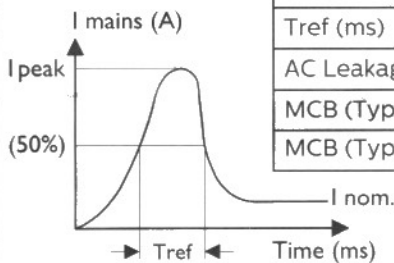
1. Adjust toggle to select the preferred color temperature. The initial setting is 3000K.
2. Install the fitting according to instruction above.

Please note:

Remove product from power source before attempting to switch between color temperature.

Inrush current

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	9290025312 9290025313	9290025314 9290025315	9290025316	9290025317	9290025318 9290025319 9290025320
Inom(Run current) (mA)	38	45	50	82	40
Ipeak (A)	0.96	1.26	1.28	2.2	0.8
Tref (ms)	0.051	0.038	0.041	0.039	0.12
AC Leakage current (mA)	<0.7	<0.7	<0.7	<0.7	<0.7
MCB (Type B 16A, pcs)	336	284	256	156	490
MCB (Type C 16A, pcs)	336	284	256	156	490

Please read this manual carefully before using the product.

1. Do not switch on before complete installation.
2. The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
3. The external flex and plug of this luminaire cannot be replaced; if the flex and plug are damaged, the luminaire shall be destroyed.
4. Building insulation abutting or covering luminaires
Building insulation that abuts or covers a recessed luminaire, or is part of a recessed luminaire, or is within 100 mm horizontally of a luminaire shall:
 - a) Maintain its dimensions and structural integrity when exposed to the maximum surface temperature of the class of luminaire, being 90°C in the case of IC-4(IC-F) luminaires;
 - b) When intended to be in contact with IC-4(IC-F) luminaires, withstand a 30s needle flame test carried out in accordance with AS/NZS 60695.11.5 with the flame applied to all surfaces of the sample
5. The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
6. The luminaire is complied with AS/NZS 60598.1: 2017; 60598.2.2: 2016 .
7. Luminaire must not be used or stored in corrosive environment where hazardous materials such as sulfur, chlorine, phthalates, etc, are present.
8. WARNING-Risk of overheating or fire if the clearance distances are compromised.
9. For indoor use only.

