

430725

Technical Specification

Commercial

Weston Backlit Downlight 7W 4000K



The Weston Backlit Downlight a Tough powder coated steel body with Polycarbonate TP (a) diffuser. Stainless steel spring clips. Flicker free. LED lifespan 70,000 hours L70. IP40. 5 Year Warranty.



General Data

Technology	LED
Mounting options	Ceiling
Install Options	Recessed
Electrical Connector Type	Quick Connector
Input Electrical Connection	Live Neutral
General Application	Residential Commercial
Minimum Void Requirement (mm)	40
Operating Temperature Range °C	0 - +45
Warranty (Years)	5

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Optical Data

LED Manufacturer / Type	Pusisat SMD 2835
Fixture Luminous Flux (Lm)	665
Luminaire Efficacy @4000K (lm/W)	95
LOR %	100
Colour Selectable	No
Beam Angle°	110
Photobiological Risk Group	RG0

Light Source Data

Energy Class	C
Lumens	1044
Lm/W	179
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	>80

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Electrical Data

Wattage (W)	7
Total Power Consumption (W)	7.2
Mains voltage (V)	220 - 240
Lamp power factor	>95
Electrical protection	Class III
Driver Output (V)	30-42Vdc
Driver Output Current (mA)	170
Control Gear Type CC or CV	Constant Current
SVM	0.01
PstLM	0.02
LED Flicker Rate	Flicker-free
Dimmable	No
Driver Brand	Boke
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	2
Max. Luminaire per 10A C Breaker	45
Max. Luminaire per 13A C Breaker	60
Max. Luminaire per 16A C Breaker	75
Max. Luminaire per 20A C Breaker	90
Max. Luminaire per 10A B Breaker	36
Max. Luminaire per 13A B Breaker	48
Max. Luminaire per 16A B Breaker	60
Max. Luminaire per 20A B Breaker	72

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	70000
Lifespan L80 B20 @25°C (Hrs)	50000
Lifespan L90 B10 @25°C (Hrs)	35000

Physical Data

Housing colour	White RAL 9003
Body material	Sheet Metal
Driver Housing	ABS
IP Rating	40
IK Rating	4
Diffuser Material	Polystyrene TP(a)
Diffuser finish	Frosted
Nominal Product Length (mm)	90
Nominal Product Width (mm)	90
Nominal Product Height (mm)	30
Cut-Out (mm)	75
Weight (kg)	0.19

Standards and Approvals

Manufactured In Accordance To	EN 60598-1 EN 60598-2-2
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

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