

430729

Technical Specification

Commercial

Weston Backlit Downlight 24W 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

430729

Technical Specification

Optical Data

LED Manufacturer / Type	Pusisat SMD 2835
Fixture Luminous Flux (Lm)	2640
Luminaire Efficacy @4000K (lm/W)	110
LOR %	100
Colour Selectable	No
Beam Angle°	110
Photobiological Risk Group	RG0

Light Source Data

Energy Class	D
Lumens	3076
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	>80

430729
Technical Specification
Electrical Data

Wattage (W)	24
Total Power Consumption (W)	23.9
Mains voltage (V)	220 - 240
Lamp power factor	>95
Electrical protection	Class III
Driver Output (V)	28-38Vdc
Driver Output Current (mA)	600
Control Gear Type CC or CV	Constant Current
SVM	0.01
PstLM	0.02
LED Flicker Rate	Flicker-free
Dimmable	No
Driver Brand	Boke
Inrush Current (A)	13.5
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	2
Max. Luminaire per 10A C Breaker	20
Max. Luminaire per 13A C Breaker	30
Max. Luminaire per 16A C Breaker	40
Max. Luminaire per 20A C Breaker	50
Max. Luminaire per 10A B Breaker	16
Max. Luminaire per 13A B Breaker	24
Max. Luminaire per 16A B Breaker	32
Max. Luminaire per 20A B Breaker	40

430729

Technical Specification

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)	220
Nominal Product Width (mm)	220
Nominal Product Height (mm)	37
Cut-Out (mm)	180
Weight (kg)	0.448

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

430729

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