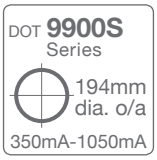
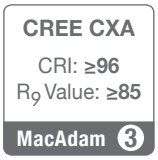
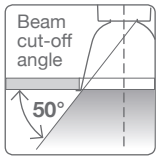
DOT 9900SC
SURFACE MOUNTED
COLOUR SERIES

DOT DOWNLIGHTS







MODELS (Reflector Options)

4 Narrow Beam – 29° Beam Angle	8 Wide Beam – 55° Beam Angle

TECHNICAL

Total Energy Consumption P_L(W) – Refer LED Performance Guide

Weights	Luminaire Body	1400 gms
	Remote Driver	280 gms
IEC 60598 – parts 1 and 2		Complies
AS/NZS60598 – parts 1 and 2		Complies
IP Rating		Refer Accessory

Round Ceiling Plate (white) fitted to downlight as standard

STANDARD DIMMING OPTIONS AVAILABLE

D1 DALI (250mA–1400mA)
D2 one4all: DSI DIM
D3 Analogue Dim 1-10V (350mA–1400mA)
D4 Phase Cutting (350mA–700mA)
D5 one4all: switchDIM
D6 Push Dim (350mA–1050mA)
D7 one4all: DALI DIM

LED GUIDE – DOT 9900SC SURFACE MOUNTED COLOUR SERIES

DOT Model No.	Driver current (mA)	Colour Temp 3-3000k 4-4000k	Wattage (W)	Luminaire Output Lumens[B]	Luminaire efficacy (lm/W output)	Lifetime LED engine (Hrs @ L90/B10)
9938SC	(3) 350mA	3 [A]	13.5	**1120**	**83.0**	≥50,000
9938SC	(3) 350mA	4	13.5	**1351**	**100.0**	≥50,000
9958SC	(5) 500mA	3 [A]	19.0	**1555**	**81.8**	≥50,000
9958SC	(5) 500mA	4	19.0	**1876**	**98.7**	≥50,000
9978SC	(7) 700mA	3 [A]	27.1	**2132**	**78.7**	≥50,000
9978SC	(7) 700mA	4	27.1	**2571**	**94.9**	≥50,000
9998SC	(9) 900mA	3 [A]	33.6	**2735**	**81.4**	≥50,000
9998SC	(9) 900mA	4	33.6	**3300**	**98.2**	≥50,000
99108SC	(10) 1050mA	3 [A]	38.9	**3054**	**78.5**	≥50,000
99108SC	(10) 1050mA	4	38.9	**3683**	**94.7**	≥50,000

[A] Figures extrapolated / interpolated from data at other currents.
[B] Output Lumens : Delivered lumen output from downlight, including thermal, electrical and optic losses. – Narrow beam option may vary ± 2%.

ORDERING CODE FORMAT

Example: 99 3 8 SC 4 D1 C

Model Series Number (99)
Driver Code (See table above)
Beam Angle (4-Narrow or 8-Wide)
Series Code (S-Surface Mount, C-Colour)
LED engine colour (3-830 or 4-840)
Dimming option if required (See table above)
Accessory Code

DOT LED
CREE LEDs
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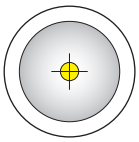
DOT **9900 S** SERIES
SURFACE MOUNTED

Accessories


194mm dia. o/a

EXCEL PERFORMANCE COLOUR BASE

DOT DOWNLIGHTS

AX**LOCK** ACCESSORIES
Fitted to downlight ***after*** installation

Accessory trims available

1 White **2** Black **3** Silver

Other colours available on request.

Default (fitted as standard)
Round Ceiling Plate
IP20

Moulded polycarbonate
– 192mm dia. overall

X
Round Ceiling Plate with highlight
IP20

Moulded polycarbonate with metal trim
– 192mm dia. overall

C
Round Flush Clear Lens
IP65

Moulded polycarbonate
– 192mm dia. overall

XC
Round Flush Clear Lens with highlight
IP65

Moulded polycarbonate with metal trim
– 192mm dia. overall

DL
Round Soft Diffusion Lens
IP65

Moulded polycarbonate
– 192mm dia. overall

FG
Round Flush Glass
IP54

5mm thick toughened glass with sandblasted centre.
– 195mm dia. overall

DG
Round Dropped Glass
IP20

5mm thick toughened glass with sandblasted centre.
– 195mm dia. overall

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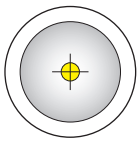
DOT **9900 S** SERIES
SURFACE MOUNTED

Secured Access Accessories



194mm dia. o/a

EXCEL PERFORMANCE COLOUR BASE

DOT DOWNLIGHTS

SECURED ACCESS ACCESSORIES

Fitted to downlight ***after*** installation

Accessory trims available

1 White **2** Black **3** Silver

Other colours available on request.

TORX tamperproof fasteners

CLS
Round Clear Lens
IP65

Moulded polycarbonate – 192mm dia. overall

DLS
Round Soft Diffusion Lens
IP65

Moulded polycarbonate – 192mm dia. overall

PRO**SPEC** OPTIONS

Project **Spec**ific Accessory Options – Factory Fitted

Accessory trims available

1 White **2** Black **3** Silver

Other colours available on request.

E Emergency
Self contained emergency unit – 3 hours. Features inverter and battery pack ≥550 lumens output in emergency mode.
Available with most models.

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DOT LED CREE LEDs

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