

DOT 9100SP

PERFORMANCE SERIES

DOT
DOWNLIGHTS



PERFORMANCE

DOT 9100S Series

 120mm dia. o/a
 250mA-500mA

CREE CXB
 CRI: ≥ 80
 R₉ Value: ≥ 15
MacAdam 2

Beam cut-off angle
 45°



MODELS (Reflector Options)

4
 Narrow Beam
 – 33° Beam Angle

8
 Wide Beam
 – 70° Beam Angle

TECHNICAL

Total Energy Consumption P_L(W) – Refer LED Performance Guide
 Weight 800 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 Body (white) as standard

STANDARD DIMMING OPTIONS AVAILABLE

D1 DALI (250mA–1400mA) **D5** one4all: switchDIM
D2 one4all: DSI DIM **D6** Push Dim (350mA–500mA)
D3 Analogue Dim 1-10V (350mA–500mA) **D7** one4all: DALI DIM
D4 Phase Cutting (350mA–500mA)

LED GUIDE – DOT 9100SP SURFACE MOUNTED PERFORMANCE 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 (Hours @ L90)
9128SP	(2) 250mA	3 ^A	9.8	1103	112.5	$\geq 100,000$
9128SP	(2) 250mA	4 ^A	9.8	1185	121.0	$\geq 100,000$
9138SP	(3) 350mA	3 ^A	13.9	1518	109.2	$\geq 100,000$
9138SP	(3) 350mA	4	13.9	1624	117.0	$\geq 100,000$
9158SP	(5) 500mA	3 ^A	20.3	2051	101.0	$\geq 100,000$
9158SP	(5) 500mA	4 ^A	20.3	2194	108.0	$\geq 100,000$

^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 $\pm 2\%$.

ORDERING CODE FORMAT

Example: 91 3 8 SP 4 D1 C

Model Series Number (91) ———— ↑
 Driver Code (See table above) ———— ↑
 Beam Angle (4-Narrow or 8-Wide) ———— ↑
 Series Code (S: Surface Mounted, P: Performance) ———— ↑
 LED engine colour (3-830 or 4-840) ———— ↑
 Dimming option if required (See table above) ———— ↑
 Accessory Code ———— ↑



Accessories

AXLOCK ACCESSORIES

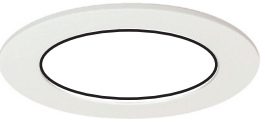
Fitted to downlight **after** installation

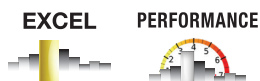
Accessory trims available

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



Other colours available on request.

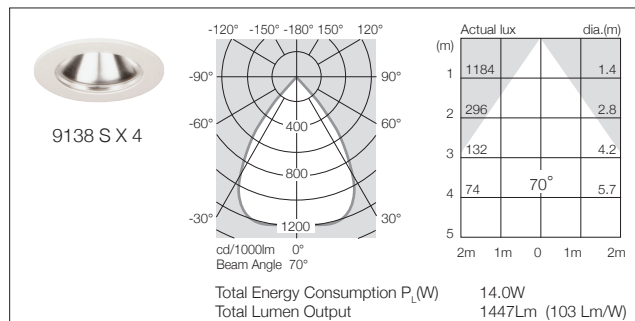
	Default (fitted as standard) Round Ceiling Plate IP20 Moulded polycarbonate – 105mm dia. overall	 X Round Ceiling Plate with highlight IP20 Moulded polycarbonate with metal trim – 105mm dia. overall
	C Round Flush Clear Lens IP65 Moulded polycarbonate – 105mm dia. overall	 XC Round Flush Clear Lens with highlight IP65 Moulded polycarbonate – 105mm dia. overall
	DL Round Soft Diffusion Lens IP65 Moulded polycarbonate – 105mm dia. overall	 XDL Round Soft Diffusion Lens with highlight IP65 Moulded polycarbonate – 105mm dia. overall
	W Round Washlite Lens IP54 Moulded polycarbonate – 105mm dia. overall	 XW Round Washlite Lens with highlight IP54 Moulded polycarbonate – 105mm dia. overall



Photometrics

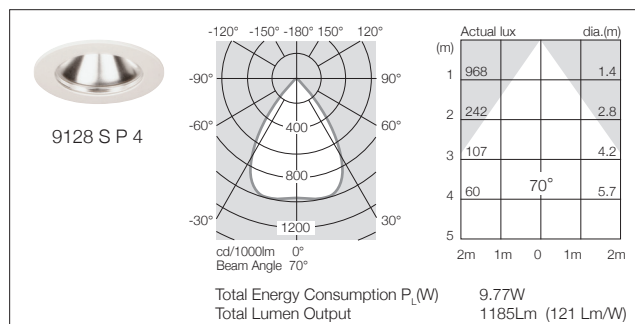
9100SX EXCEL SERIES

350 mA
CREE CXB
LED

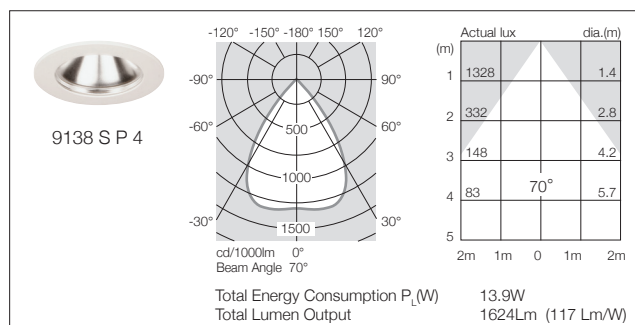


9100SP PERFORMANCE SERIES

250 mA
CREE CXB
LED



350 mA
CREE CXB
LED



500 mA
CREE CXB
LED

