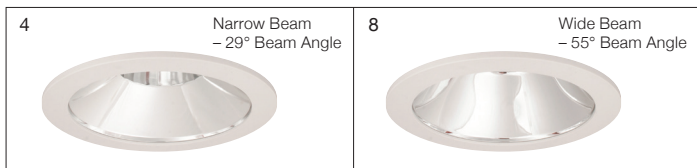


MODELS (Reflector Options)



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

LED GUIDE – DOT 9900P PERFORMANCE SERIES (Wide Beam Option)

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)
9938P	(3) 350mA	3 ^A	13.5	1557	115.3	≥100,000
9938P	(3) 350mA	4	13.5	1656	122.7	≥100,000
9958P	(5) 500mA	3 ^A	19.0	2160	113.7	≥100,000
9958P	(5) 500mA	4	19.0	2298	120.9	≥100,000
9978P	(7) 700mA	3 ^A	27.1	2962	109.3	≥100,000
9978P	(7) 700mA	4	27.1	3151	116.3	≥100,000
9998P	(9) 900mA	3 ^A	33.6	3799	113.1	≥100,000
9998P	(9) 900mA	4	33.6	4042	120.3	≥100,000
99108P	(10) 1050mA	3 ^A	38.9	4243	109.1	≥100,000
99108P	(10) 1050mA	4	38.9	4514	116.0	≥100,000
99148P	* (14) 1400mA	3 ^A	53.5	5526	103.3	≥100,000
99148P	* (14) 1400mA	4	53.5	5879	109.9	≥100,000
99178P	* (17) 1750mA	3 ^A	68.1	6398	94.0	≥100,000
99178P	* (17) 1750mA	4	68.1	6806	99.9	≥100,000

^A Figures extrapolated / interpolated from data at other currents.

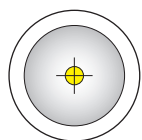
^B Output Lumens : Delivered lumen output from downlight, including thermal, electrical and optic losses.
– Narrow beam option may vary ± 2%.

* IP20 above ceiling and IP65 below ceiling on 1400mA and 1750mA models

ORDERING CODE FORMAT

Example: 99 3 8 P 4 D1 C

Model Series Number (99) ————
Driver Code (See table above) ————
Beam Angle (4-Narrow or 8-Wide) ————
Series Code (P: Performance) ————
LED engine colour (3-830 or 4-840) ————
Dimming option if required (See table above) ————
Accessory Code ————



192mm dia. o/a
175mm dia. hole

EXCEL



PERFORMANCE



Accessories

AXLOCK ACCESSORIES











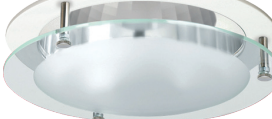
Fitted to downlight **after** installation

Accessory trims available

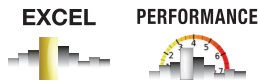
1 White 2 Black 3 Silver



Other colours available on request.

	<p>Default (fitted as standard) Round Ceiling Plate IP20</p> <p>Moulded polycarbonate – 192mm dia. overall</p>	 <p>S Square Ceiling Plate IP20</p> <p>Moulded polycarbonate – 195mm square overall</p>
	<p>X Round Ceiling Plate with highlight IP20</p> <p>Moulded polycarbonate with metal trim – 192mm dia. overall</p>	 <p>XC Round Flush Clear Lens with highlight IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate with metal trim – 192mm dia. overall</p> <p>*1400mA and 1750mA models IP20 above ceiling IP65 below ceiling</p>
	<p>C Round Flush Clear Lens IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 192mm dia. overall</p>	 <p>SC Square Flush Clear Lens IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 195mm square overall</p>
	<p>DL Round Soft Diffusion Lens IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 192mm dia. overall</p>	 <p>SDL Square Soft Diffusion Lens IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 195mm square overall</p>
	<p>FG Round Flush Glass IP54</p> <p>5mm thick toughened glass with sandblasted centre. – 195mm dia. overall</p>	 <p>SFG Square Flush Glass IP54</p> <p>5mm thick toughened glass with sandblasted centre. – 195mm square overall</p>
	<p>DG Round Dropped Glass IP20</p> <p>5mm thick toughened glass with sandblasted centre. – 195mm dia. overall</p>	

DOT 9900 SERIES RECESSED DOWNLIGHTS



Secured Access Accessories

SECURED ACCESS ACCESSORIES

Fitted to downlight **before** installation

Accessory trims available

1 White 2 Black 3 Silver



Other colours available on request.



CS Round Clear Lens

IP6X above ceiling*
IP65 below ceiling



*1400mA and 1750mA models
IP20 above ceiling
IP65 below ceiling

Moulded polycarbonate
– 192mm dia. overall



SCS Square Clear Lens

IP6X above ceiling*
IP65 below ceiling



*1400mA and 1750mA models
IP20 above ceiling
IP65 below ceiling

Moulded polycarbonate
– 195mm square overall



DLS Round Soft Diffusion Lens

IP6X above ceiling*
IP65 below ceiling



*1400mA and 1750mA models
IP20 above ceiling
IP65 below ceiling

Moulded polycarbonate
– 192mm dia. overall



SDS Square Soft Diffusion Lens

IP6X above ceiling*
IP65 below ceiling



*1400mA and 1750mA models
IP20 above ceiling
IP65 below ceiling

Moulded polycarbonate
– 195mm square overall



K Vandal Proof Secured Access Lens

IK10
IP6X above ceiling*
IP65 below ceiling

Moulded polycarbonate
– 192mm dia. overall

*1400mA and 1750mA models
IP20 above ceiling
IP65 below ceiling

PROSPEC OPTIONS

Project Specific Accessory Options
– Factory Fitted

Accessory trims available

1 White 2 Black 3 Silver



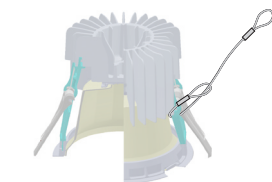
Other colours available on request.



R Round Adaption Plate

IP20

165mm ID / 275mm OD
For maximum:
– 245mm dia. hole



Z (+ required length) Seismic Restraint

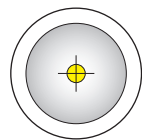
Optional on all models.
Ordering Code:
/SR (required length)
eg. /SR 400mm

New Zealand Only



E Emergency

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



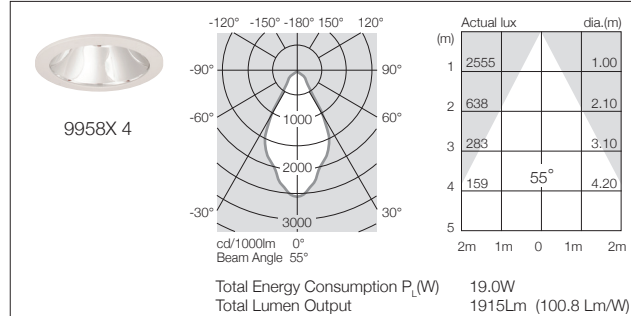
192mm dia. o/a
175mm dia. hole



Photometric Data

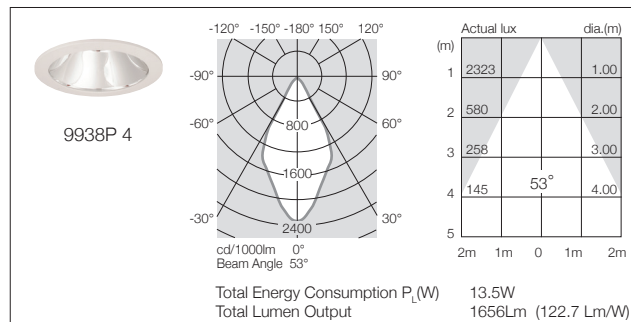
9900XL EXCEL SERIES

500 mA
CREE CXB
LED

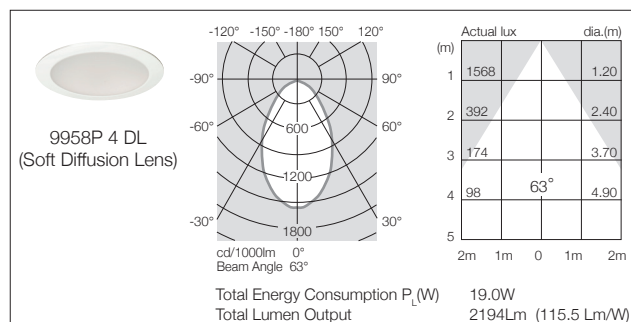
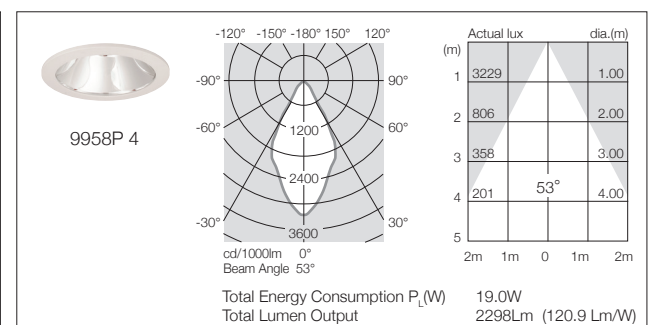
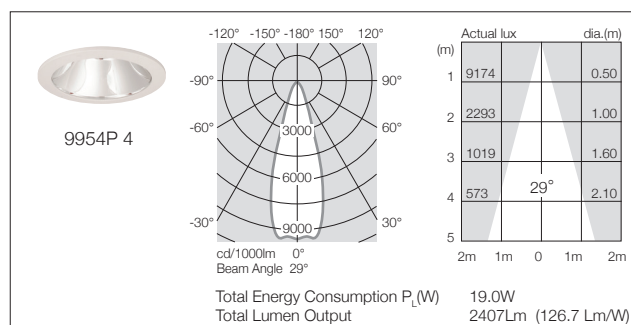


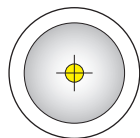
9900P PERFORMANCE SERIES

350 mA
CREE CXB
LED



500 mA
CREE CXB
LED





192mm dia. o/a
175mm dia. hole

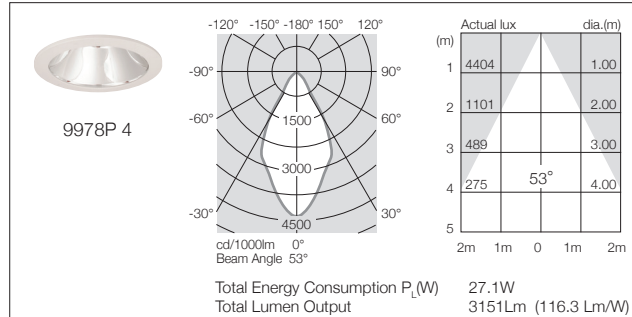
PERFORMANCE



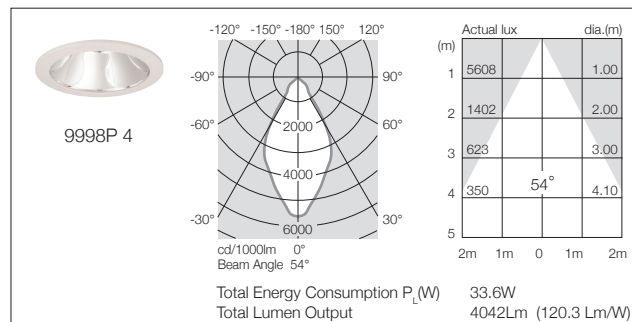
Photometric Data

9900P
PERFORMANCE SERIES

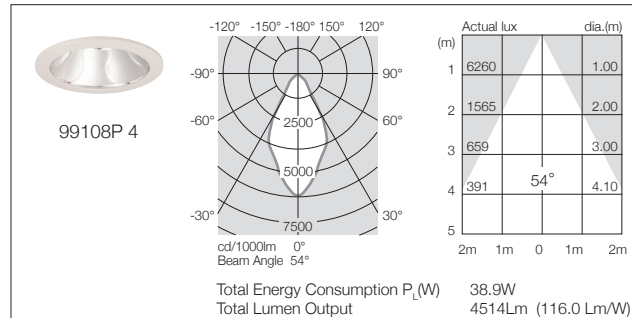
700 mA
CREE CXB
LED



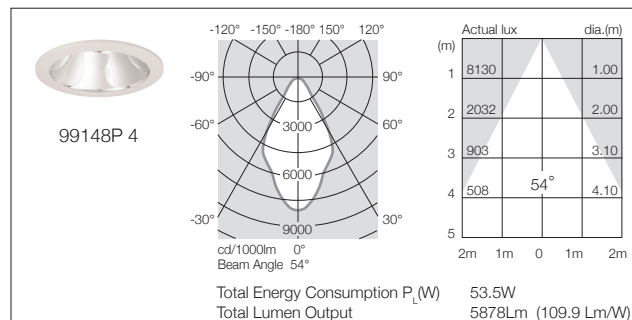
900 mA
CREE CXB
LED



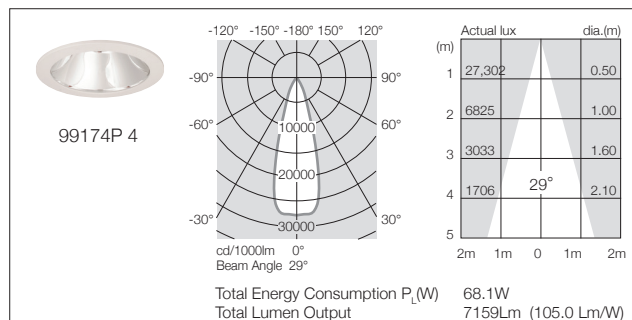
1050 mA
CREE CXB
LED



1400 mA
CREE CXB
LED



1750 mA
CREE CXB
LED



99178P 4

