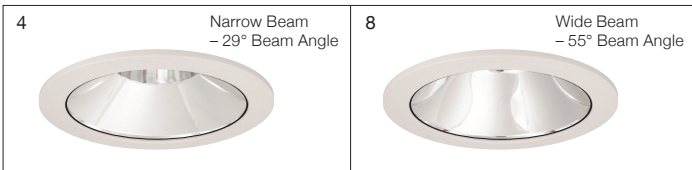


MODELS (Reflector Options)



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		
AS/NZS60598 – parts 1 and 2		
Cyanosis (Australia only)		
IP Rating		
Round Ceiling Plate (white) fitted to downlight as standard		

STANDARD DIMMING OPTIONS AVAILABLE

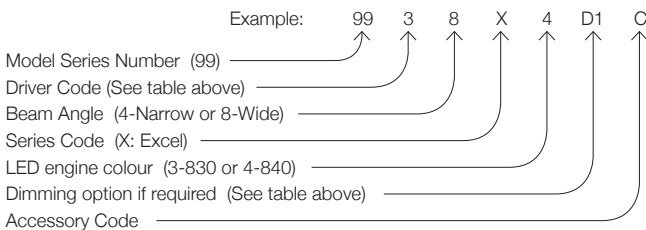
<b>D1</b> DALI (250mA–1400mA)	<b>D5</b> one4all: switchDIM
<b>D2</b> one4all: DSI DIM	<b>D6</b> Push Dim (350mA–1050mA)
<b>D3</b> Analogue Dim 1-10V (350mA–1400mA)	<b>D7</b> one4all: DALI DIM
<b>D4</b> Phase Cutting (350mA–700mA)	

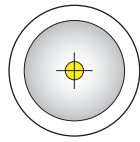
LED GUIDE – DOT 9900X EXCEL SERIES (Wide Beam Option)

DOT Model No.	Driver current (mA)	Colour Temp 3-3000k 4-4000k	Wattage (W)	Luminaire Output Lumens <sup>B</sup>	Luminaire efficacy (lm/W output)	Lifetime LED engine (Hrs @ L90/B10)
9938X	(3) 350mA	3 <b>A</b>	13.5	<b>1200</b>	<b>88.9</b>	≥100,000
9938X	(3) 350mA	4 <b>A</b>	13.5	<b>1379</b>	<b>102.1</b>	≥100,000
9958X	(5) 500mA	3 <b>A</b>	19.0	<b>1666</b>	<b>87.7</b>	≥100,000
9958X	(5) 500mA	4 <b>A</b>	19.0	<b>1915</b>	<b>100.8</b>	≥100,000
9978X	(7) 700mA	3 <b>A</b>	27.1	<b>2284</b>	<b>84.3</b>	≥100,000
9978X	(7) 700mA	4 <b>A</b>	27.1	<b>2625</b>	<b>96.9</b>	≥100,000
9998X	(9) 900mA	3 <b>A</b>	33.6	<b>2930</b>	<b>87.2</b>	≥100,000
9998X	(9) 900mA	4 <b>A</b>	33.6	<b>3369</b>	<b>100.2</b>	≥100,000
99108X	(10) 1050mA	3 <b>A</b>	38.9	<b>3272</b>	<b>84.1</b>	≥100,000
99108X	(10) 1050mA	4 <b>A</b>	38.9	<b>3761</b>	<b>96.7</b>	≥100,000
99148X	*(14) 1400mA	3 <b>A</b>	53.5	<b>4261</b>	<b>79.6</b>	≥100,000
99148X	*(14) 1400mA	4 <b>A</b>	53.5	<b>4898</b>	<b>91.6</b>	≥100,000
99178X	*(17) 1750mA	3 <b>A</b>	68.1	<b>4934</b>	<b>72.5</b>	≥100,000
99178X	*(17) 1750mA	4 <b>A</b>	68.1	<b>5671</b>	<b>83.3</b>	≥100,000

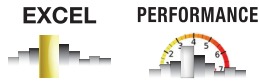
**A** Figures extrapolated / interpolated from data at other currents.  
**B** Output Lumens : Delivered lumen output from downlight, including thermal, electrical and optic losses. – Narrow beam option may vary ± 2%.  
 \* IP20 above ceiling and IP65 below ceiling on 1400mA and 1750mA models

ORDERING CODE FORMAT





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



## Accessories

### AXLOCK ACCESSORIES











Fitted to downlight *after* installation

Accessory trims available

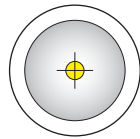
1 White 2 Black 3 Silver



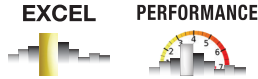
Other colours available on request.

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

DOT **9900** SERIES  
RECESSED DOWNLIGHTS



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



**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.

TORX tamperproof fasteners

 <p><b>CS</b> <b>Round Clear Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>*1400mA and 1750mA models IP20 above ceiling IP65 below ceiling</p> <p>Moulded polycarbonate - 192mm dia. overall</p> 	 <p><b>SCS</b> <b>Square Clear Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>*1400mA and 1750mA models IP20 above ceiling IP65 below ceiling</p> <p>Moulded polycarbonate - 195mm square overall</p> 
 <p><b>DLS</b> <b>Round Soft Diffusion Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>*1400mA and 1750mA models IP20 above ceiling IP65 below ceiling</p> <p>Moulded polycarbonate - 192mm dia. overall</p> 	 <p><b>SDS</b> <b>Square Soft Diffusion Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>*1400mA and 1750mA models IP20 above ceiling IP65 below ceiling</p> <p>Moulded polycarbonate - 195mm square overall</p> 
 <p><b>K</b> <b>Vandal Proof Secured Access Lens</b> IK10 IP6X above ceiling* IP65 below ceiling</p> <p>*1400mA and 1750mA models IP20 above ceiling IP65 below ceiling</p> <p>Moulded polycarbonate - 192mm dia. overall</p>	

PROSPEC OPTIONS



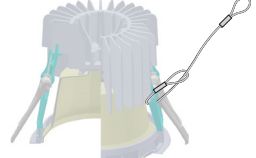
**Project Specific** Accessory Options  
- Factory Fitted

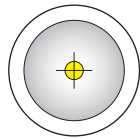
Accessory trims available

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

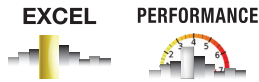


Other colours available on request.

 <p><b>R</b> <b>Round Adaption Plate</b> IP20 165mm ID / 275mm OD For maximum: - 245mm dia. hole</p>	 <p><b>E</b> <b>Emergency</b> Self contained emergency unit - 3 hours. Features inverter and battery pack ≥550 lumens output in emergency mode. Available with most models.</p>
 <p><b>Z</b> (+ required length) <b>Seismic Restraint</b> Optional on all models. Ordering Code: /SR (required length) eg. /SR 400mm <b>New Zealand Only</b></p>	



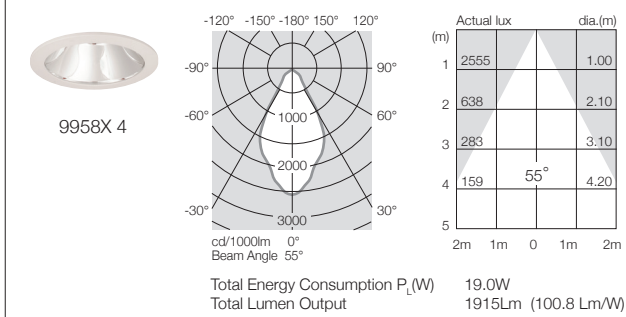
192mm dia. o/a  
175mm dia. hole



## Photometric Data

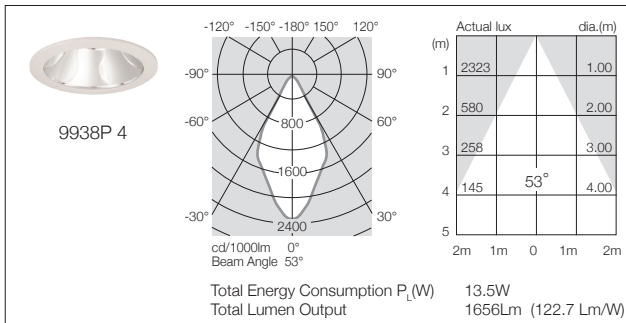
### 9900XL EXCEL SERIES

500 mA  
CREE CXB  
LED



### 9900P PERFORMANCE SERIES

350 mA  
CREE CXB  
LED



500 mA  
CREE CXB  
LED

