

MODEL



TECHNICAL

Total Energy Consumption $P_L(W)$ – Refer LED Performance Guide		
Weights	Luminaire Body	1000 gms
	Remote Driver	190 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

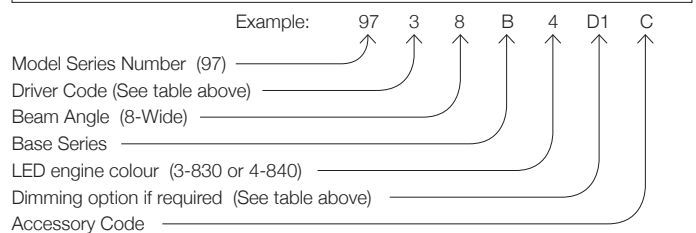
<b>D1</b> DALI (250mA–1400mA)	<b>D5</b> one4all: switchDIM
<b>D2</b> one4all: DSI DIM	<b>D6</b> Push Dim (350mA–1050mA)
<b>D3</b> Analogue Dim 1-10V (350mA–1400mA)	<b>D7</b> one4all: DALI DIM
<b>D4</b> Phase Cutting (350mA–700mA)	

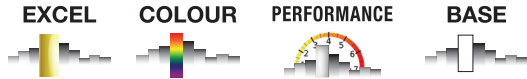
LED GUIDE – DOT 9700B BASE SERIES

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 @ L80/B10)
9738B	(3) 350mA	3 <sup>A</sup>	13.6	<b>1311</b>	<b>96.4</b>	≥70,000
9738B	(3) 350mA	4	13.6	<b>1277</b>	<b>93.9</b>	≥70,000
9778B	(7) 700mA	3 <sup>A</sup>	26.4	<b>2409</b>	<b>91.3</b>	≥70,000
9778B	(7) 700mA	4	26.3	<b>2347</b>	<b>89.2</b>	≥70,000
97108B	(10) 1050mA	3 <sup>A</sup>	40.3	<b>3384</b>	<b>84.0</b>	≥70,000
97108B	(10) 1050mA	4 <sup>A</sup>	40.3	<b>3297</b>	<b>81.8</b>	≥70,000

<sup>A</sup> Figures extrapolated / interpolated from data at other currents.  
<sup>B</sup> Output Lumens : Delivered lumen output from downlight, including thermal, electrical and optic losses.

ORDERING CODE FORMAT





## Accessories

### AXLOCK ACCESSORIES

Fitted to downlight *after* installation

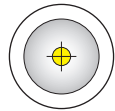
Accessory trims available

1 White 2 Black 3 Silver

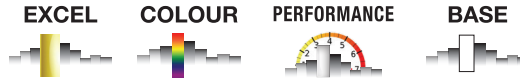


Other colours available on request.

	<p><b>X</b> <b>Round Ceiling Plate with highlight</b> IP20</p> <p>Moulded polycarbonate with metal trim - 155mm dia. overall</p>	<p><b>XC</b> <b>Round Flush Clear Lens with highlight</b> IP6X above ceiling* IP65 below ceiling</p> <p>*1400mA models IP20 above ceiling IP65 below ceiling</p>
<p>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>XDL</b> <b>Round Soft Diffusion Lens with highlight</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate with metal trim - 155mm dia. overall</p>	<p><b>XW</b> <b>Round Washlite Lens with highlight</b> IP54</p> <p>Moulded polycarbonate with metal trim - 155mm dia. overall</p>
	<p><b>Default</b> (fitted as standard) <b>Round Ceiling Plate</b> IP20</p> <p>Moulded polycarbonate - 155mm dia. overall</p>	<p><b>S</b> <b>Square Ceiling Plate</b> IP20</p> <p>Moulded polycarbonate - 156mm square overall</p>
<p>*1400mA 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 - 155mm dia. overall</p>	<p>*1400mA 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 - 156mm square overall</p>
<p>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>DL</b> <b>Round Flush Soft Diffusion Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate - 155mm dia. overall</p>	<p>*1400mA models IP20 above ceiling IP65 below ceiling</p> <p><b>SDL</b> <b>Square Flush Soft Diffusion Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate - 156mm square overall</p>
	<p><b>W</b> <b>Round Washlite Lens</b> IP54</p> <p>Moulded polycarbonate - 155mm dia. overall</p>	<p><b>SW</b> <b>Square Washlite Lens</b> IP54</p> <p>Moulded polycarbonate - 156mm square overall</p>
	<p><b>FG</b> <b>Round Flush Glass</b> IP54</p> <p>5mm thick toughened glass with sandblasted centre. - 158mm dia. overall</p>	<p><b>SFG</b> <b>Square Flush Glass</b> IP54</p> <p>5mm thick toughened glass with sandblasted centre. - 158mm square overall</p>
	<p><b>DG</b> <b>Round Dropped Glass</b> IP20</p> <p>5mm thick toughened glass with sandblasted centre. - 158mm dia. overall</p>	



155mm dia. o/a  
140mm 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>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>CS</b> <b>Round Clear Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 155mm dia.</p>	<p>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>SCS</b> <b>Square Clear Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 155mm square.</p>
<p>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>DLS</b> <b>Round Soft Diffusion Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 155mm dia.</p>	<p>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>SDS</b> <b>Square Soft Diffusion Lens</b> IP6X above ceiling* IP65 below ceiling</p> <p>Moulded polycarbonate – 155mm square.</p>
	<p><b>WS</b> <b>Round Washlight Lens</b> IP54</p> <p>Moulded polycarbonate – 155mm dia.</p>		<p><b>SWS</b> <b>Square Washlight Lens</b> IP54</p> <p>Moulded polycarbonate – 155mm square.</p>
<p>*1400mA models IP20 above ceiling IP65 below ceiling</p>	<p><b>K</b> <b>Vandal Proof Secured Access Lens</b> IK 10 IP6X above ceiling* IP65 below ceiling Moulded polycarbonate – 155mm dia. overall</p>		

### PROSPEC OPTIONS

**Project Specific** Accessory Options  
– Factory Fitted

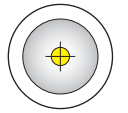
Accessory trims available

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



Other colours available on request.

	<p><b>R</b> <b>Round Adaption Plate</b> IP20 140mm ID / 210mm OD For maximum: – 200mm dia. hole</p>		<p><b>TW</b> <b>Twin Mounting Plate</b></p>
	<p><b>U</b> <b>UGR Reduction Accessory</b> For improved visual comfort with wide beam models.</p>		<p><b>SR</b> <b>Semi Recessed Ring</b> 25mm ring reduces overall installation height to 121mm.</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>		<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>



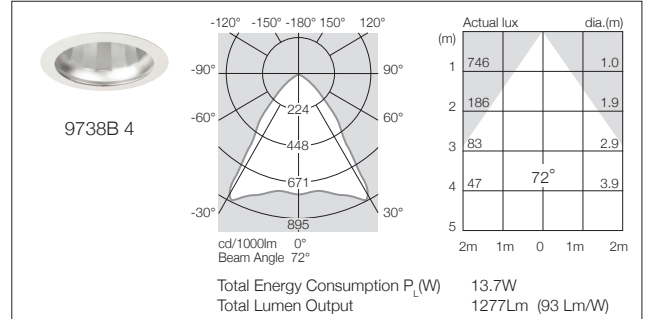
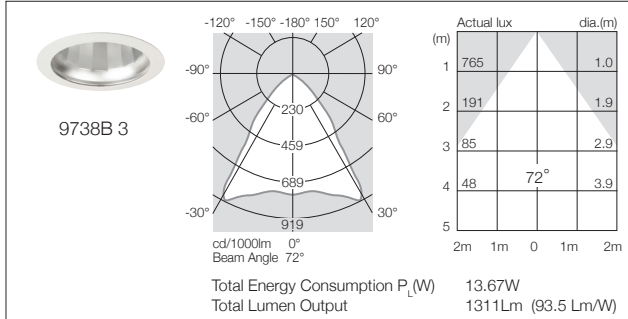
155mm dia. o/a  
140mm dia. hole



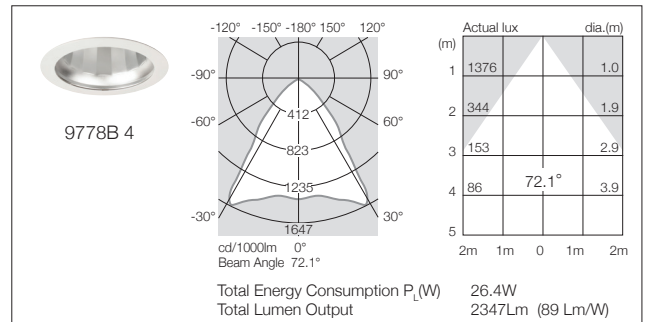
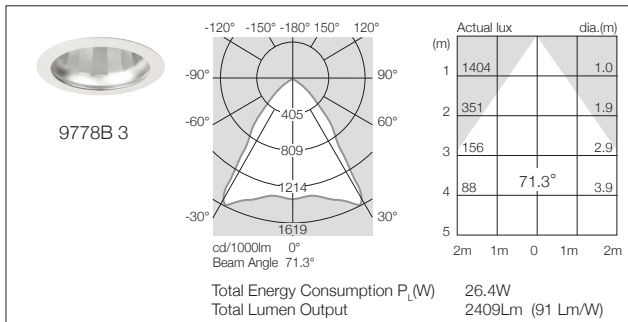
**Photometric Data**

**9700B LED**  
Gen 2 BASE SERIES

350 mA  
CREE CMA  
LED



700 mA  
CREE CMA  
LED



1050 mA  
CREE CMA  
LED

