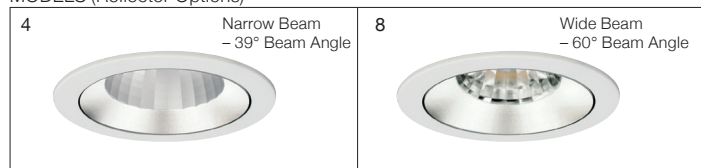


MODELS (Reflector Options)



TECHNICAL

Refer LED Performance Guide		
Total Energy Consumption $P_L(W)$	Luminaire Body	1000 gms
Weights	Remote Driver	190 gms
IEC 60598 – parts 1 and 2		Complies
AS/NZS60598 – parts 1 and 2		Complies
Cyanosis (Australia only)		4000k option approved
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 9700X EXCEL 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 (Hours @ L90)
9728X	(2) 250mA	3 ^A	10.1	832	82.4	≥70,000
9728X	(2) 250mA	4	10.1	957	94.7	≥70,000
9738X	(3) 350mA	3 ^A	13.8	1120	81.2	≥70,000
9738X	(3) 350mA	4	13.8	1286	93.4	≥70,000
9758X	(5) 500mA	3 ^A	19.2	1650	85.9	≥65,000
9758X	(5) 500mA	4	19.2	1891	98.6	≥65,000
9778X	(7) 700mA	3 ^A	27.1	2180	80.4	≥60,000
9778X	(7) 700mA	4	27.1	2509	92.5	≥60,000
9798X	(9) 900mA	3 ^A	34.9	2780	79.6	≥55,000
9798X	(9) 900mA	4	34.9	3193	91.5	≥55,000
97108X	(10) 1050mA	3 ^A	40.3	3160	78.4	≥50,000
97108X	(10) 1050mA	4	40.3	3635	90.2	≥50,000
97148X	★(14) 1400mA	3 ^A	55.1	3990	72.4	≥40,000
97148X	★(14) 1400mA	4	55.1	4587	83.3	≥40,000

^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%.

★ IP6X option NOT available on 1400mA models.

ORDERING CODE FORMAT

Example:

Model Series Number (97) → 97
Driver Code (See table above) → 3
Beam Angle (4-Narrow or 8-Wide) → 8
Series Code (X: Excel) → X
LED engine colour (3-830 or 4-840) → 4
Dimming option if required (See table above) → D1
Accessory Code → C



Accessories

AXLOCK ACCESSORIES

Fitted to downlight **after** installation

Accessory trims available

1 White 2 Black 3 Silver



Other colours available on request.

	X Round Ceiling Plate with highlight IP20 Moulded polycarbonate with metal trim – 155mm dia. overall	XC Round Flush Clear Lens with highlight IP6X above ceiling IP65 below ceiling Moulded polycarbonate with metal trim – 155mm dia. overall * NOT available on 1400mA models
	XDL Round Soft Diffusion Lens with highlight IP6X above ceiling IP65 below ceiling Moulded polycarbonate with metal trim – 155mm dia. overall * NOT available on 1400mA models	XW Round Washlite Lens with highlight IP54 Moulded polycarbonate with metal trim – 155mm dia. overall
	Default (fitted as standard) Round Ceiling Plate IP20 Moulded polycarbonate – 155mm dia. overall	S Square Ceiling Plate IP20 Moulded polycarbonate – 156mm square overall
	C Round Flush Clear Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 155mm dia. overall * NOT available on 1400mA models	SC Square Flush Clear Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 156mm square overall * NOT available on 1400mA models
	DL Round Flush Soft Diffusion Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 155mm dia. overall * NOT available on 1400mA models	SDL Square Flush Soft Diffusion Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 156mm square overall * NOT available on 1400mA models
	W Round Washlite Lens IP54 Moulded polycarbonate – 155mm dia. overall	SW Square Washlite Lens IP54 Moulded polycarbonate – 156mm square overall
	FG Round Flush Glass IP54 5mm thick toughened glass with sandblasted centre. – 158mm dia. overall	SFG Square Flush Glass IP54 5mm thick toughened glass with sandblasted centre. – 158mm square overall
	DG Round Dropped Glass IP20 5mm thick toughened glass with sandblasted centre. – 158mm dia. overall	

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

 CS Round Clear Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 192mm dia. * NOT available on 1400mA models	 SCS Square Clear Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 195mm square. * NOT available on 1400mA models
 DLS Round Soft Diffusion Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 192mm dia. * NOT available on 1400mA models	 SDS Square Soft Diffusion Lens IP6X above ceiling IP65 below ceiling Moulded polycarbonate – 195mm square. * NOT available on 1400mA models
 WS Round Washlight Lens IP54 Moulded polycarbonate – 192mm dia.	 SWS Square Washlight Lens IP54 Moulded polycarbonate – 195mm square.
 K Vandal Proof Secured Access Lens IK 10 IP6X above ceiling – IP65 below ceiling Moulded polycarbonate – 155mm dia. overall	

PROSPEC OPTIONS

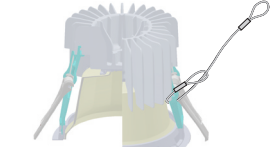
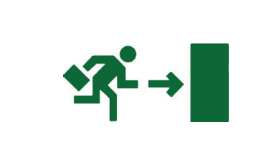
Project Specific Accessory Options
– Factory Fitted

Accessory trims available

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



Other colours available on request.

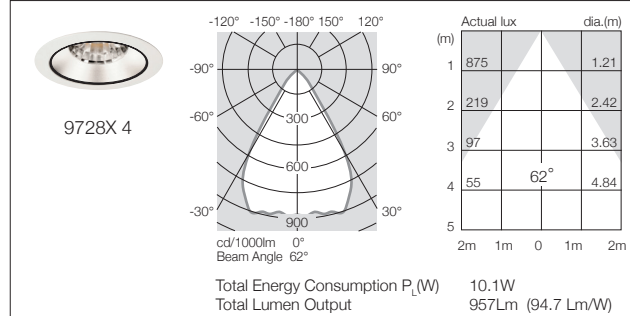
 R Round Adaption Plate IP20 140mm ID / 210mm OD For maximum: – 200mm dia. hole	TW  Twin Mounting Plate
 U UGR Reduction Accessory For improved visual comfort with wide beam models.	 SR Semi Recessed Ring 25mm ring reduces overall installation height to 121mm.
 Z (+ required length) Seismic Restraint 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.



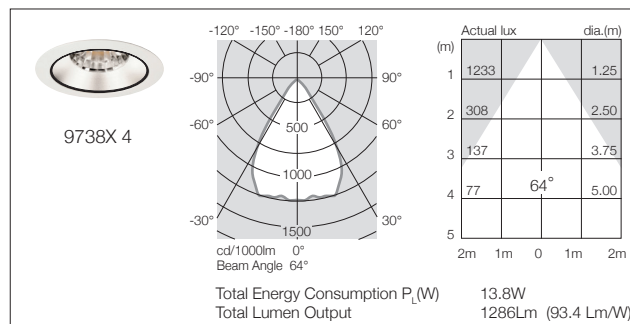
Photometric Data

9700X LED EXCEL SERIES

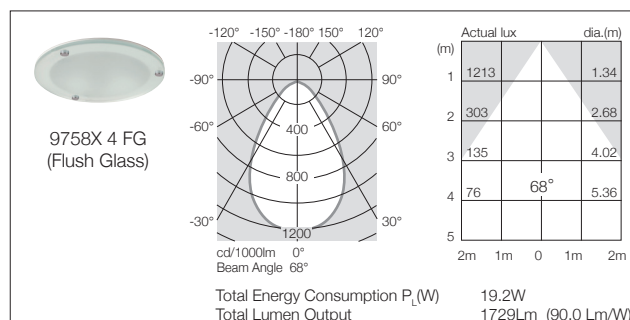
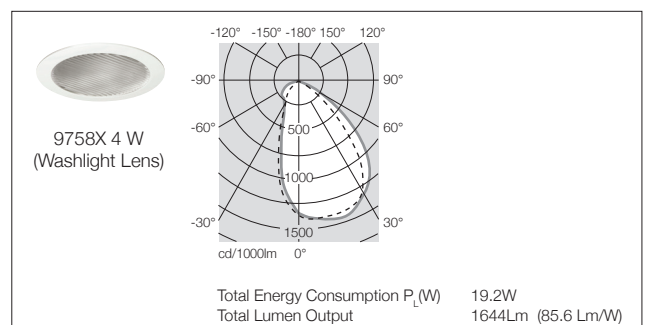
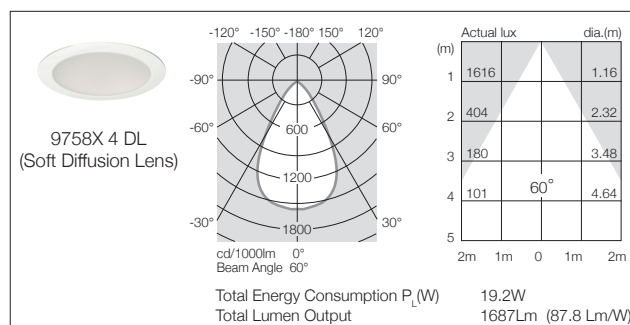
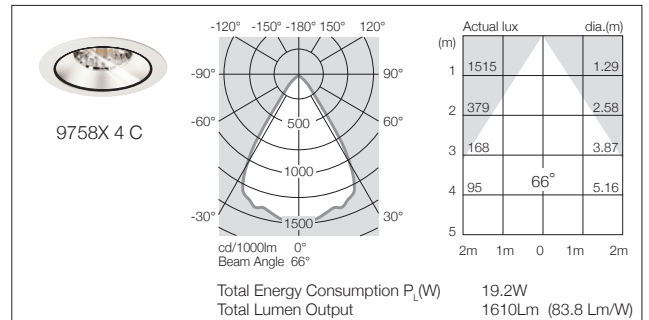
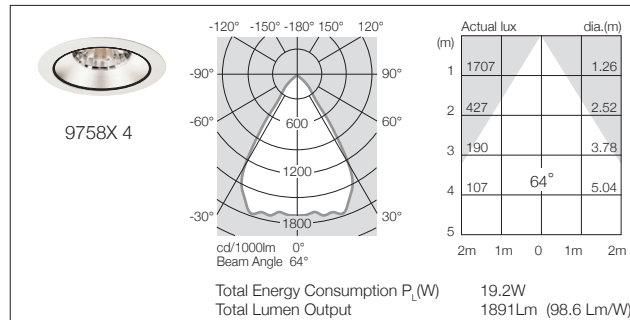
250 mA
CREE CXB
LED



350 mA
CREE CXB
LED



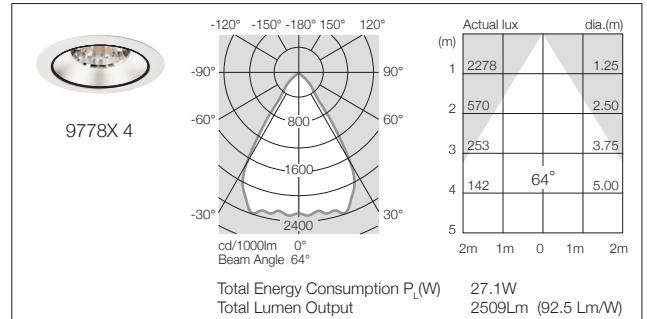
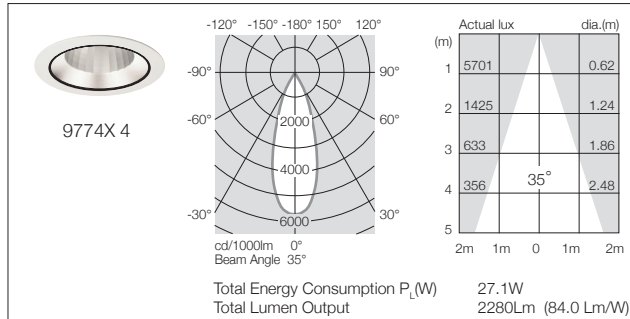
500 mA
CREE CXB
LED



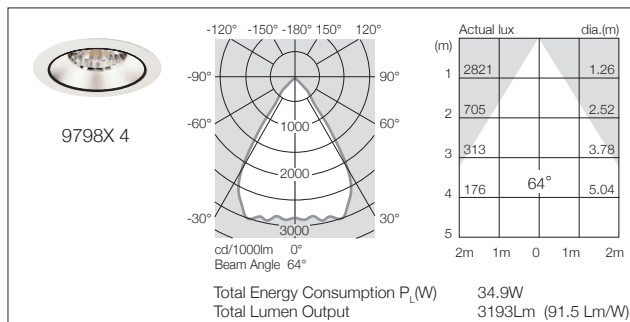


Photometric Data

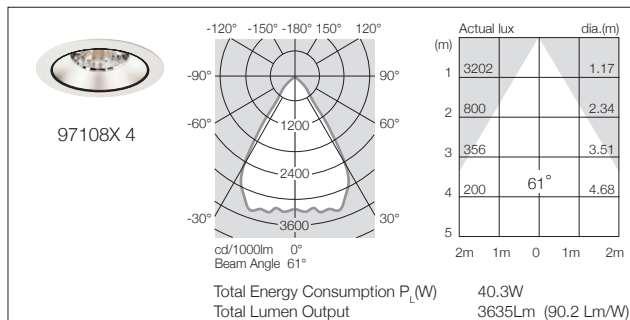
700 mA
CREE CXB
LED



900 mA
CREE CXB
LED



1050 mA
CREE CXB
LED



1400 mA
CREE CXB
LED

