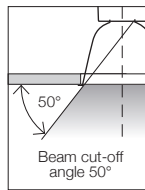




9 Array
CREE XM-L
LED engine



146mm

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

MODELS

Narrow Beam 36° Beam Angle	Wide Beam 73° Beam Angle

OPTION

IP6X		Dust Proof Optical Assembly Factory Fitted	IP 6X
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AXLOCK ACCESSORIES Fitted to downlight after installation.
Accessory trims available White /01 or Silver /55.

A930		Round Ceiling Plate IP20	A938		Square Ceiling Plate IP20
A931-DL		Round - Soft Diffusion Lens IP54	A932-DL		Square - Soft Diffusion Lens IP54
A933		Round Washlight Lens IP54	A934		Square Washlight Lens IP54
A937-FG		Round Flush Glass IP54	A935-FG		Square Flush Glass IP54
A937-DG		Round Dropped Glass IP20	A931-DL / A932-DL / A933 Available in Secured Access		

VANDAL PROOF ACCESSORY Fitted to downlight before installation.

A80		Vandal Proof Secured Access IK 10
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White Ceiling Plate A930/01 fitted to downlight as standard.

Total Energy Consumption P _t (W) – Refer LED Performance Guide		
Weights	Luminaire Body	1000 gms
	Remote Driver	190 gms
IEC 60598.1.2		Complies
AS/NZS60598.1.2		Complies
IP Rating		Refer Accessory

Dimming Option Available

- Analogue dimming 0-10 volt	AD
- DALI dimming	DALI
- DSI dimming (Digital Serial Interface)	DD
Weights	Luminaire Body
	Remote Driver
	1000 gms
	145 gms

ORDERING CODE FORMAT

Example: DOT 92 3 8 /IP6X /40 /DALI /A930

Model Series Number (92)	92
LED Lumen Output (Refer Table below*)	3
Beam Angle (4-Narrow or 8-Wide)	8
IP6X Option (if required)	/IP6X
LED engine colour (/30-830 or /40-840)	/40
Dimming option if required (/AD, /DALI or /DD)	/DALI
Accessory Code	/A930

*** LUMEN OUTPUT TABLE**

Key No.	Driver Current	Nominal Lumens generated by LED engine
3	350mA	1100
5	500mA	1500
7	700mA	2000
8	900mA	2500
9	1050mA	3000
10	1400mA	4000
11	1750mA	4500

LED PERFORMANCE GUIDE

DOT Model	Driver current (mA) / Colour Temp (830/840)	Wattage (W)	Lumens generated by LED engine ^B	Output Lumens ^C	Luminaire efficacy (lm/W output)	Lifetime – LED engine (Hours @ L90)
DOT 9234	350mA / 830	10.4	1020	753	72.4	>100,000
DOT 9238	350mA / 840	10.5	1113	836	79.6	>100,000
DOT 9254	500mA / 830 ^A	14.9	1441	1043	70.0	>100,000
DOT 9258	500mA / 840 ^A	14.9	1572	1138	76.4	>100,000
DOT 9274	700mA / 830	20.8	1980	1396	67.1	100,000
DOT 9278	700mA / 840	20.8	2160	1516	72.9	100,000
DOT 9284	900mA / 830 ^A	26.6	2495	1744	65.6	80,000
DOT 9288	900mA / 840 ^A	26.6	2722	1903	71.5	80,000
DOT 9294	1050mA / 830	30.8	2864	1981	64.3	65,000
DOT 9298	1050mA / 840	31.0	3125	2162	69.7	65,000
DOT 92104	1400mA / 830 ^A	42.6	3677	2511	58.9	50,000
DOT 92108	1400mA / 840	42.6	4011	2875	67.5	50,000
DOT 92118	1750mA / 840	50.0	4705	3105	62.1	40,000

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

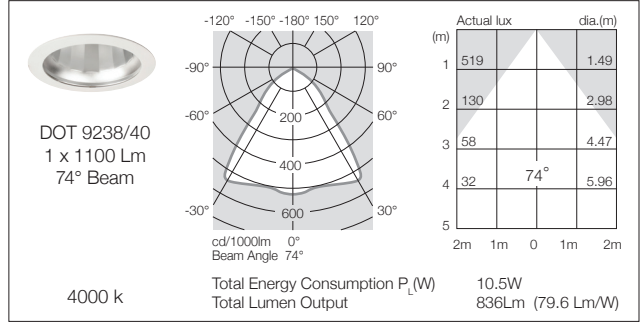
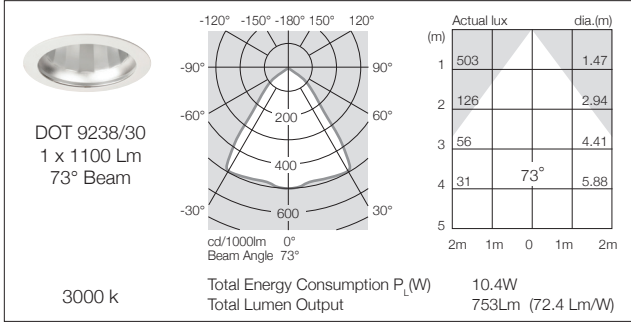
^B Lumens generated : Cree stated LED Engine lumens before downlight losses incurred.

^C Output Lumens : Actual lumen output from downlight, including thermal, electrical and optic losses.

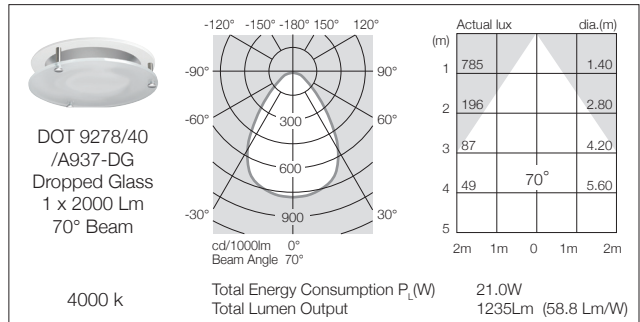
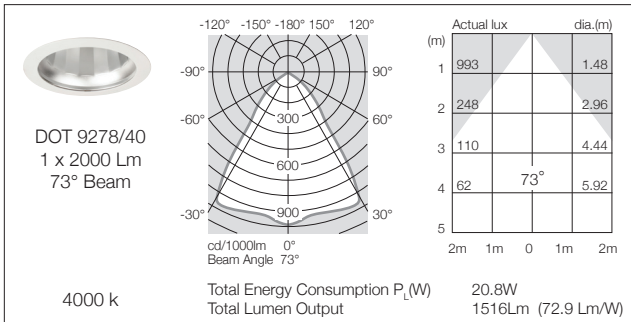
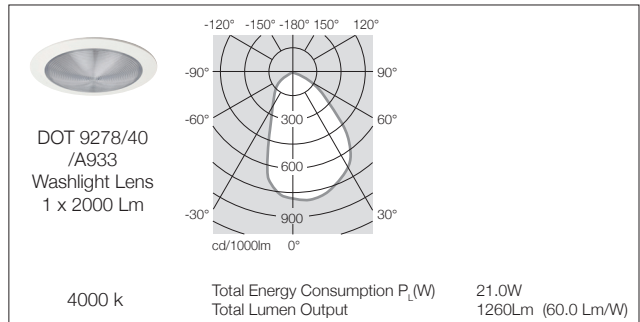
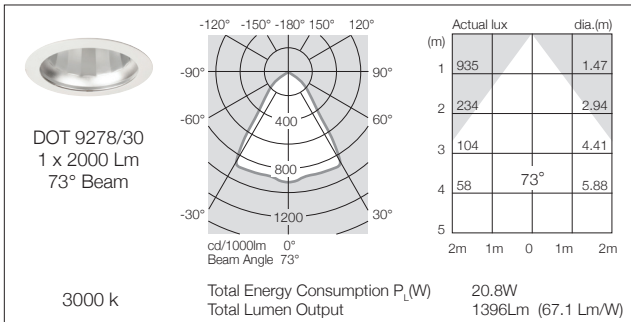
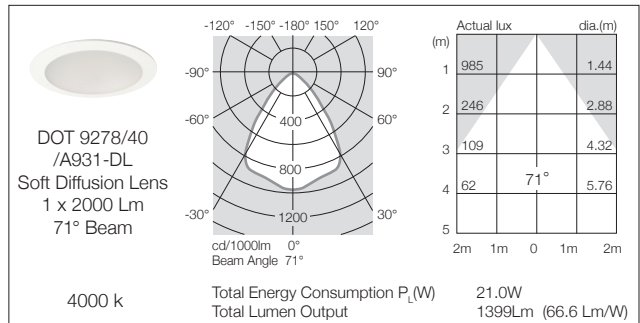
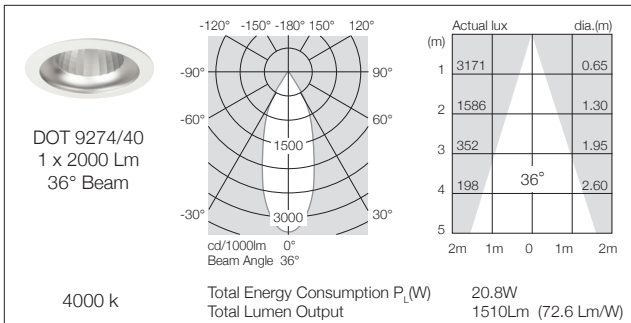
DOT 9200 LED
PERFORMANCE SERIES



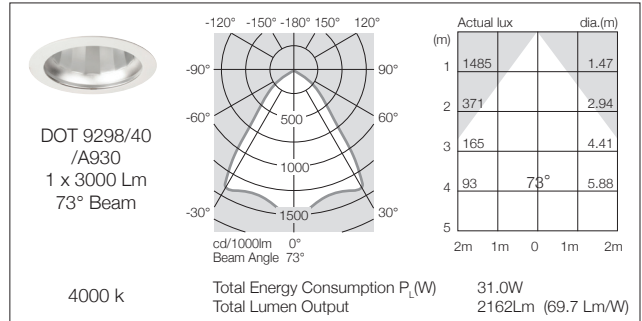
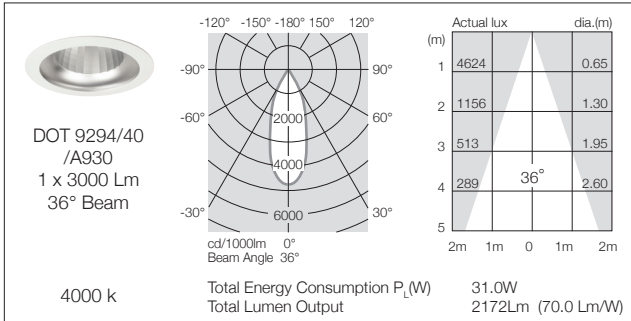
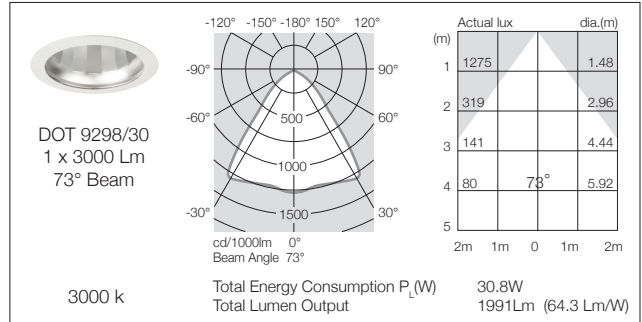
350 mA
CREE XM-L
LED engine



700 mA
CREE XM-L
LED engine



1050 mA
CREE XM-L
LED engine



1400 mA
CREE XM-L
LED engine

