LuxR M4

CoolTouch <65°c
LEDShield
Thermaflux

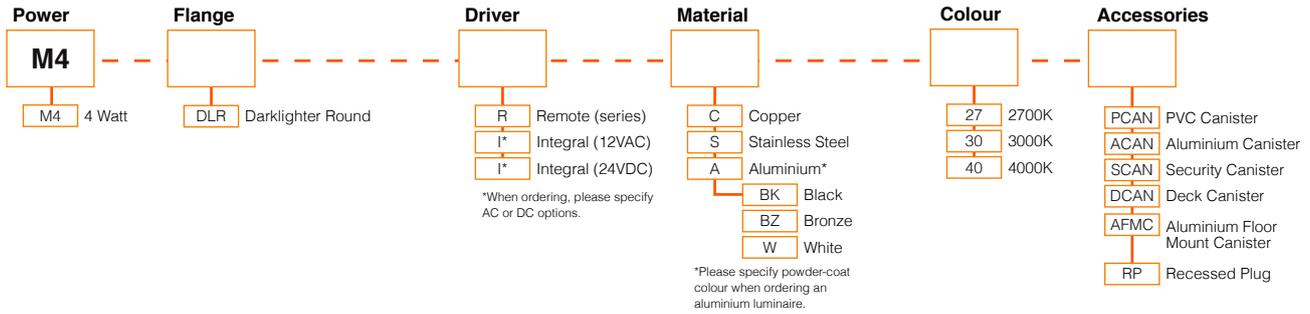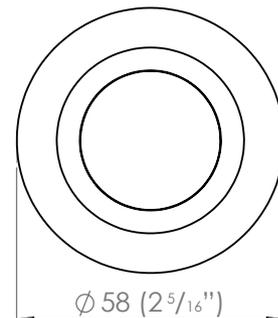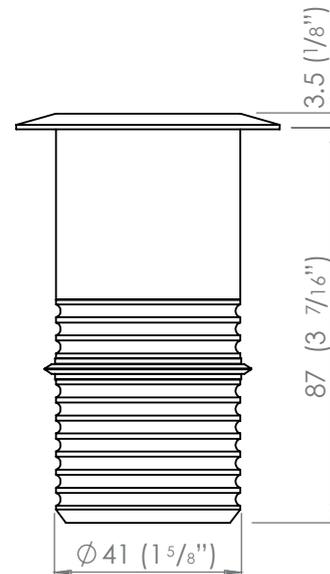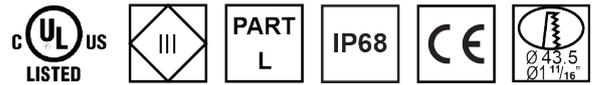|								
5yr BODY WARRANTY ALUMINIUM	**10yr** BODY WARRANTY COPPER - STAINLESS STEEL	**5yr** ELECTRONICS WARRANTY	ECO	REPLACEABLE LED	MODULAR DESIGN	EASY INSTALL	LOW MAINTENANCE	NZ MADE

M4 DARKLIGHTER CONFIGURATION
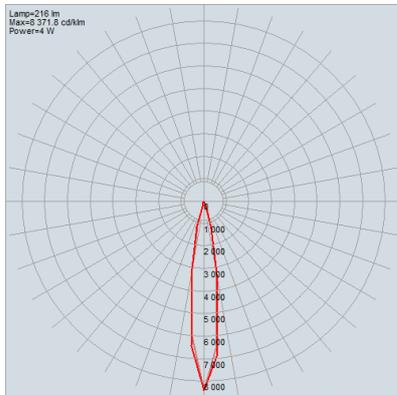
Please fill in appropriate codes into boxes provided

Power

M4

M4 — 4 Watt

Flange

DLR — Darklighter Round

Driver

R — Remote (series)
I* — Integral (12VAC)
I* — Integral (24VDC)

*When ordering, please specify AC or DC options.

Material

C — Copper
S — Stainless Steel
A — Aluminium*
  BK — Black
  BZ — Bronze
  W — White

*Please specify powder-coat colour when ordering an aluminium luminaire.

Colour

27 — 2700K
30 — 3000K
40 — 4000K

Accessories

PCAN — PVC Canister
ACAN — Aluminium Canister
SCAN — Security Canister
DCAN — Deck Canister
AFMC — Aluminium Floor Mount Canister
RP — Recessed Plug

MODUX FOUR DARKLIGHTER

SPECIFICATIONS

Power	4 Watt
Ingress Protection Rating	IP68
Cable	H05RN-F 2x 0.75mm
Material	- Black/ White/Bronze Powdercoated - Natural Copper - 316 Stainless Steel
Lens Cover	Clear
Removable Light Engine	Screw Mounted 4W Cree XHP50 Chip
Colour Temperature	Warm White - 2700K and 3000K Neutral White - 4000k Red, Green, Blue, Amber
Optic Degrees	26°
CRI	90+ CRI
Efficacy	90lm/w - Delivered from Luminaire with unobstructed beam
Input	700mA Constant current (Remote) 12V AC (Integral) 24V DC (Integral)
Warranty	Electronics Warranty 5 Years
Body Warranty	5 years Aluminium. 10 years Copper and Stainless Steel
Load Rating	Stainless Steel only 5000kg/11000lbs COPPER AND ALUMINIUM ARE SOFT METALS AND ARE NOT SUITABLE FOR DRIVE OVER APPLICATIONS
LED Shield	LED Bypass Shunt LED Reverse Polarity Protection
LED Life Expectancy	50,000 Hours
B Number	94.05

c UL us LISTED — III — PART L — IP68 — CE — Ø 43.5 Ø1 11/16"

3.5 (1/8")
87 (3 7/16")
Ø 41 (1 5/8")
Ø 58 (2 5/16")

LuxR M4

BEAM ANGLES

Lamp=216 lm
Max=8 371.8 cd/klm
Power=4 W

16°

ACCESSORIES

Recessed mounting canisters
(Please refer to the canister spec sheets for more information)

REPLACING COMPONENTS

Firstly remove the luminaire from its recessed location.
Unscrew the flange paying close attention to the assembly
order or refer to the diagram below. Locate the item that
needs to be replaced, it is imperative you replace the
component with factory LuxR parts to ensure correct
operation of the luminaire. When reassembling make sure
all the components are in their correct order to ensure water
tightness and correct light output.

M4 DARKLIGHTER

The M4 luminaire range is powered by a 4 watt LuxR light
engine that offers a wide choice of LED colours. The luminaire
was developed to meet the challenge of delivering high
quality practical accent lighting with maximum energy
efficiency and a long, maintenance-free life.

All LuxR luminaires offer a replaceable LED system using
Cree LED chips for maximum performance and long life.
Precise LED binning by Cree ensure the same colour
temperature across all our luminaires which allows LuxR
products to be situated close to one another without the fear
of colour variance in the colours.

This luminaire is extremely tough, durable and waterproof,
making it ideal for installation in public spaces, large-scale
projects and residential areas.
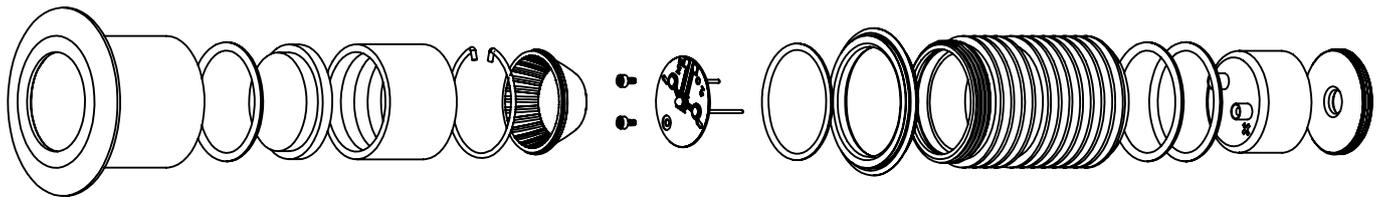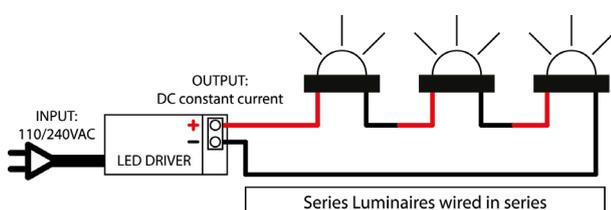
RECOMMENDATIONS

Using the recessed mounting canisters will make recessed
installation of this product simple. Core a hole in an existing
wall or cast the canister in. Once in place, simply push the
fitting into the canister. The luminaire will be retained by a
silicon wiper seal.

REMOTE DRIVER WIRED IN SERIES

Often referred to as series wiring the current in a series circuit
follows one path from start-to-finish with the positive of the
second LED connected to the negative of the first. Series
wiring allows a single driver to be mounted remotely, power-
ing a number of series fittings. Often the most simplest of
wiring schemes as each fitting is connected to the next in a
daisy chain. It removes the need for a smaller 12 volt driver in
each fitting.

INTEGRAL DRIVER + TRANSFORMER

In a parallel circuit all the positive connections are tied
together and back to the positive output of the LED driver and
all the negative connections are tied together and back to the
negative output of the driver. The integral driver option allows
LuxR fittings to be wired in parallel to existing or new
installations where a wire wound or magnetic transformer is
being used.