HUNZA™ PURE OUTDOOR LIGHTING

Tree Mount High Power / Retro
PURE LED

PROJECT:

TYPE:

SOURCE:

NOTES:

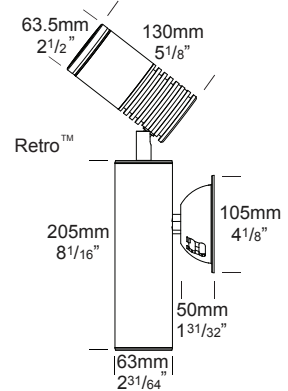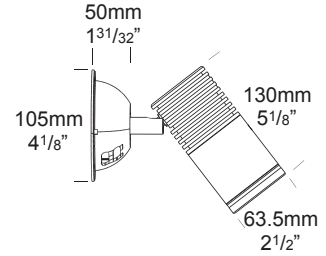## SPECIFICATIONS

CE · c(UL)us LISTED

LED Chip	Cree CXA1512 Plug and Play field replaceable LED board
Luminaire Output	1200 Lumens @ 700mA, delivered from luminaire with unobstructed beam.
Lumens Per Watt	100 Lumens @ 12 watts minimum, delivered from luminaire with unobstructed beam
CRI (3000K)	85+ Standard, 90+ Optional
Colour Temperatures	2700K, 3000K, 4000K
Beam Angles	15, 25, 38, 60
Ingress Protection	IP66

Warranty	Electronics = 5 years Body Aluminium = 5 years
Standards	AS/NZS 61046 cUL 1598 CSA C22.2 No. 250.0 CE

50mm 1³¹/₃₂"
130mm 5¹/₈"
105mm 4¹/₈"
63.5mm 2¹/₂"

63.5mm 2¹/₂"
130mm 5¹/₈"
Retro™
205mm 8¹/₁₆"
105mm 4¹/₈"
50mm 1³¹/₃₂"
63mm 2³¹/₆₄"

Retro

PRODUCT CONFIGURATION

Please fill in appropriate codes into boxes provided

Cat. No. TM/HP/L

Luminaire	Power	Material/Finish	Beam	Colour	Accessories
TM/HP/L					

S	SERIES, REMOTE DRIVER	
R	RETRO, 110/240V DRIVER	
D24	24VDC DRIVER	

ALUMINIUM:

EBK	BLACK
EBZ	BRONZE
EOGR	OLIVE GREEN
EWH	WHITE
EWB	WHITE BIRCH
EDG	DARK GREY
ESTAR	SILVER STAR
ECT	CORTEN

15	15°
25	25°
38	38°
60	60°

2	2700K
3	3000K
4	4000K
39	3000K, 90+ CRI

CJK	CABLE JOINT KIT
HCL	HEX CELL LOUVRE
SNT	SNOOT
GG	GLARE GUARD
LF	FROSTED LENS
LKN	LOCKING KNUCKLE

SERIES, REMOTE DRIVER REQUIRED:
Constant current driver
Individual fixtures require 18vdc @ 700mA maximum

110/240VAC RETRO DRIVER:
Input: 90/305vac, 5 watt total (included)
Output: 18vdc, 700mA
0-10 volt dimming
(USA - non dimming)

24VDC DRIVER:
Input: 24vdc
Output: 18vdc @ 700mA constant current

ADDITIONAL COMMENTS:

LUMINAIRE CONSTRUCTION

CNC machined from one of the following metals:

Aluminium:
Body: high corrosion resistant 63.5mm (2¹ᐟ²") x 10mm (3/8") aluminium.
End cap: solid aluminium 63.5mm (2¹ᐟ²") rod, with chromate substrate and high UV resistant polyester powder coat.
Colours:
Black, Bronze, Silver Star, White, White Birch, Olive Green, Dark Grey, Corten.

Dome:
Molded from glass-filled polypropylene wtih snap in 1/2" NPS female adaptor.

Lens:
10mm (3/8") Extra clear, low iron, shatter resistant glass.
Lifetime warranty

Knuckles:
Aluminium luminaires: 360º rotation and 0-90º elevation, solid brass with anti rust spring.

Gaskets:
Silicone, iron impregnated 220ºC (428ºF)

Mounting:
The Tree Mount Dome is secured to the tree with 3 x 95mm (1/8" x 3³ᐟ⁴") 316 stainless steel bolts. The Tree Mount Rubber Strap version is secured to the tree with an adjustable rubber strap. The strap is supplied in a 1m (39 ³ᐟ⁸") and can be tightened against the tree.
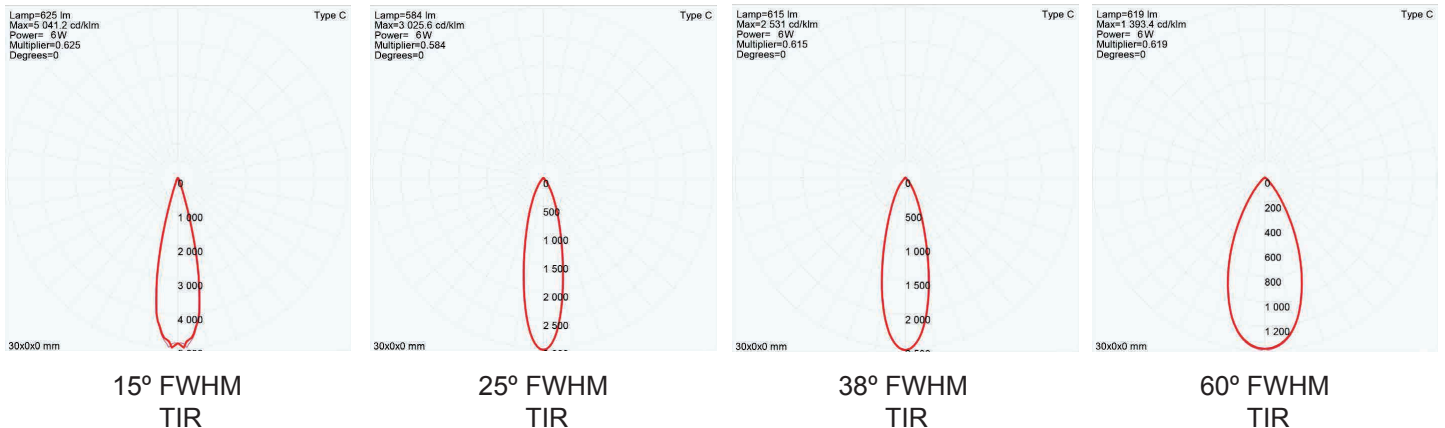
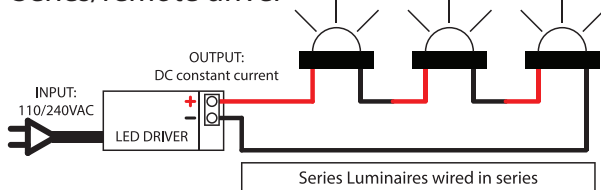**Luminaire Weight:**
Alum: 0.870kg (1lb 15oz)

ACCESSORIES

50mm 2"

70mm 2³ᐟ⁴"

Hex Cell Louvre   Snoot   Glare Guard   Locking Knuckle
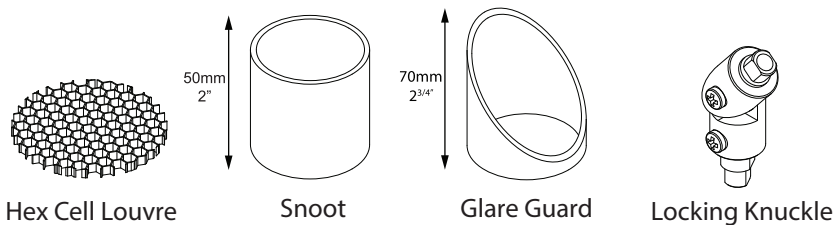
BEAM ANGLES

High efficiency PMMA TIR lenses. Field replaceable

IES files available for download: http://www.hunzalighting.com/download.php

| Lamp=625 lm Max=5 041.2 cd/klm Power= 6W Multiplier=0.625 Degrees=0 | Lamp=584 lm Max=3 025.6 cd/klm Power= 6W Multiplier=0.584 Degrees=0 | Lamp=615 lm Max=2 531 cd/klm Power= 6W Multiplier=0.615 Degrees=0 | Lamp=619 lm Max=1 393.4 cd/klm Power= 6W Multiplier=0.619 Degrees=0 |

15º FWHM TIR   25º FWHM TIR   38º FWHM TIR   60º FWHM TIR

WIRING GUIDE

Series/remote driver

available for download: http://www.hunzalighting.com/download.php

12v integral driver

INPUT: 110/240VAC

OUTPUT: DC constant current

LED DRIVER

Series Luminaires wired in series

INPUT: 110/240VAC

OUTPUT: 12VAC

TRANSFORMER

12VAC Driver

Luminaires with 12VAC internal driver wired in parallel

Diagrams are a guide only, wire colours and polarity may change depending on fixture and country