JOB NAME

CONTACT

ORDERING CODE

Zeta750 Snap Solo
Recessed - Integrated Heat Sink - Snap In Static White

DESCRIPTION

Zeta750 Snap Solo features an integrated heat sink for installation in a range of materials from metallic to wood.

Zeta750 Snap Solo features a patented design with a collapsible thread. With one easy push, the module snaps securely into the rail. Removal is only possible with a unique extraction tool. Most cost effective rail solution on the market. Field or OEM handrail installation. Curved face available, consult factory. Series shunt bypass ensures remaining operate if single puck failure (exception: RGBW).

HOUSING

Extremely durable 316 stainless steel marine grade electro-polished housing, with 3.5" (90mm) 20AWG wire leads

MOUNTING

- Install in a range of materials from metallic to wood. Luminaire is for use in non-insulated recessed surfaces
- Flat mounting surface
- Through hole required for wiring in alternate materials
- Aperture - 15mm or 15mm + (16mm x 0.5mm) counterbore (required for flush finish)

ELECTRICAL/LED Driver

- 3Vdc, 500mA, 1.5W (Remote Driver Required)
- Cool splice connector inlcuded
- Ambient operating temperature: -40°C to + 55°C
- Series shunt bypass ensures remaining operate if single puck failure (exception: RGBW)

LISTINGS

- ETLus Listed to UL2108 (suitable for wet locations)
- cETL Listed to CSA C22.2 #250.0
- Impact tested to IK10 (EN62262) PC lens only
- IP65 rated with PC lens
- IP67 rated with Borosilicate glass lens
- 3000k or warmer must be selected for International Dark-Sky Association approval.

LED INFO

- LED: Cree Xlamp® XP-G3
       Cree Xlamp® XP-GA (Amber-590nm *Dominant Wavelength* complies with Wildlife and Marine Turtle safelighting requirements)
- Duv: 0.001
- CCT: 2700K, 3000K, 3500K, 4000K, amber
- CRI: >80
- Lumen Maintenance: L_{90}> 90,700 hrs
- Warranty: 5 year limited warranty

ORDERING CODE

SERIES	750SS	snap solo
CCT	27K	2700K
	30K	3000K
	35K	3500K
	40K	4000K
	AMB	amber
BEAM	ST	70° standard
	VA	75° asymmetric
LENS	PC	polycarbonate - IP65
	BG	borosilicate glass - IP67
FACE TYPE	FF	flat face

ORDERING CODE

Follow the steps to specify your fixture, example:
750SS - 27K - ST - PC - FF

LUMENS FOR ST/VA BEAM OPTION	
LUMENS (LM)	CCT (K)
165	2700
170	3000
175	3500
180	4000
145	amber

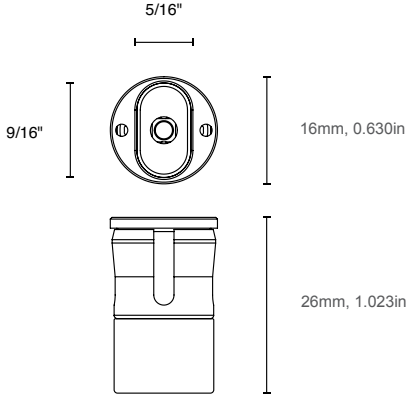See page 4 for Design Guide.

16mm, 0.63in
0.5mm, 0.020in
26mm, 1.023in
15mm, 0.59in
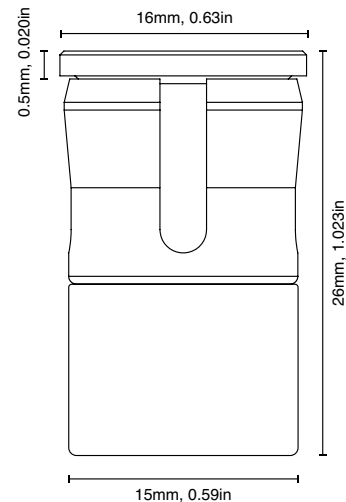
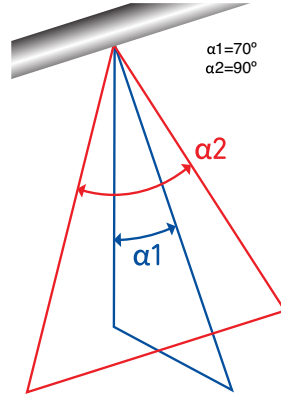## STANDARD BEAM

ZETA750 Snap Solo Standard Beam has an elliptical symmetric distribution. Snap Solo is available in a range of standard distributions and special angles on request. Asymmetrical beam, see page 3.
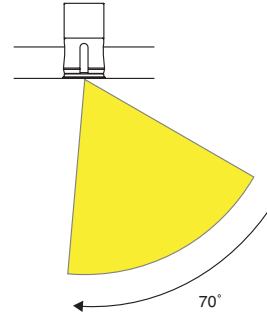
ZETA750 SNAP SOLO ST
FLAT FACE DETAIL

5/16"

9/16"

16mm, 0.630in

26mm, 1.023in

ZETA750 SNAP SOLO ST
BEAM ALPHA 3000K

$\alpha1=70º$
$\alpha2=90º$
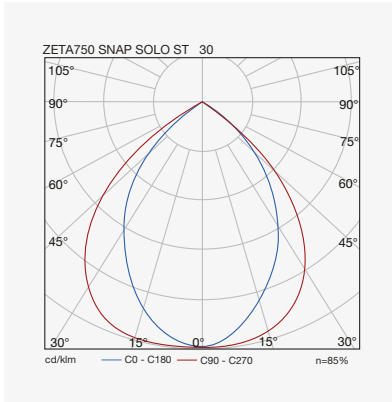
$\alpha2$

$\alpha1$

ZETA750 SNAP SOLO ST
STANDARD BEAM

70°

Elliptical symmetric distribution displayed here with a vertical mount.

ZETA750 SNAP SOLO ST 30
STANDARD SYMMETRICAL BEAM 3000K

ZETA750 SNAP SOLO ST   30

| 105° | | 105° |
90°		90°
75°		75°
60°		60°
45°		45°
30°	15° 0° 15°	30°

cd/klm   —— C0 - C180   —— C90 - C270   n=85%

ASYMMETRICAL BEAM

ZETA750 Snap Solo Asymmetric has an elliptical asymmetric distribution. The asymmetric beam illuminates the path but keeps the light source out of sight. Snap Solo is available in a range of standard distributions and special angles on request.
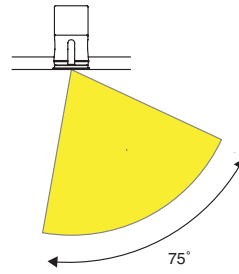
ZETA750 SNAP SOLO VA
FLAT FACE DETAIL

16mm, 0.630in

26mm, 1.023in
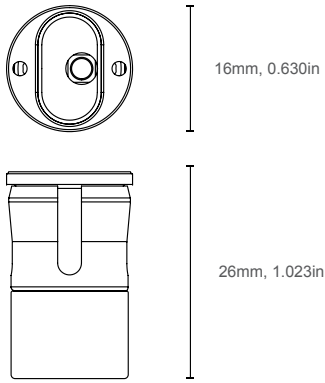
ZETA750 SNAP SOLO VA
BEAM ALPHA 3000K

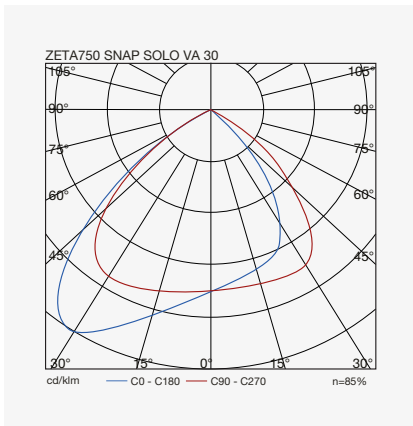$\alpha 1 = 75°$
$\alpha 2 = 100°$

$\alpha 2$

$\alpha 1$
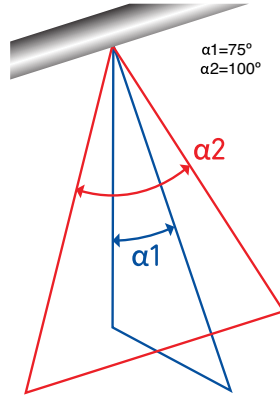
ZETA750 SNAP SOLO VA
ASYMMETRICAL BEAM

75°

Elliptical asymmetric distribution displayed here with a vertical mount

ZETA750 SNAP SOLO VA 30
ASYMMETRICAL BEAM 3000K

ZETA750 SNAP SOLO VA 30

105°	105°
90°	90°
75°	75°
60°	60°
45°	45°
30°	30°
15°	0°	15°

cd/klm   —— C0 - C180   —— C90 - C270   n=85%

SPACING GUIDE

The following guide is intended to help designers and engineers with desired foot-candles levels. The drawing to the right shows a typical installation into a handrail. The tables list the average foot-candles at a variety of path widths and LED spacings

TYPICAL INSTALLATION
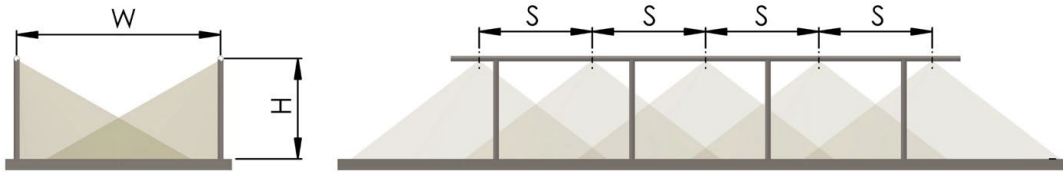
Height (H) is at 3'-1/4"

STATIC WHITE - STANDARD BEAM IP65-67: LIGHT FROM BOTH SIDES

PATH WIDTH (W)	4ft	6.5ft	10ft	13ft
LED SPACING (S)	fc	fc	fc	fc
1.5ft	32	19	13	10
3ft	16	10	6	5
6.5ft	8	5	3	2

fc = average foot-candles
CCT = 3000K
NOTE: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

STATIC WHITE - ASYMMETRICAL BEAM IP65-67: LIGHT FROM BOTH SIDES

PATH WIDTH (W)	4ft	6.5ft	10ft	13ft
LED SPACING (S)	fc	fc	fc	fc
1.5ft	27	16	11	8
3ft	14	8	5	4
6.5ft	7	4	3	2

fc = average foot-candles
CCT = 3000K
NOTE: Calculations indicated are with LED module in vertical down position.

ZETA750 SNAP TOOL KIT - FOR ROUND OR SQUARE HANDRAIL

Product Number: 750-TOOL KIT ZETA SNAP

1 1 x Drill Jig unit pre-installed with 1 x 15 and 16mm cutters

2 1 x Flat Face Spacer (for use ONLY with Flat face / Square Pipe). Not Shown.

3 1 x Drilling manual (this guide)

4 2 x 15mm cutters (spares)

5 1 x 16mm cutter (spare)

6 1 x Cutter removal tool (double-sided)

7 1 x 2mm Allen (hex) key

8 2 x cutting lubricant

9 1 x AF 10mm nut driver

10 1 x 10mm wrench

11 1 x Insertion pliers

12 1 x File

* Not shown, wire crimping pliers.

Purchases

- It is strongly recommended to purchase a kit or multiple kits for larger projects or projects with several phases.
- Additional drill bits jig assemblies can be purchased at nominal cost to replace worn or ineffective parts. CONSULT FACTORY.

NO TOOL KIT REQUIRED - FOR FLAT SURFACES

- Drill 15mm hole in mounting surface