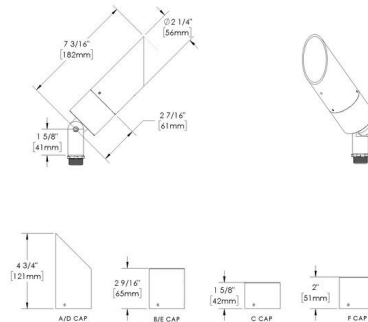


NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round



IP66



Features



Anti-condensation vent allows moisture to exit the fixture but never enter in



Lens factory adhered to fixture cap providing hermetically sealed optical compartment



Manufactured in the USA with sustainable processes



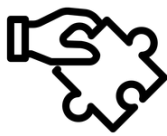
Aim & Lock knuckle eliminates need for re-aiming & adjustments



Water-tight anti-siphon plug prevents moisture ingress from wireways



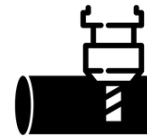
Secured with tamper-resistant, stainless steel hardware



Easily replaceable modular components reduce waste and extend fixture life



Slip fit cap & high temp. silicone 'O' ring provides reliable water-tight seal



Solid billet fixture body provides unmatched durability and heat management



360SL knuckle provides 360° horizontal rotation and vertical adjustment

Downloads

0.58 MB Family Spec Sheet (.pdf)

0.77 MB BIM - Revit (.zip)

Photometry Files (.zip)

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

Available Logic & Configurations

NS- **FL-** **LOD-** **LHP-** **-** **RO-** **TKM-** **-**
01 02 03 04 05 06A 06B 06C

01 SERIES

NS - NITE STAR

02 CATEGORY

FL - Floodlight

03 DRIVER

LOD - Low Voltage Driver

04 LIGHT SOURCE (TYPE)

LHP - LED High-Power

05 MATERIAL

AL - Aluminum

BR - Brass

SS - Stainless Steel

06A SHAPE

RO - Round

06B MOUNT

TKM - Threaded Knuckle Mount

06C STYLE

CA - Cap A - 45° (With Weephole)

CB - Cap B - 90° (With Weephole)

CC - Cap C - Flush Lens

CD - Cap D - 45°

CE - Cap E - 90°

CF - Cap F - Extended Flush Lens

- **-** **-** **-** **-** **-** **-** **-**
07 08 09 10A 10B 11 12 13

07 LIGHT SOURCE

x98 - 2700K CRI80 - 13W - LED COB - 829 - 1180 lumens

x99 - 3000K CRI80 - 13W - LED COB - 869 - 1237 lumens

x100 - 4000K CRI80 - 13W - LED COB - 903 - 1285 lumens

x101 - 2700K CRI90 - 13W - LED COB - 574 - 817 lumens

x102 - 3000K CRI90 - 13W - LED COB - 631 - 899 lumens

x103 - 3500K CRI80 - 13W - LED COB - 855 - 1217 lumens

x104 - 3500K CRI90 - 13W - LED COB - 611 - 869 lumens

x121 - 4000K CRI90 - 13W - LED COB - 681 - 969 lumens

x122 - 2700K CRI80 - 21W - LED COB - 1208 - 1416 lumens

x123 - 3000K CRI80 - 21W - LED COB - 1341 - 1571 lumens

x124 - 3500K CRI80 - 21W - LED COB - 1136 - 1331 lumens

x125 - 4000K CRI80 - 21W - LED COB - 1394 - 1634 lumens

x126 - 2700K CRI90 - 21W - LED COB - 818 - 959 lumens

x127 - 3000K CRI90 - 21W - LED COB - 1007 - 1180 lumens

x128 - 3500K CRI90 - 21W - LED COB - 723 - 847 lumens

x129 - 4000K CRI90 - 21W - LED COB - 1089 - 1277 lumens

x58 - 2700K CRI80 - 12W - LED COB - 623 - 721 lumens

x59 - 3000K CRI80 - 12W - LED COB - 653 - 756 lumens

x60 - 4000K CRI80 - 12W - LED COB - 736 - 851 lumens

x61 - 2700K CRI80 - 20W - LED COB - 1064 - 1307 lumens

x62 - 3000K CRI80 - 20W - LED COB - 1120 - 1376 lumens

x63 - 2700K CRI80 - 20W - LED COB - 1168 - 1435 lumens

x64 - 2700K CRI80 - 27W - LED COB - 1383 - 1767 lumens

x65 - 3000K CRI80 - 27W - LED COB - 1426 - 1820 lumens

x66 - 4000K CRI80 - 27W - LED COB - 1506 - 1923 lumens

09 CONTROL

NON - Non-dimming

ELV - ELV Dimming (For use with Electronic Low Voltage Dimmer. 120V only.)

INC - INC Dimming (For use with Incandescent Dimmer. 120V only.)

010 - 0-10V (120V or 277V)

NOD - No Driver (Please check the remote driver for control options)

10A LENS

09 - Clear (Standard)

12 - Soft Focus

13 - Rectilinear

10B SHIELDING

00 - Not included (Standard)

11 - Honeycomb Baffle

11 WIRING LENGTH

WL00 - Standard

WL05 - 5 Ft Leads

WL25 - 25 Ft Leads

12 FINISH

Standard Finishes

BLP, BZP, WHP, SAP, BLW, BZW, WHW, VER

Premium Finishes

CMG, SMG, RMG, AMG, TXF, BCM, BGE, WCP, OCP, HUG, ABP,

BPP, SDS, WIR, CAP, CRM, AQW, NBP

Other

RAL, CUS

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

x67 - 2700K CRI90 - 27W - LED COB - 1312 - 1676 lumens
x68 - 3000K CRI90 - 27W - LED COB - 1394 - 1779 lumens
x69 - 3500K CRI80 - 27W - LED COB - 1822 - 2327 lumens
e64 - 2700K CRI80 - 7W - LED High-Power - 397 - 456 lumens
e65 - 3000K CRI80 - 7W - LED High-Power - 406 - 466 lumens
e66 - 4000K CRI80 - 7W - LED High-Power - 456 - 524 lumens
e74 - Amber - 7W - LED High-Power - 260 - 299 lumens
e79 - 2700K CRI90 - 7W - LED High-Power - - lumens
e80 - 3000K CRI90 - 7W - LED High-Power - - lumens
e81 - 4000K CRI90 - 7W - LED High-Power - - lumens

08 OPTIC

SP - Spot (15 - 24)
FL - Flood (40 - 49)
WFL - Wide Flood (50 - 60)
SP - Spot (15 - 24)
MFL - Medium Flood (30 - 39)
WFL - Wide Flood (50 - 60)
NSP - Narrow Spot (10 - 14)
SP - Spot (15 - 24)
SP2 - Spot (15 - 24)
MFL - Medium Flood (30 - 39)

Brass Finishes

MAB, POB, MIT

Stainless Steel Finishes

MAS, POS

13 OPTION

360SL-AL - Knuckle 360SL - Aluminum

360SL-BR - Knuckle 360SL - Brass

360SL-SS - Knuckle 360SL - Stainless Steel

NOTE: Please use the individual " Product" pages within the family to configure or select your final product. BLACK = Product family selected | RED = Available options within product family (options with only one selection pre-populated)

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

Technical

Driver: Low Voltage Driver

Light Source (Type): LED High-Power

Material: Aluminum, Brass, Stainless Steel

CCT (K): Amber, 2700, 3000, 3500, 4000

CRI: Ra > -15 R9 > -350, Ra > 80, R9 > 15, Ra > 90, R9 > 50

Input Power (W): 7

Delivered Lumens (lm): 260 - 524

Beam Angle (°): 13, 16, 23, 31

Shape: Round

Mount: Threaded Knuckle Mount

Style: Cap A, Cap B, Cap C, Cap D, Cap E, Cap F

Lens: Soft Focus, Rectilinear

Shielding: Not included (Standard), Honeycomb Baffle

Wiring Length: Standard

Finish: Standard Finishes, Premium Finishes, Other, Brass Finishes, Stainless Steel Finishes

Option: Knuckle 360SL - Aluminum, Knuckle 360SL - Brass, Knuckle 360SL - Stainless Steel

Body: Unibody design with enclosed, water-proof wireway, integral heat sink, fully machined from solid billet, anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components.

Material Detail: Tree Ring - 1/8" thick AISI 304 stainless steel. Fixture - copper-free aluminum (6061-T6)., Furnished in brass (360)., Furnished in copper-free aluminum (6061-T6).

Aiming: Knuckle enables 180° vertical adjustment. 'O' Ring helps maintain fixture position. Design withstands 73 lbs. static load prior to movement for optical alignment. Mounts with a 1/2" pipe thread.

Light Source Detail: High power LEDs modular design with electrical disconnects.

Optics: Interchangeable optics permit changes in the field.

Hardware: Tamper-resistant, stainless steel hardware. Hardware is black oxide treated for additional corrosion resistance.

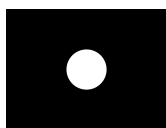
Sealing: 'O' Ring provides water-tight seal., Anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components.

Note: Adjust-e-Lume, an LED board feature, allows for dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed (A9 to A1). Standard preset from the factory is A9 (100%).

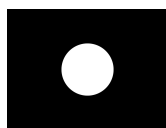
Finish Detail: Powder coat or metal finish options available for brass material., Metal finish option only for stainless steel material., StarGuard, our 15-stage chromate-free process, cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. It is RoHS compliant.

Warranty: 5-year limited warranty.

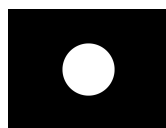
Optics



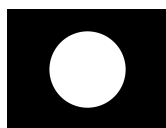
NSP - Narrow
Spot
10 - 14



SP - Spot
15 - 24



SP2 - Spot
15 - 24



MFL - Medium
Flood
30 - 39

WARNING: This is a low voltage driver product. Please check "Mountings With A Power Supply" or "Power Supplies" to order remote transformer separately.

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

Finishes

STANDARD FINISHES



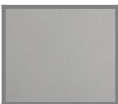
[BLP]
Satin Black



[BZP]
Satin Bronze



[WHP]
Satin White



[SAP]
Satin Aluminum



[BLW]
Black Wrinkle



[BZW]
Bronze Wrinkle



[WHW]
White Wrinkle



[VER]
Verde

PREMIUM FINISHES



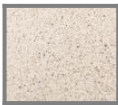
[CMG]
Cascade Mountain Granite



[SMG]
Sierra Mountain Granite



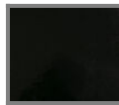
[RMG]
Rocky Mountain Granite



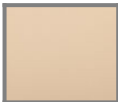
[AMG]
Aleutian Mountain Granite



[TXF]
Textured Forest



[BCM]
Black Chrome



[BGE]
Beige



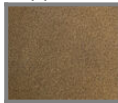
[WCP]
Weathered Copper



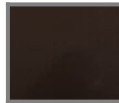
[OCP]
Old Copper



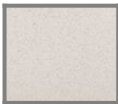
[HUG]
Hunter Green



[ABP]
Antique Brass Powder



[BPP]
Brown Patina Powder



[SDS]
Sonoran Desert Sandstone



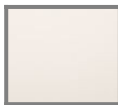
[WIR]
Weathered Iron



[CAP]
Clear Anodized Powder



[CRM]
Cream



[AQW]
Antique White



[NBP]
Natural Brass Powder

OTHER



[RAL]
RAL Color



[CUS]
Custom Color

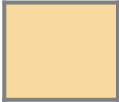
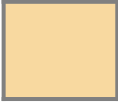
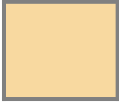
BRASS FINISHES



STAINLESS STEEL FINISHES

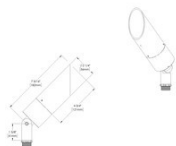


NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

[MAB] Machined (Brass) 	[POB] Polished (Brass) 	[MIT] Mitique 	[MAS] Machined (Stainless Steel)	[POS] Polished (Stainless Steel)
[MAB] Machined (Brass) 	[MIT] Mitique 	[MAB] Machined (Brass) 		
[MIT] Mitique 	[MAB] Machined (Brass) 	[MIT] Mitique 		
[MAB] Machined (Brass) 	[MIT] Mitique 	[MAB] Machined (Brass) 		
[MIT] Mitique				

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

1



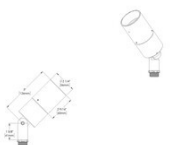
Aluminum - Round - Threaded Knuckle Mount - Cap A
NS-FL-LOD-LHP-AL-RO-TKM-CA

[SPEC SHEET](#)

[INSTALLATION INSTRUCTIONS](#)

[CONFIGURE THIS PRODUCT](#)

2



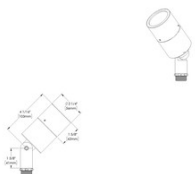
Aluminum - Round - Threaded Knuckle Mount - Cap B
NS-FL-LOD-LHP-AL-RO-TKM-CB

[SPEC SHEET](#)

[INSTALLATION INSTRUCTIONS](#)

[CONFIGURE THIS PRODUCT](#)

3



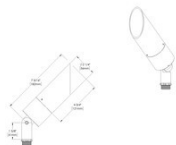
Aluminum - Round - Threaded Knuckle Mount - Cap C
NS-FL-LOD-LHP-AL-RO-TKM-CC

[SPEC SHEET](#)

[INSTALLATION INSTRUCTIONS](#)

[CONFIGURE THIS PRODUCT](#)

4



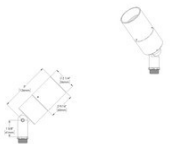
Aluminum - Round - Threaded Knuckle Mount - Cap D
NS-FL-LOD-LHP-AL-RO-TKM-CD

[SPEC SHEET](#)

[INSTALLATION INSTRUCTIONS](#)

[CONFIGURE THIS PRODUCT](#)

5



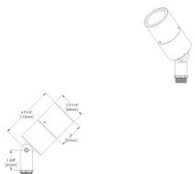
Aluminum - Round - Threaded Knuckle Mount - Cap E
NS-FL-LOD-LHP-AL-RO-TKM-CE

[SPEC SHEET](#)

[INSTALLATION INSTRUCTIONS](#)

[CONFIGURE THIS PRODUCT](#)

6



Aluminum - Round - Threaded Knuckle Mount - Cap F
NS-FL-LOD-LHP-AL-RO-TKM-CF

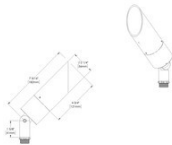
[SPEC SHEET](#)

[INSTALLATION INSTRUCTIONS](#)

[CONFIGURE THIS PRODUCT](#)

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

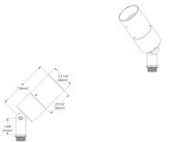
7



Brass - Round - Threaded Knuckle Mount - Cap A
NS-FL-LOD-LHP-BR-RO-TKM-CA

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

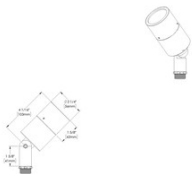
8



Brass - Round - Threaded Knuckle Mount - Cap B
NS-FL-LOD-LHP-BR-RO-TKM-CB

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

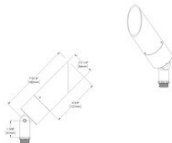
9



Brass - Round - Threaded Knuckle Mount - Cap C
NS-FL-LOD-LHP-BR-RO-TKM-CC

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

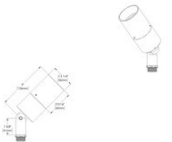
10



Brass - Round - Threaded Knuckle Mount - Cap D
NS-FL-LOD-LHP-BR-RO-TKM-CD

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

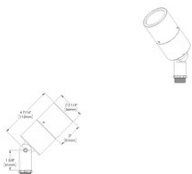
11



Brass - Round - Threaded Knuckle Mount - Cap E
NS-FL-LOD-LHP-BR-RO-TKM-CE

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

12

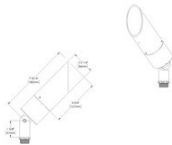


Brass - Round - Threaded Knuckle Mount - Cap F
NS-FL-LOD-LHP-BR-RO-TKM-CF

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

NITE STAR - Floodlight - Low Voltage Driver - LED High-Power - Round

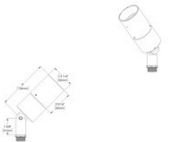
13



Stainless Steel - Round - Threaded Knuckle Mount - Cap A
NS-FL-LOD-LHP-SS-RO-TKM-CA

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

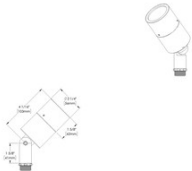
14



Stainless Steel - Round - Threaded Knuckle Mount - Cap B
NS-FL-LOD-LHP-SS-RO-TKM-CB

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

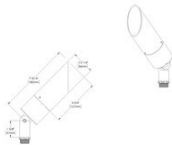
15



Stainless Steel - Round - Threaded Knuckle Mount - Cap C
NS-FL-LOD-LHP-SS-RO-TKM-CC

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

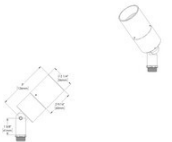
16



Stainless Steel - Round - Threaded Knuckle Mount - Cap D
NS-FL-LOD-LHP-SS-RO-TKM-CD

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

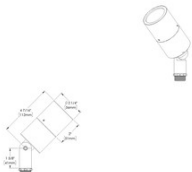
17



Stainless Steel - Round - Threaded Knuckle Mount - Cap E
NS-FL-LOD-LHP-SS-RO-TKM-CE

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)

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Stainless Steel - Round - Threaded Knuckle Mount - Cap F
NS-FL-LOD-LHP-SS-RO-TKM-CF

- [SPEC SHEET](#)
- [INSTALLATION INSTRUCTIONS](#)
- [CONFIGURE THIS PRODUCT](#)