

# NITE STAR - Wall Mount - Line Voltage Via Transformer - LED High-Power - Style F - Single - Power Canopy PC1



IP66

### Downloads

[Product Images \(.zip\)](#)

[Technical Drawing \(.zip\)](#)

[IES Files \(.zip\)](#)

[Installation Instructions \(.pdf\)](#)

### Product Variant Examples



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## Available Logic & Configurations

**NS-** 01 **WM-** 02 **LIT-** 03 **LHP-** 04 **AL-** 05 **RO-** 06A **PC1-** 06B **-** 06C **SF-F10-** 06D **-** 06F

**01 SERIES**

**NS** - NITE STAR

**02 CATEGORY**

**WM** - Wall Mount

**03 DRIVER**

**LIT** - Line Voltage Via Transformer

**04 LIGHT SOURCE (TYPE)**

**LHP** - LED High-Power

**05 MATERIAL**

**AL** - Aluminum

**06A SHAPE**

**RO** - Round

**06B MOUNT**

**PC1** - Power Canopy PC1

**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

**06D VERSION**

**SF-F10** - Style F - Single

**06F SIZE**

**ST18** - Stem length: 18"

**ST24** - Stem length: 24"

**ST30** - Stem length: 30"

**ST36** - Stem length: 36"

**-** 07 **-** 08 **NON-** 09 **-** 10A **-** 10B **WL00-** 11 **-** 12

**07 LIGHT SOURCE**

**e64** - 2700K CRI80 - 7W (343 - 456 lm)

**e65** - 3000K CRI80 - 7W (406 - 466 lm)

**e66** - 4000K CRI80 - 7W (456 - 524 lm)

**e74** - Amber - 7W (260 - 299 lm)

**e79** - 2700K CRI90 - 7W

**e80** - 3000K CRI90 - 7W

**e81** - 3500K CRI80 - 7W

**08 OPTIC**

**NSP** - Narrow Spot (13°)

**SP** - Spot (16°)

**SP2** - Spot (23°)

**MFL** - Medium Flood (31°)

**09 CONTROL**

**NON** - Non-dimming

**10A LENS**

**12** - Soft Focus

**13** - Rectilinear

**10B SHIELDING**

**00** - Not included (Standard)

**11** - Honeycomb Baffle

**11 WIRING LENGTH**

**WL00** - Standard

**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

**RAL**

Other - Custom Color

**CUS**

**NOTE:** Not all configurations may be compatible with one another. Please configure the product for specific 2D, Photometry, Downloads, Spec Sheet and Compatible mountings and power supplies.

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## Features



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



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

## Technical

**Driver:** Line Voltage Via Transformer

**Light Source (Type):** LED High-Power

**Material:** Aluminum

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

**CRI:** 80, 90

**Input Power (W):** 7

**Delivered Lumens (lm):** 260 - 524

**Beam Angle (°):** 13, 16, 23, 31, 56h x 21v

**Control:** Non-dimming

**Shape:** Round

**Mount:** Power Canopy PC1

**Style:** Cap A - 45° (With Weephole), Cap B - 90° (With Weephole), Cap C - Flush Lens, Cap D - 45°, Cap E - 90°, Cap F - Extended Flush Lens

**Version:** Style F - Single

**Size:** Stem length: 18", Stem length: 24", Stem length: 30", Stem length: 36"

**Lens:** Soft Focus, Rectilinear

**Shielding:** Not included (Standard), Honeycomb Baffle

**Wiring Length:** Standard

**Finish:** Standard Finishes, Premium Finishes, Other - RAL, Other - Custom Color

**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:** 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:** Transformer included., 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:** 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.

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## Finishes

### STANDARD FINISHES



### PREMIUM FINISHES



### OTHER - RAL



### OTHER - CUSTOM COLOR



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## Light Source

| Light Source | Optic                                 | Beam Angle | CCT (K) | CRI | R9  | Input Power (W) | Delivered Lumens (Lm) | CBCP |
|--------------|---------------------------------------|------------|---------|-----|-----|-----------------|-----------------------|------|
| e64          | NSP - Narrow Spot                     | 13         | 2700    | 80  | >15 | 7               | 456                   | 5993 |
| e64          | SP - Spot                             | 16         | 2700    | 80  | >15 | 7               | 445                   | 4546 |
| e64          | SP2 - Spot                            | 23         | 2700    | 80  | >15 | 7               | 397                   | 1726 |
| e64          | MFL - Medium Flood                    | 31         | 2700    | 80  | >15 | 7               | 399                   | 1131 |
| e64          | MFL - Medium Flood - Rectilinear Lens | 56h x 21v  | 2700    | 80  | >15 | 7               | 343                   | 826  |
| e65          | NSP - Narrow Spot                     | 13         | 3000    | 80  | >15 | 7               | 466                   | 6131 |
| e65          | SP - Spot                             | 16         | 3000    | 80  | >15 | 7               | 455                   | 4650 |
| e65          | SP2 - Spot                            | 23         | 3000    | 80  | >15 | 7               | 406                   | 1766 |
| e65          | MFL - Medium Flood                    | 31         | 3000    | 80  | >15 | 7               | 409                   | 1157 |
| e66          | NSP - Narrow Spot                     | 13         | 4000    | 80  | >15 | 7               | 524                   | 6889 |
| e66          | SP - Spot                             | 16         | 4000    | 80  | >15 | 7               | 511                   | 5225 |
| e66          | SP2 - Spot                            | 23         | 4000    | 80  | >15 | 7               | 456                   | 1984 |
| e66          | MFL - Medium Flood                    | 31         | 4000    | 80  | >15 | 7               | 459                   | 1300 |
| e74          | NSP - Narrow Spot                     | 13         | Amber   |     |     | 7               | 299                   | 3927 |
| e74          | SP - Spot                             | 16         | Amber   |     |     | 7               | 291                   | 2978 |
| e74          | SP2 - Spot                            | 23         | Amber   |     |     | 7               | 260                   | 1131 |
| e74          | MFL - Medium Flood                    | 31         | Amber   |     |     | 7               | 262                   | 741  |
| e79          | NSP - Narrow Spot                     | 13         | 2700    | 90  | >50 | 7               |                       |      |
| e79          | SP - Spot                             | 16         | 2700    | 90  | >50 | 7               |                       |      |
| e79          | SP2 - Spot                            | 23         | 2700    | 90  | >50 | 7               |                       |      |
| e79          | MFL - Medium Flood                    | 31         | 2700    | 90  | >50 | 7               |                       |      |
| e80          | NSP - Narrow Spot                     | 13         | 3000    | 90  | >50 | 7               |                       |      |
| e80          | SP - Spot                             | 16         | 3000    | 90  | >50 | 7               |                       |      |
| e80          | SP2 - Spot                            | 23         | 3000    | 90  | >50 | 7               |                       |      |
| e80          | MFL - Medium Flood                    | 31         | 3000    | 90  | >50 | 7               |                       |      |
| e81          | NSP - Narrow Spot                     | 13         | 3500    | 80  | >15 | 7               |                       |      |
| e81          | SP - Spot                             | 16         | 3500    | 80  | >15 | 7               |                       |      |
| e81          | SP2 - Spot                            | 23         | 3500    | 80  | >15 | 7               |                       |      |
| e81          | MFL - Medium Flood                    | 31         | 3500    | 80  | >15 | 7               |                       |      |