

Catalog Number	
Project/Location	Type
Approved By	

New Star Oval Series

ARCHITECTURAL VANDAL RESISTANT FIXTURE
SURFACE MOUNT MINI-FLUORESCENT OR HID



4000 south bell avenue chicago, illinois 60609
tel. 773.254.7827 fax. 773.254.6811
www.newstarlighting.com info@newstarlighting.com

"THE CUSTOM LIGHTING COMPANY"
a division of **555** international inc.

SPECIFICATIONS

HOUSING - Die cast, one piece marine grade aluminum available in three depths. Mid-depth and Deep housings have threaded and plugged conduit entry points on 4 locations.

REFLECTOR - .040" thick white aluminum for high reflectivity.

BALLAST - Electronic (EB) cold weather 0° is Standard for CFL. NPF is Standard for HID. NPF not required with TT 13 W

DIFFUSER - One piece, 0.125" minimum thickness injection molded lens with radial prisms, to provide superior illumination. Lenses are molded from UV-stabilized Polycarbonate, in a clear ribbed, frost ribbed or white finish.

FASTENERS - (4) Torx T-15 center pin reject tamper proof stainless steel to secure lens to backplate.

FINISH - Extremely durable oven baked Polyester Powdercoat - Finishes include Black, Bronze, or White.

GASKETING - One Piece Die Cut 3/16" Thick Black EPDM foam rubber with adhesive backing to affix to housing. Extruded and pliced EPDM ribbed rubber gasket for lens.

LAMP - Compact Fluorescent Lamps, High Pressure sodium and Metal Halide(deep casting only).

UL/ULC - UL/ULC Listed to U.S. and Canadian safety standards - Suitable for wet locations (requires 4-point mounting)

LIFETIME WARRANTY

New Star Architectural VR Series are designed and built to withstand physical punishment. New Star will repair or replace any fixture rendered inoperable due to physical abuse for the product's life when installed according to our instructions. New Star Lighting cannot honor this warranty against some forms of anti-social behavior involving fire, paint, corrosive chemical, or gunfire. Discoloring of lenses from heat/ultraviolet radiation are excluded from this warranty.



Style A:
Cross



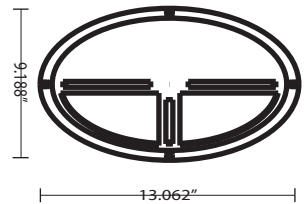
Style B:
No Cage



Style C:
Horizontal Eyelid



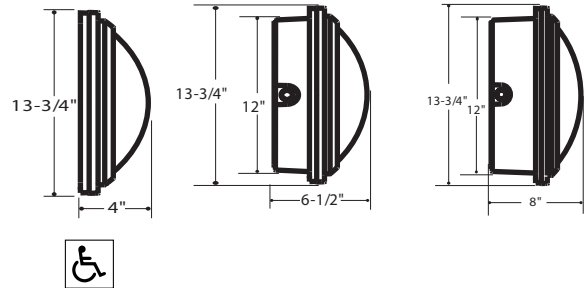
Style D:
Vertical Eyelid



Lamp Quantity & Wattage listed below

	NSO-S	NSO-M	NSO-D
Dimensions	13-3/4" x 10" x 4" (ADA)	13-3/4" x 10" x 6 1/2"	13-3/4" x 10" x 8"
CFL Twin Tube	(2)13W (no EB)	consult factory	consult factory
CFL Double Twin Tube	(1 or 2) 13W; (1)26W	(1 or 2) 13W; (1)26W	(1 or 2) 26W
CFL Triple/Quad Twin Tube	(1) 26/32W	(1 or 2) 26/32; (1)42W	(1 or 2) 26/32/42W
Low Pressure Sodium	n/a	18W	18W
High Pressure Sodium	n/a	n/a	50/70W
Metal Halide	n/a	n/a	50/70W
LED	(1 or 2)4/5w	(1 or 2)4/5w	(1 or 2)4/5w

* means Backbox Required



Catalog Number Ordering Guide

Example: NSO-M B TTT (1)42 120 EB BK

SERIES
 NSO-S = New Star Oval Shallow Casting Series (4" ada_ - Not for Use with Surface Conduit Entry)
 NSO-M = New Star Oval Mid-Depth Casting Series (6 1/2")
 NSO-D = New Star Oval Deep Casting Series (8")

LAMP TYPE
 TT = Twin Tube Compact-Fluorescent (no EB)
 DTT = Double Twin Tube Compact-Fluorescent
 TTT = Triple Twin Tube Compact-Fluorescent
 HPS = High Pressure Sodium [D only]
 LPS = Low Pressure Sodium [M & D only]
 MH = Metal halide [D only]
 LED = 4/5W LED

LAMP QUANTITY/WATTAGE
 Refer to Chart Above

VOLTAGE
 120 = 120Volts
 277 = 277 Volts
 347 = 347 Volts

POWER FACTOR
 EB = Electronic Ballast
 EBHT = Extreme Temperature (-30° to +90° C)
 Electronic Ballast Programmable Start
 NPF = Normal Power Factor for TT 13W & HID
 = High Power Factor= Quartz Restrike
 HPF
 QSR

OPTIONS
 9002 = Torx Tamperproof Screwdriver
 9206 = Photocell-120V
 9221 = Photocell 277V
 EL = Emergency Battery (350-700 Lumens) for CFL; NSO-S must be Remote (R)
 EL-CW = Cold Weather Emergency Battery (300-1300 Lumens) for CFL; NSO-S must be Remote (R)
 FUS = Single Fusing
 DFUS = Double Fusing
 PS = Pulse Start (standard on MH 50W thru 150W)
 RC = Ribbed Clear Prismatic Polycarbonate Diffuser
 RELH1 = High Lumen (1100-1400) Emergency Battery for CFL -- DTT / TTT only
 RF = Ribbed / Frosted Opal Lens
 SR = Semi recessed (M & D size cast only)
 BK = Black Finish
 BL = Bronze Finish
 PNA = Painted / Natural Aluminum
 WH = White Finish