LUMINIS®

NT802/NT804/NT812 SERIES
NAUTILUX - LED
Surface mount

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION
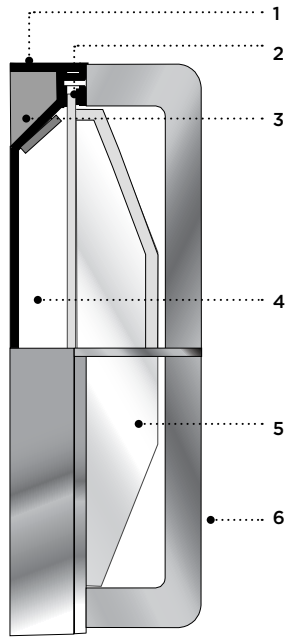
ADA Compliant luminaire

1- Cast aluminum enclosed housing.
2- Silicone gasket with memory retention.
3- Cast aluminum heat dissipating fins.
4- White enamel reflective surface.
5- Borosilicate frosted glass diffuser with internal corrugated structural pattern.
6- Cast aluminum front cross blades.

All stainless steel hardware.
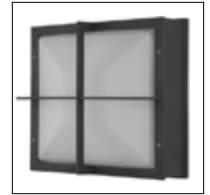
NT802
Cast aluminum single cross blades
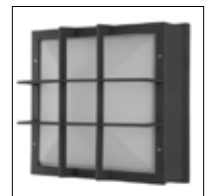
NT804
Cast aluminum double cross blades

NT812
Frosted glass diffuser

NT802

NT804

NT812

MATERIALS
Nautilux is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
The borosilicate thermal shock frosted glass is designed to be used as a full diffuser or coupled with a selection of multiple cast aluminum blades.
LED light engine is positioned to increase down lighting while maintaining a general diffused uniform light over the glass diffuser. LED module is easily removable and secured with a heat dissipating plate for optimal light performance.

ELECTRICAL
LED
DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), optional 347V on request, minimum operating temperature of -30ºC/-22ºF, output over voltage protection, output over current protection, output short circuit protection with auto-recovery, and over temperature protection (110ºC).

LED Standard 4000K LED platform included. Optional 3000K and 3500K. Removable modular LED platform.

LIFE
51,000hrs $L_{77}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
68,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

FINISH
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

MOUNTING
Maximum weight: 18lbs (8.2kg)
Mounts on a standard 4" (102) octagonal electrical box with 3 1/2" (89) C/C mounting holes.

CERTIFICATION
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Photometry tested per IES LM-79-08 / IES LM80 test report.
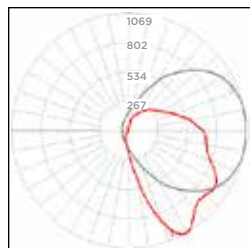CE certification on request.
Rated IP65.

NT812

3" (76)

4" (101)

12" (305)

NT802
NT804

TYPICAL PHOTOMETRY SUMMARY

Descriptive Information
NT802-L1W30r1
Total Lms: XXXX Lumens
Total Input Watts: X W
Source: LED
Efficacy: XXX Lumens/Watt
BUG: BX-UX-GX
CCT/CRI: 4000K/80
Maximum Candela: XXX

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION					VOLTAGE [1]	FINISH
							STANDARD COLORS
	SUFFIX	**INPUT WATTS**	**DELIVERED LUMENS**	**CRI**	**CCT K**		
☐ NT802	☐ L1W12	12W	588			☐ 120V	☐ WHT Snow white
	☐ L1W18	18W	880	80	4000K	☐ 277V	☐ BKT Jet black
	☐ L1W30	30W	1380				☐ BZT Bronze
							☐ MST Matte silver
							☐ GRT Titanium gray
☐ NT804							☐ DGT Gun metal
							☐ CHT Champagne
							OPTIONAL COLORS
							☐ CS Custom color
☐ NT812							☐ RAL RAL# color
							(Refer to color chart)

OPTIONS

ELECTRICAL

☐ **FS**   Fuse[2]
☐ **PH**   Photocell [2]
☐ **347L**   347V input power driver

Alternate CCT K LED
☐ **K3**   3000K CCT LED
☐ **K35**   3500K CCT LED

ACCESSORIES

☐ **PC6**   Polycarbonate lens

NOTES
1- Luminaires are factory prewired for 120V (if no voltage is specified.) For other voltages, please specify with catalog number, or consult factory.
2- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires. (Except for other types of mounting.)

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