



New Age Series | NASL-2062 2x4

Date	Notes
Project	
Type Qty	

Features

DLC V5.1 Standard Listed up to 132 LPW.

"Zero Plenum" design to fit within grid T-Bars.

Installs in a variety of suspended grid ceilings, including Slot Grid and Tegular.

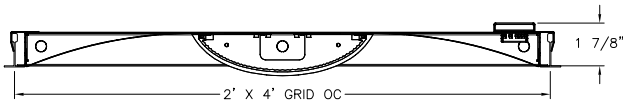
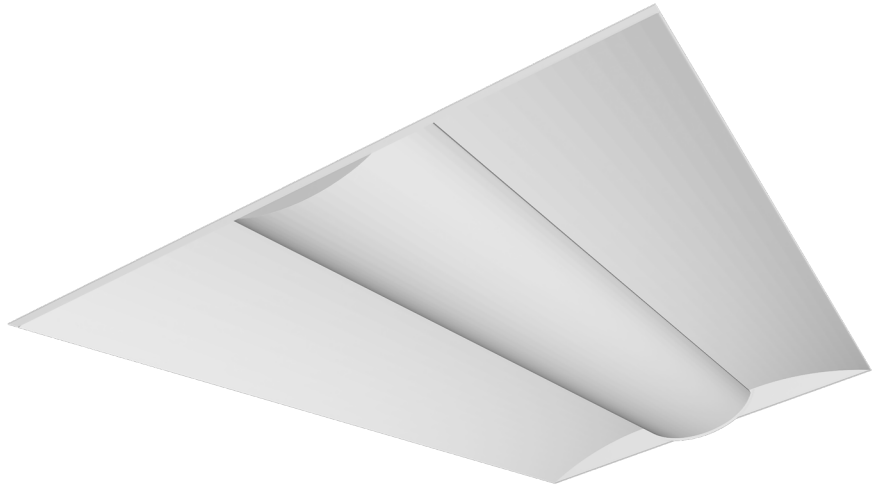
High efficiency driver for custom lumen packages.

0-10V dimming to 1% standard or Dim-to-Off.

Options for 90CRI, Tunable White, RGB, RGBW, and RGBWW.

Bios SkyBlue™ circadian solutions available.

Declare Red List Approved.



Ordering Guide



MODEL	OPTICS	CCT	LUMENS	SIZE	MOUNTING ⁵	FINISH	OPTIONS
NASL-2062-D	WOA			24			
NASL-2062-D Direct	WOA = White Opal Acrylic	STATIC WHITE¹ 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K BIOS SkyBlue² Spectrally optimized circadian solutions. TUNABLE WHITE³ (2700K-6500K) 2DIM10 = for 0-10V 2DMX = for DMX 2ESN = for Philips 2CAS = for Casambi DIM-TO-WARM (2700K-6500K) DTW = Dim-to-Warm RGB & WHITE³ RGB = RGB RGBW = RGBW RGBWW = RGBWW	STANDARD LO = 5000 (42W, 120LPW) SO = 6700 (56W, 120LPW) HO = 8300 (70W, 118LPW) CUSTOM For custom lumens please specify any value < HO. DLC LUMENS⁴ V5.1 Standard 3500K S3D = 6858 (53W, 129 LPW) @4000K S4D = 6978 (53W, 132 LPW)	24 = 2x4	G = Grid 15/16" T-Bar MG = Mini Grid 9/16" T-Bar SG = Slot Grid SGF = Slot Grid Flush XG = Interlude XGF = Interlude Flush TGF = Tegular Flush 15/16" T-Bar XGF = Tegular Flush 9/16" T-Bar S = Surface F = Flange See all mounting options page 4.	W = White CC = Custom Color AMW = Anti-Microbial White	DIMMING DRIVERS DIM10 = 0-10V (1%) - Standard D2O = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming 347 = 0-10V (347V) DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX LUTRON™ DIMMING DRIVERS LDE1 = Hi-Lume™ 1% EcoSystem™ L3DA3W = Hi-Lume™ 1% 3-Wire SENSORS & CONTROLS ESN = EasySense Sensor AWNS = Lutron Athena Sensor AWNR = Lutron Athena Node CAS = Casambi Wireless Control <i>See all sensor options page 5.</i> EMERGENCY & OTHER EMC = Emergency Circuit EPC4 = 4W Emergency Battery Pack EPC7 = 6.5W Emergency Battery Pack EPC10 = 10W Emergency Battery Pack EPC12 = 12W Emergency Battery Pack FWH = Flexible Whip Harness

¹ CCT @ 80+CRI, 3SDCM. For 90CRI add prefix "9"; ex: 935 = 3500K, 90CRI.

² BIOS SkyBlue Biological Static & Dynamic page 3.

³ Tunable White, RGB & White and Advanced Color ordering codes page 2.

⁴ **DLC** options are limited to FL optics, static white 35/40K CCT @ 80CRI, SO lumens, all mounting, all finishes, and all options excluding DIMST.

⁵ See page 4 for all mounting options.

TUNABLE WHITE - Fixture Level Control



Day-O-Lite offers Tunable White in a range from 2700K-6500K CCT @ 80+CRI and 3SDCM color accuracy for a range of two-channel control options. Consult factory for 90CRI, electrical specifications and other details for each option below.

2ESN Option combines tunable white light with a fixture integrated occupancy and daylight harvesting sensor. CCT and intensity is controlled wirelessly with kinetic switches (by Illumra and others). Occupancy and daylight harvesting controlled automatically with parameters configurable with the Philips MasterConnect app available for Android and iPhone smart phones.

Applications:

- Spaces occupied overnight (~ 7pm to 7am)
- 24-hour spaces
- Shiftwork & Hospitals
- Senior Living, Alzheimer's Dementia & Assisted Living
- Higher Education, including student and staff
- Workplace, including areas occupied after 7pm

Ordering Codes:

2DIM10 = 0-10V
2DMX = DMX
2PSQ = Lutron Quantum
2CAS = Casambi Wireless
2ESN = Philips EasySense

RGB + WHITE - Fixture Level Control



Combine RGB for color effects with LO/SO/HO white CCT's for **general illumination** in a host of applications. All options require DMX control (by others). 80CRI w/3SDCM color accuracy is standard. Consult factory for 90CRI, electrical specifications and other details for each option below. May not be compatible with all fixture variations - consult factory for details when ordering.

Applications:

- Entertainment Spaces
- Hospitality & Banquet
- Theatre & Stage
- Seasonal Applications
- Branding
- Wayfinding

Ordering Codes:

RGB = RGB only
RGB27 = RGB w/2700K
RGB30 = RGB w/3000K
RGB35 = RGB W/3500K
RGB40 = RGB w/4000K
RGB50 = RGB w/5000K

ADVANCED COLOR - 125mm Pixel Level Control



Day-O-Lite's Advanced Color options combine RGB or RGBW with multi-pixel control for advanced **chases**, animated **visual effects** and other programmable scenes with **125 mm pixel** granularity. Choose from a vibrant color palette with RGB or RGBW LEDs for seamless color mixing and dimming - the perfect replacement for glass neon with improved reliability and durability.

Requires configuration with a remote proprietary digital drive power supply. Auto-addressing makes setup and commissioning quick and easy. DMX (by others) required for control. May not be compatible with all fixture variations - consult factory for details when ordering.

Applications:

- Architectural Installations
- Digital Signage
- Arcades, Clubs
- Theatre & Stage
- Film & TV sets
- Indoor/Outdoor (IP66)

Ordering Codes:

ACRGB = RGB only
AC27 = RGB w/2700K
AC30 = RGB w/3000K
AC40 = RGB w/4000K

BIOS SkyBlue

BIOS SkyBlue biological technology brings the benefits of blue skies inside. BIOS SkyBlue is the only spectrally optimized circadian solution to pinpoint the region that drives wellness benefits including: increased alertness, enhanced productivity, better mood, and better sleep. More information may be found at www.bioslighting.com or by contacting Day-O-Lite directly.

BIOS Biological Static - Daytime Solution

BIOS Biological Static solutions are designed for daytime applications. BIOS Static Biological LED features key BIOS SkyBlue™ (490nm) for maximum daytime circadian impact. BIOS Static Biological LED Light Engines are available in 3000K, 3500K, and 4000K. Lighting controls are easy; simply switch the lights on/off or the lights can be dimmed using a single-channel constant current (CC) LED driver with any standard dimming interface.

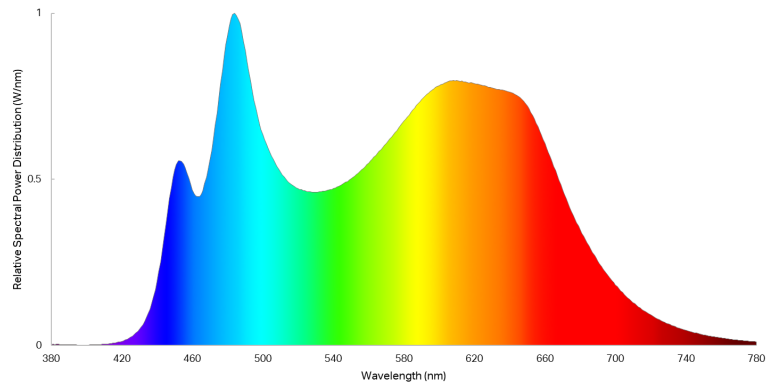
Applications:

- Spaces occupied during the daytime ~7am – 7pm
- K-12 Schools / Higher Education
- Offices
- Daytime Adult Care Facilities
- Medical Offices

BIOS Biological Static
Ordering Codes:

- B30** = 3000K
- B35** = 3500K
- B40** = 4000K

BIOS Biological Static 3500K



BIOS Biological Dynamic - Day & Night Solution A

BIOS Biological Dynamic solutions are designed to transition from daytime to evening in a dim-to-warm protocol. The daytime CCT includes full BIOS SkyBlue™ (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue™ altogether, providing a minimal circadian stimulus after hours. Available in 3000K-2700K, 3500K-3000K and 4000K-3500K. Simply dim the lights in the evening to remove the daytime SkyBlue wavelengths (490nm) and convert your lights from day mode to night mode via a single controller (0-10V, ELV, DMX, Wireless).

BIOS Biological Tunable White - Day & Night Solution B

BIOS Biological Tunable solutions are designed to transition from daytime to evening in a dim-to-warm protocol. The daytime CCT includes full BIOS SkyBlue™ (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue™ altogether, providing a minimal circadian stimulus after hours. Available in 3000K-2700K, 3500K-3000K and 4000K-3500K. Simply dim the lights in the evening to remove the daytime SkyBlue wavelengths (490nm) and convert your lights from day mode to night mode via a single controller (0-10V, ELV, DMX, Wireless).

BIOS Biological Tunable is also compatible with two-channel color tuning systems. Simply dim the lights in the evening to convert your lights from day mode to night mode via a multi-channel controller (0-10V, ELV, DMX, Wireless). 3000K, 3500K and 4000K CCTs all dim to 2700K.

Applications:

- Spaces occupied overnight (~ 7pm to 7am)
- 24-hour spaces
- Shiftwork & Hospitals
- Senior Living, Alzheimer's Dementia & Assisted Living
- Higher Education, including student and staff
- Workplace, including areas occupied after 7pm

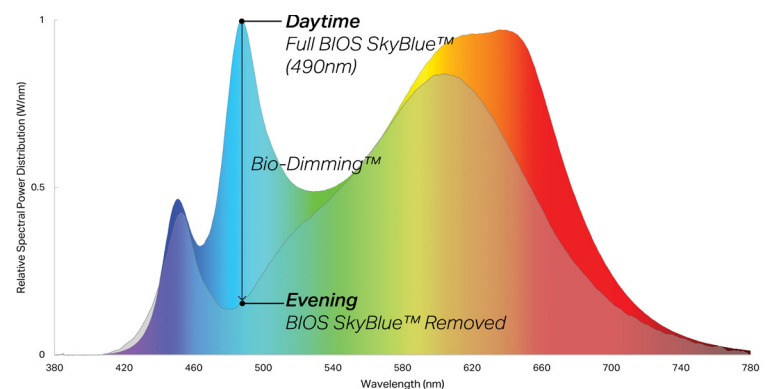
BIOS Biological
Dynamic White
Ordering Codes:

- B30D** = 3000K-2700K
- B35D** = 3500K-3000K
- B40D** = 4000K-3500K

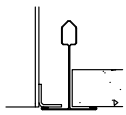
BIOS Biological
Tunable White
Ordering Codes:

- B30T** = 3000K-2700K
- B35T** = 3500K-2700K
- B40T** = 4000K-2700K

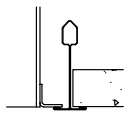
BIOS Biological Dynamic 3500K



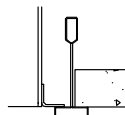
Grid Ceiling Mounting Options



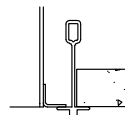
15/16" T-Bar
(G)



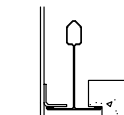
9/16" T-Bar
(MG)



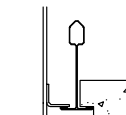
Slot Grid
(SG)



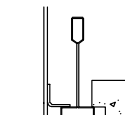
Interlude
(XG)



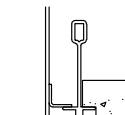
15/16" Tegular
Flush
(TGF)



9/16" Tegular
Flush
(MTGF)



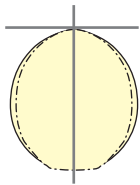
Slot Grid Flush
(SGF)



Interlude Flush
(XGF)

Additional Mounting Options

Photometry



NASL-2062-D-WOA-40-LO-24
CCT: 4000K
WATTS: 42
LUMENS: 5000
LPW: 120

NASL-2062-D-WOA-40-SO-24
CCT: 4000K
WATTS: 56
LUMENS: 6700
LPW: 120

NASL-2062-D-WOA-40-SO-24
CCT: 4000K
WATTS: 56
LUMENS: 6700
LPW: 120

NASL-2062-D-WOA-S3D-LO-24
DLC V5.1 Standard
CCT: 3500K
WATTS: 53
LUMENS: 6858
LPW: 129

NASL-2062-D-WOA-S4D-LO-24
DLC V5.1 Standard
CCT: 4000K
WATTS: 53
LUMENS: 6978
LPW: 132

Specifications

CONSTRUCTION: 20 gauge CRS housing and internal components.

REFLECTOR: 20 gauge CRS finished in highly reflective baked white enamel with pre-finished reflective LED tray.

OPTICS: LED optimized white opal acrylic (WOA) snap-in lens.

LED: Static white LED modules in 30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum L_{70} = 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue, RGB, RGBW, RGBWW. Tunable White and Dim-to-Warm options available.

DRIVER: Standard driver is Class 2 AOC 0-10V to 1%, Dim-to-Off available. 120/277V input, PF > 90%, THD < 20 @ 120V. Additional dimming protocols available. All drivers prewired from factory for connection to control system (by others). Field replaceable.

MOUNTING: Standard installation is in an exposed inverted T-bar ceiling. Fixtures are supplied with four support brackets for additional support to T-bar. May also be installed in a plaster ceiling (F/TRL mounting option with Flange); field replaceable.

FINISH: Housing and components finished in baked white enamel.

CERTIFICATION: cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America. I.B.E.W. RoHS and BAA compliant. DLC V5.1 Standard Listed. Declare Red List Approved.

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WEIGHT: Nominal fixture weight XX lbs.