



New Age Series | NASL-2062 2x2

Date

Notes

Project

Type Qty

Features

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

LED optimized optics for smooth, efficient illumination.

Programmable driver for custom lumen packages.

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

DMX, Lutron and DALI protocols also available.

Sensor Ready for wireless Smart Lighting Solutions.

80/90CRI, Tunable White, RGBW & RGBWW.

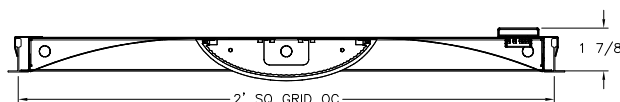
Bios SkyBlue™ circadian solutions available.

DLC V5.1 Standard Listed up to 128 LPW.

Declare Red List Approved.

Chicago Plenum Approved.

UGR 19.8 CW, 22.9 EW.



Ordering Guide



MODEL	OPTICS	CCT ¹	LUMENS ²	SIZE	MOUNTING ⁴	FINISH	OPTIONS
NASL-2062-D	WOA			22			
NASL-2062-D Direct	WOA = White Opal Acrylic	STATIC WHITE 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K BIOS SkyBlue Spectrally optimized circadian solutions. TUNABLE WHITE (2700K-6500K) 2DIM10 = for 0-10V 2DMX = for DMX 2ESN = for Philips 2CAS = for Casambi 2LUT = for Lutron DIM-TO-WARM DTW = Dim-to-Warm RGB & WHITE RGB = RGB RGBW = RGBW RGBWW = RGBWW (2700K-6500K)	STANDARD LO = 2593 (20W, 130LPW) SO = 3452 (27W, 128LPW) HO = 4298 (35W, 123LPW) CUSTOM Specify value < HO. DLC LUMENS³ V5.1 Standard @3500K S3D = 3274 (26W, 126LPW) @4000K S4D = 3392 (26W, 128LPW)	22 = 2x2	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	W = White CC = Custom Color AMW = Anti-Microbial White	DIMMING DRIVERS DIM10 = 0-10V (1%) Standard DIO = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX LUTRON™ DIMMING DRIVERS LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire SENSORS & CONTROLS⁵ AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control EMERGENCY & OTHER⁶ EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery Pack EPC6 = 6.5W Emergency Battery Pack EPC10 = 10W Emergency Battery Pack EPC12 = 12W Emergency Battery Pack WIRING & OTHER FWH = Flexible Wiring Harness FK22 = Flange Kit CHICAGO PLENUM⁷ CP = Chicago Plenum housing

¹All LED, BIOS, Tunable White, DTW, and RGB/W options and Ordering Codes page 2.

²Lumens at 80CRI, 3500K, WOA lens. Photometry page 3.

³DLC options are limited to WOA optics, static white, 35/40K CCT @ 80CRI, SO lumens, all mounting, all finishes, all options excluding DIMST.

⁴See page 3 for all mounting options.

⁵All Sensor & Control options page 2. Sensors remote mount only.

⁶EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

⁷Order must specify option **CP** (Chicago Plenum) for approved housing.

BAA letter of compliance available at www.dayolite.com.

LED, BIOS, Sensor & Control Ordering Codes**LED****Static White**

30 = 3000K 80 CRI
 35 = 3500K 80 CRI
 40 = 4000K 80 CRI
 50 = 5000K 80 CRI

927 = 2700K 90 CRI
 930 = 3000K 90 CRI
 935 = 3500K 90 CRI
 940 = 4000K 90 CRI

Tunable¹ 2-Channel

2700K-6500K 80 CRI
 Fixed CCT Range

2DIM10 = 0-10V
 2DMX = DMX 80
 2CAS = Casambi Wireless
 2ESN = Philips EasySense
 2LUT = Lutron (LD2)

92DIM10 = 0-10V 90 CRI
 92DMX = DMX 90 CRI
 92CAS = Casambi Wireless 90 CRI
 92ESN = Philips EasySense 90 CRI
 92LUT = Lutron (LD2) 90 CRI

Tunable¹ 3-Channel

1800K-6500K 92 CRI
 Selectable range CCT (factory set)

3DIM10 = 0-10V Dimming

Dim-to-Warm²

DTW = 6500K-2700K 80 CRI
 9DTW = 6500K-2700K 90 CRI

3DTW = 6500K-1800K 92 CRI
 Selectable range CCT (factory set).
 To specify write in the desired range; eg. 65/18 = 6500K-1800K, or 57/22 = 5700K-2200K.

RGB/W³

RGB = RGB only
 RGB27 = RGB w/2700K
 RGB30 = RGB w/3000K
 RGB35 = RGB w/3500K
 RGB40 = RGB w/4000K
 RGB50 = RGB w/5000K
 RGBWW = RGB w/2700K-6500K

Single Color

RED = Red
 BLU = Blue
 GRN = Green
 AMB = Amber

BIOS SkyBlue

BIOS SkyBlue biological technology brings the benefits of blue skies inside. BIOS SkyBlue is the only spectrally optimized circadian solution to target 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. All options for 0-10V control.

BIOS Biological Static

For daytime applications. BIOS Static Biological LED features key BIOS SkyBlue (490nm) for maximum daytime circadian impact.

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

BIOS Biological Dynamic White

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 for minimal circadian stimulus after hours.

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

BIOS Biological Tunable White

Designed to transition from daytime to evening in a tunable white protocol. The daytime CCT includes full BIOS SkyBlue (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue for minimal circadian stimulus after hours.

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

Sensors & Controls**Sensors & Nodes***

AVO = Avi-On Occ/Day
 AVM = Avi-On Occ (Microwave)
 AVN = Avi-On Node
 BNV = BubblyNet Occ/Day
 Legrand Occ/Day
 AWN = Lutron Athena Occ/Day
 = Lutron Vive Occ/Day
 NLT = Acuity nLight Occ/Day
 NXC = Current NX Occ/Day
 ESN = Philips EasySense Occ/Day
 WV = Cooper WaveLinx Occ/Day

*Sensors for remote mount only.

Sensors and control options to be commissioned wirelessly in the field by qualified controls personnel with applicable apps (by others).

Wireless Control

CAS = Casambi

Other Options

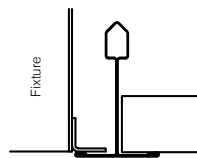
Other sensor and wireless control options are available. Contact factory for details.

¹Tunable white may be controlled by a number of dimming protocols as shown. 2-Channel has a fixed range of 2700K-6500K. 3-Channel has a maximum range of 1800K-6500K, but other sub-ranges may be specified. 3-Channel Tunable White has a third diode to more closely approximate the black body curve in the mid CCT ranges. Contact Day-O-Lite for details.

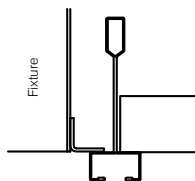
²Dim-to-Warm mimics incandescent dimming by warming the CCT from 6500K-2700K (2DTW) or 6500K-1800K (3DTW) as light levels are dimmed.

³All RGB, RGBW, RGBWW and ADV options for **DMX** control (by others). 80 CRI standard. All fixtures with **DMX** drivers include **DMX** cabling prewired to the driver/s, terminated with an RJ45 mail adapter ease of installation.

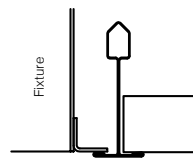
Grid Ceiling Mounting Options



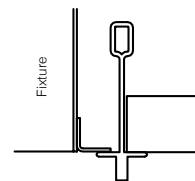
G
15/16" T-Bar



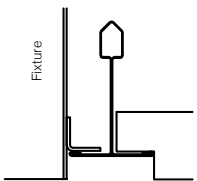
SG
Slot Grid



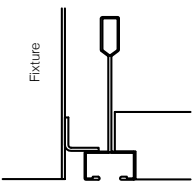
MG
9/16" T-Bar



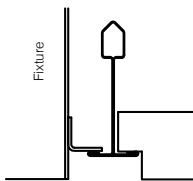
XG
Interlude



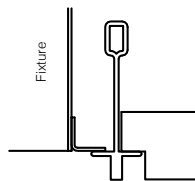
TGF
15/16" Tegular
Flush



MTGF
9/16" Tegular
Flush



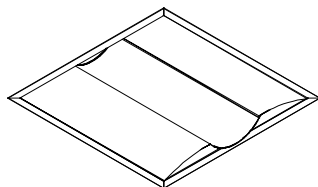
SGF
Slot Grid
Flush



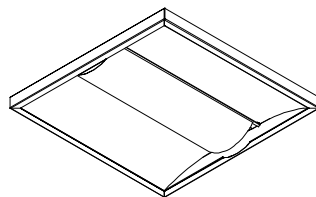
XGF
Interlude
Flush

Additional Mounting Options

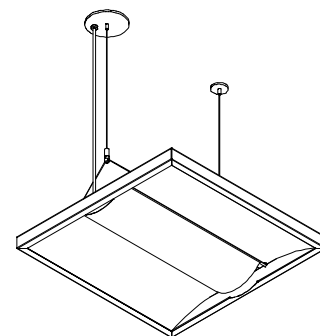
In addition to recessed mounting in grid ceilings Harmony may also be installed in plaster and sheetrock ceilings, surface mounted to ceilings, or suspended. Surface and suspended options are supplied with a finished exterior housing.



F
Flanged Housing
(plaster ceilings)



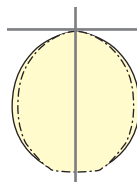
S
Surface Ceiling mount
w/finished housing



ACY
Suspended Aircraft
Cable (1/16" dia., 48"L)

FK-22 Flange Kit available for grid to plaster ceiling conversion

Photometry



NASL-2062-D-WOA-40-**LO**-22
CCT: 4000K
WATTS: 20
LUMENS: 2593
LPW: 130

NASL-2062-D-WOA-40-**SO**-22
CCT: 4000K
WATTS: 27
LUMENS: 3452
LPW: 128

NASL-2062-D-WOA-40-**HO**-22
CCT: 4000K
WATTS: 35
LUMENS: 4298
LPW: 123

NASL-2062-D-WOA-**S3D**-SO-22
DLC V5.1 Standard
CCT: 3500K
WATTS: 27
LUMENS: 3274
LPW: 126

NASL-2062-D-WOA-40-**S4D**-22
DLC V5.1 Standard
CCT: 4000K
WATTS: 27
LUMENS: 3392
LPW: 128

4000K @ 80CRI, WOA lens. DLC @ 3500K & 4000K.

UGR = 19.8 CW, 22.9 EW (4H x 8H, 70/50/20% Standard ISO 8995-1:2002(E)/CIE S 008/E:2001 "Lighting of Workplaces – Part 1: Indoor).

Use the following multipliers for other CCTs: 2700K x 0.94, 3000K x 0.96, 3500K x 0.98, 5000K x 1.02. IES files @ www.dayolite.com

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 27/30/35/40 & 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: 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 plaster ceilings with flange (F), surface (S) mounted, or may be retrofitted with optional flange kit.

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 locations. Union Made in the United States of America, I.B.E.W, BAA compliant, Declare Red List Approved, Chicago Plenum Approved.

LEGAL: Day-O-Lite, a division of SCW Corporation. All rights reserved. The Day-O-Lite logo is a registered trademark of SCW Corporation. Actual product performance may differ due to end user environment, application and installation. Luminaires have been tested at 25° C ambient temperature. Consult Day-O-Lite for high-ambient conditions. Day-O-Lite reserves the right to change specifications without notice for product improvement.

RS Rapid Ship Program

Rapid Ship products are estimated to ship 10 business days or less from the morning the order is received and confirmed. Linear rows will ship 10 business days or less from the day the layout drawings are approved. Orders confirmed and layouts approved after 12:00 p.m. Eastern Time are estimated to ship 10 days or less from the following business morning. Please refer to complete program Terms & Conditions at www.dayolite.com.

Rapid Ship options are limited to those highlighted in **blue** on the Ordering Guide. 400' max individual or continuous row allowed. Consult factory for additional information.