

DYNAMIC LIGHT ENGINE**

MOD MODIFIED LUMINAIRE (CONTACT LOCAL REP)

LUMENS AND WATTAGE CHART

SAMPLE CODE: GL1-C1NA-36-MW-NFA-LED1/35K-UNV-DM1

30K

35K

40K

*GL1 has no finish available (NFA). GL2 & GL3, choose from powder coat or premium metal finishes.

930K

935K

940K

**Contact factory for BIOS SkyBlue® or BIOS SkyBlue® Dynamic light engine and control options.

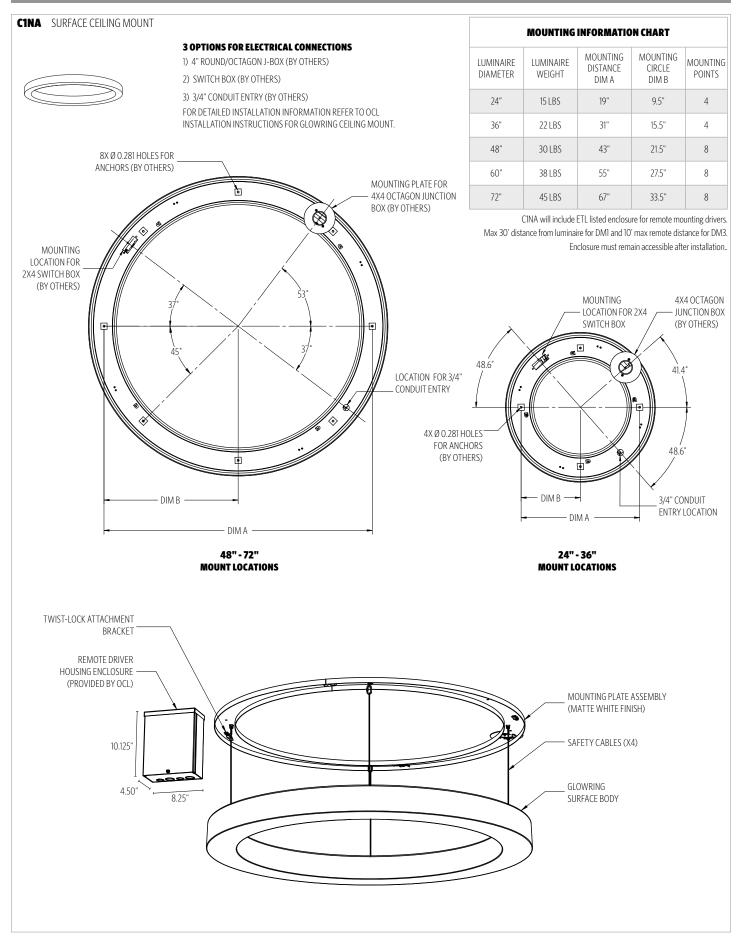
24" 36" 48' 60" 72" LUMENS DELIVERED 3675 5775 7875 9975 12075 LED1 UP TO 105 LM/W SYSTEM WATTAGE 35 55 75 95 115 LUMENS DELIVERED 5115 7905 10695 13485 16275 LED2 SYSTEM WATTAGE 55 85 115 145 175

MODS, NOTES, & COMMENTS

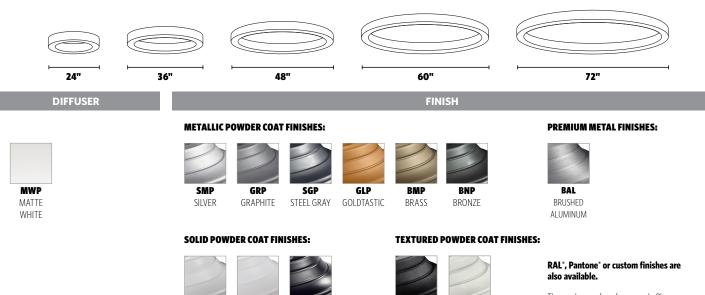
This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Lumens delivered shown for GL1 only. GL2 and GL3 will have approx 30% reduction.

Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

 $\Box O \Box$



SIZE AND SECTIONS



These colors are for reference only. Please be aware that colors may vary per monitor. Contact your local rep for finish samples or with any questions.

L70 AT >60,000 HRS

L70 AT 182,000 HRS

L90 AT 53,000 HRS

L90 AT 53,000 HRS

LUMEN MAINTENANCE

REPORTED:

REPORTED:

CALCULATED:

CALCULATED:

additional details

LIGHT SOURCE

BTP

BLACK

TEXTURED

WTP

WHITE

TEXTURED

CRI (RA)

90+

90+

90+

90+

80+

80+

80+

80+

BKP

BLACK

		LUMENS AND WATTAGE CHART					STANDARD COLOR
		24	36	48	60	72	TEMPERATURE OPTIONS
LED1	LUMENS DELIVERED	3675	5775	7875	9975	12075	2700K
	SYSTEM WATTAGE	35	55	75	95	115	3000K
LED2	LUMENS DELIVERED	5115	7905	10695	13485	16275	3500K
	SYSTEM WATTAGE	55	85	115	145	175	4000K

SWP

SKY WHITE

MWP

MATTE

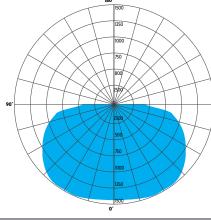
WHITE

This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Lumens delivered shown for GL1 only. GL2 and GL3 will have approx 30% reduction.

Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

PHOTOMETRY:

LUMINAIRE:	GL1-XXXX-48-MW-PTD-LED2/35K-UNV-XS
COLOR TEMP #:	3500K
OUTPUT:	10695
EFFICACY:	105 LM/W
TEST REPORT:	TEST NO. 19440.0



ZONE	LUMENS	% OF LUMINAIRE
0-30	1220	11%
0-60	4370	41%
0-90	7258	68%

Derived from EPA TM-21 calculator. Based

on typical conditions. Consult the factory for

Polar graph and zonal lumens shown for GL1 (GL2 & GL3 pending)

DM1 0-10V DIMMING 1%

- 0-10V DIMMING
- 1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%
- MINIMUM AMBIENT OPERATING TEMPERATURE -22°F
- FIELD REPLACEABLE

CONTROL

DM3 LUTRON HI-LUME ECOSYSTEM 1% (LDE1)

- LUTRON HI-LUME SOFT-ON, FADE-TO-BLACK 1%, ECOSYSTEM, LDE1
- ELECTRONIC DRIVER
- . POWER FACTOR >0.9
- . THD <20%
- MINIMUM AMBIENT OPERATING TEMPERATURE: -32°F
- FIELD REPLACEABLE

-

OPTIONS

ULD DAMP LABEL LUMINAIRE

 MAY BE USED IN A OUTDOOR AREA THAT IS PROTECTED FROM DIRECT CONTACT WITH WIND, RAIN, SNOW OR EXCESSIVE MOISTURE

MOD MODIFIED LUMINAIRE

 LUMINAIRE IS MODIFIED FROM STANDARD OPTIONS. CONTACT LOCAL REP FOR MORE INFORMATION

BIOS

- BIOS SKYBLUET DYNAMIC LIGHT ENGINE IS DIMMABLE AND FEATURES A SIMPLE APPROACH TO CIRCADIAN LIGHTING CONTROLS.
- WHEN PAIRED WITH THE BIOS BIO-DIMMING MODULE, IT OPERATES USING ANY SINGLE CHANNEL CONSTANT CURRENT (CC) LED DRIVER AND CAN BE USED WITH ANY STANDARD DIMMING INTERFACE/PROTOCOL (0-10V, ELV, DMX, WIRELESS) AND COULD WORK WITH EXISTING TWO-CHANNEL CONTROL SYSTEMS AS WELL.
- VISIT OCL.COM/BIOS FOR MORE INFORMATION

CONSTRUCTION

- MOUNTING PLATE IS FABRICATED FROM STEEL POWDER COAT PAINTED MATTE WHITE
- DIFFUSER IS MOLDED IN ONE PIECE WITHOUT VISIBLE SEAMS OR JOINTS
- LED REFLECTOR ASSEMBLY IS MATTE ANODIZED
 ALUMINUM
- HARDWARE IS ZINC PLATED OR STAINLESS STEEL

ELECTRICAL

 DIMMING ELECTRONIC DRIVER(S), COMES STANDARD WITH 0-10V DOWN TO 1%

SPECIFICATIONS

- LUTRON (LDE1) ECOSYSTEM 1% ALSO AVAILABLE
- OCL PROPRIETARY LED ARRAYS USE NICHIA 757 DIODES
- 80+ CRI = 80 RA, R9 > 0 (10-15 TYP.)
- 90+ CRI = 90 RA, R9 > 50
- LUMINAIRE WIRE LEADS ARE LOW-VOLTAGE. THE WIRES SHOULD BE CONNECTED TO OCL PROVIDED REMOTE DRIVER ENCLOSURE ONLY!

LISTING

MANUFACTURER CLAMS VERIFIED BY SCS GLOBAL SERVICES INTERNATIONAL LIVING FUTURE INSTITUTE™ living ETL LISTED TO UL 1598 FOR INDOOR, DRY LOCATION

WARRANTY

 5 YEAR; ALL ELECTRICAL COMPONENTS RETAIN THE MANUFACTURER'S WARRANTY

DECLARE

SUSTAINABILITY

- DECLARE: DECLARE IS AN INGREDIENT LABEL DISCLOSURE FOR BUILDING PRODUCTS THAT IS DESIGNED TO HELP SPECIFIERS QUICKLY IDENTIFY PRODUCTS THAT SUPPORT HUMAN AND ENVIRONMENTAL HEALTH. LEARN MORE AT OCL.COM/DECLARE
- THIS PRODUCT MEETS THE MATERIAL RESTRICTIONS OF ARTICLE 4 OF THE ROHS DIRECTIVE (2011/65/EU), INCLUDING COMMISSION DELEGATED DIRECTIVE 2015/863
- BIOS LIGHTING CONTRIBUTES TOWARD THE CIRCADIAN LIGHTING DESIGN FEATURE 54 UNDER THE WELL
 BUILDING STANDARD[™] V1 AND FEATURE LO3 UNDER THE WELL BUILDING STANDARD V2

DECLARE: PRODUCT TRANSPARENCY IN MANUFACTURING Declare. Declare is the only label that combines material transparency and the Red Glowring, Loop List. It distills complex chemical ingredient information into an easy to read OCL Architectural Lighting Final assembly location Life expectancy + label. Declare helps specifiers find Red List Free products, which are healthy end of life options How long will this product last + what do you do with it when you're done with it? Assembly: St Louis, Missouri, USA Final Assembly: 30 Lower, 5 Life Expectancy: 10 Year(s) End of Life Options: Recyclable (93), Landfill (7) for people, the environment, and communities. **Chemical ingredients** A product's compliance with the LBC Red List is represented on the Declare® presense: minum; Polyethylene Terephthalate; Small Electrical mponent; Brass; Heenee, polymer with ethenes; Steel nander/shimmo:16-flwanned/j1.2mc; Copper; Cobalt meth sources and the source of the source of the source of the source manager of the source of the source of the source of the source manager of the source of the source of the source of the source manager of the source of the source of the source of the source sources of the source of the source of the source of the source of the manager of the source of the sourc label by the product's Declaration Status. There are three Declaration Statuses: DECLARED (RLD) products disclose 100% of ingredients present in the final product, but contain one or more Red List chemicals that are not covered by an approved exception. LBC RED LIST APPROVED (RLA) products disclose a minimum ¹LBC Temp Exception RL-002 - Small Electrical Compo of 99% of ingredients present in the final product and meet the LBC Red List compliance Red List Imperative requirements through one or more approved Living Building Challenge Criteria: Red List ingredients in this product? I-13 Red List: LBC Red List Free LBC Red List Approx exceptions % Disclosed: 100% at 100ppm ved VOC Content: Not Applicable VOC info duct off-gas? LBC RED LIST FREE (RLF) products disclose 100% of ingredients I-10 Interior Performance: Not Compliant I-14 Responsible Sourcing: Not Applicable present at or above 100 ppm (0.01%) in the final product and do not contain any Red List chemicals. OCL-0004 EXP. 01 OCT 2024 Original Issue Date: 2023 Need more information? Visit ocl.com/declare to learn more...

COMMON MODIFICATIONS

WE'RE BUILT FOR OUT-OF-THE-BOX THINKERS.

Nearly 50% of OCL fixtures we manufacture have some type of modification. Here is a list of common modifications we frequently produce. Please contact the factory for modifications specific to your fixture or project.

Need some help? Simply send your questions to us at **OCL-Quotes@ocl.com**

- BIOS, TUNABLE WHITE, WARM-DIM, & RGBW LIGHT SOURCES
- SPECIFIC LUMEN OUTPUT
- MODIFIED CLUSTERS OR CONFIGURATIONS / MULTI-DROP CANOPIES
- VARIOUS SHAPES, ARCS, AND CURVES FOR LINEAR PROFILES AND RINGS
- CEILING OR SURFACE MOUNTING
- LARGE SCALE MODIFICATIONS
- RAL, PANTONE, BRAND-SPECIFIC, RETIRED OCL COLOR, OR CUSTOM FINISHES





- REMOTE DRIVERS / EXTENDED DISTANCE REMOTE DRIVERS
- DIMMING TO 0.1% (DIM TO DARK)
- NON-STANDARD SIZES OR LENGTHS
- NON-STANDARD CANOPY, BODY AND/OR CORD COLORS
- SEISMIC AND/OR ANTI-SWAY SYSTEMS
- RIGID STEMS
- MODIFIED OVERALL HEIGHTS (LONGER OR SHORTER OAH)
- UPLIGHT ADDITIONS
- LASER ETCHING, ENGRAVING, AND CUTOUTS

The drawings and specifications and ideas, designs and arrangements represented on these drawings are and shall remain the property of The Original Cast Lighting (OCL Architectural Lighting) and no part thereof shall be copied, disclosed, to others or used in conjunction with any work or project other than the specifications and information subject to change without notice.