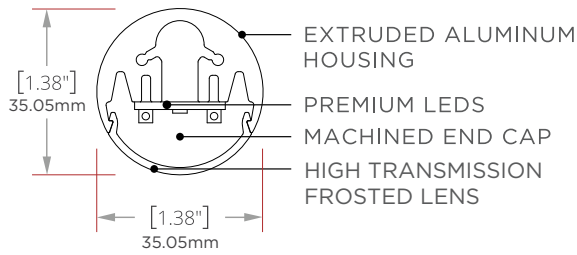


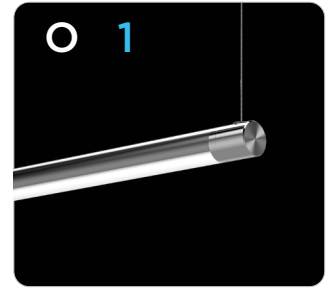
DATE	PROJECT	FIRM	TYPE
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**Tuned for Day**

MAXBLUE provides focus and alertness all day

Tuned for Night

ZEROBLUE biological night and usable white light



Oxygen 1 is tuned for humans with integrated Circadian Blue technology. It provides the right blue light at the right time for health and well-being. Maintaining the clean simplicity and balanced proportions of the entire Oxygen series, this housing offers greater versatility and efficacy.

FEATURES:

- 1-3/8 INCH DIAMETER ROUND PROFILE
- HIGH TRANSMISSION FROSTED LENSES
- 0.1% DIMMING STANDARD
- EXTRUDED ALUMINUM HOUSING WITH NO VISIBLE FASTENERS
- MACHINED ALUMINUM END CAPS WITH EASY ACCESS REMOVAL
- 360 DEGREE ROTATION OPTION - WITH MECHANICAL LOCKING

NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

FIXTURE MODEL	MOUNTING	NOMINAL LENGTH (FT)	CCT/CRI	DIRECT POWER LEVEL ¹	DIRECT BEAM DISTRIBUTION	INDIRECT POWER LEVEL ¹	INDIRECT BEAM DISTRIBUTION ¹	DRIVER	HOUSING FINISH
O1 Oxygen 1	CSD Cable Suspended Directional CSI Cable Suspended Indirect CSR Cable Suspended Rotational	2 3 4 5 6 CR^{1,2,3} Continuous Run (Specify Length in Nominal Feet) <small>1. Power feed is always first section of a continuous run 2. CR avail only with rotational mounting 3. Rotational mounting w/ CR will have a power feed for every section</small>	CIR	VL Very low L Low S Standard H High VH Very High	F Flood	VL Very low L Low S Standard H High VH Very High	F Flood	DALI DT8	SC Satin Clear Anodize SW Satin White Powder Coat MB Matte Black Powder Coat CF Custom Finish (Consult Factory)

CABLE LENGTH	END CAPS FINISH ¹	DRIVER HOUSING FINISH	CANOPY SIZE	CANOPY FINISH
4' 4" 8' 8"	MF Machined Finish SW Satin White MB Matte Black CF Custom Finish (Consult Factory) <small>1. CSR rotational hardware finish matches end cap finish selection</small>	SC Satin Clear SW Satin White MB Matte Black	44 4" Power feed canopy 4" Non-power feed canopy 44E 4" Power feed canopy 4" Non-power feed canopy - International 40 4" Power feed canopy Canopy only at power feed 40E 4" Power feed canopy Canopy only at power feed - International 41 4" Power feed canopy 1" Non-power feed canopy 41E 4" Power feed canopy 1" Non-power feed canopy - International 2MIC Zero Canopy Mud In 2ACT Zero Canopy <small>1. Non CE; Requires North American J-box</small>	MF Machine Finish SW Satin White MB Matte Black CF Custom Finish (Consult Factory)

ZEROBLUE FLOOD DIRECT					
POWER LEVELS	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS /4FT	EFFICACY LPW	CCT/CRI
VL	775	775	16	51	2700/81
L	1200	1200	24	52	2700/81
S	1600	1600	32	51	2700/81
H	1958	1958	40	50	2700/81
VH	2258	2258	48	49	2700/81

MAXBLUE FLOOD DIRECT					
POWER LEVELS	LIGHT DIRECT LM/4FT	TOTAL LIGHT LM/4FT	ENERGY WATTS /4FT	EFFICACY LPW	CCT/CRI
VL	1826	1826	16	102	4200/85
L	2691	2691	24	101	4200/85
S	3454	3454	32	100	4200/85
H	4191	4191	40	97	4200/85
VH	4761	4761	48	95	4200/85

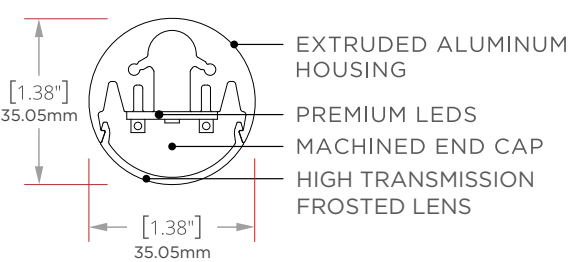
GENERAL NOTES:

All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. **REMOTE DRIVER** for all options. Please contact the factory with any specification questions.

**FIXTURE ORIENTATION**

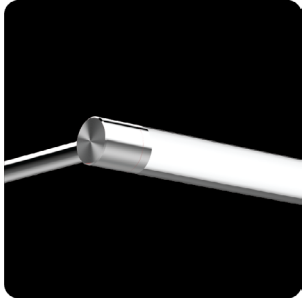
Direct (CSD) for downlight applications
Indirect (CSI) for up light applications
Rotational (CSR) for adjustable applications: 360 degree rotational capacity with locking mechanism

DATE	PROJECT	FIRM	TYPE
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FEATURES:

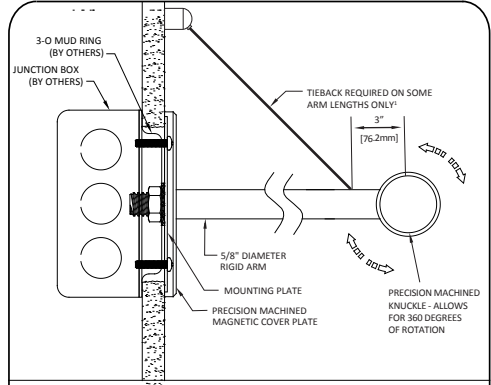
- 5/8" DIAMETER RIGID TUBE MOUNTING SYSTEM
- HIGH TRANSMISSION FROSTED LENSES
- 1% DIMMING DRIVERS STANDARD
- EXTRUDED ALUMINUM HOUSING WITH NO VISIBLE FASTENERS
- MACHINED ALUMINUM END CAPS WITH EASY ACCESS REMOVAL
- 360 DEGREE ROTATION OPTION WITH MECHANICAL LOCKING



NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

FIXTURE MODEL	MOUNTING	NOMINAL LENGTH (FT)	CCT/CRI	DIRECT POWER LEVEL	DIRECT BEAM DISTRIBUTION	DRIVER	HOUSING FINISH	END CAPS & RAM HARDWARE FINISH
O1 Oxygen 1	RAM Rotational Arm Mount RAME Rotational Arm Mount - International	2 3 4 5 6 CR ^{1,3} Continuous Run (Specify Length in Nominal Feet)	CIR	VL Very low L Low S Standard H High VH Very High	F Flood	DALI DT8	SC Satin Clear Anodize SW Satin White Powder Coat MB Matte Black Powder Coat CF Custom Finish (Consult Factory)	MF Machine Finished SW Satin White Powder Coat MB Matte Black Powder Coat CF Custom Finish (Consult Factory)
1. Power feed is always first section of a continuous run 3. Rotational mounting w/CR will have a power feed for every section								

DRIVER HOUSING FINISH	ARM LENGTH NOM (IN)	MOUNTING PLATE	OPTIONS ⁶
SC Satin Clear SW Satin White MB Matte Black	3 6 9 ¹ 12 ¹	4CPF	EMB7 ^{1,6} 7 Watt battery back-up (Approximately 600 lumens) EMB12 ^{1,6} 12 Watt battery back-up (Approximately 1000 lumens) EMW ¹ Emergency Circuit Wiring
1. Includes Mounting Tieback 1. EMB/EMW only linked to first section of continuous run 6. Factory EMB and Sensor (WS*) options not avail for INTL			



ROTATIONAL ARM MOUNT INFORMATION

GENERAL NOTES:

All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. REMOTE DRIVER for all options. Please contact the factory with any specification questions.

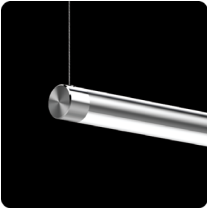


DATE	PROJECT	FIRM	TYPE
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Oxygen 1 Circadian												
4W/FT	CCT	2700	2850	3000	3150	3300	3450	3600	3750	3900	4050	4200
	Max Cd	57.90	62.80	67.00	72.30	86.20	94.00	103.20	112.70	112.70	122.20	136.46
	Lumens	193.68	210.07	224.12	241.84	264.26	288.34	314.43	345.20	376.98	408.76	456.46
	Watts	3.83	3.83	3.88	3.90	3.98	4.03	4.10	4.15	4.23	4.30	4.47
	L/W	50.63	54.21	57.84	62.01	66.48	71.64	76.69	83.18	89.23	95.06	102.12
6W/FT	CCT	2700	2850	3000	3150	3300	3450	3600	3750	3900	4050	4200
	Max Cd	89.43	96.07	102.82	110.81	119.00	128.34	138.82	151.27	166.73	181.15	200.55
	Lumens	300.05	322.33	344.95	371.75	399.25	430.58	465.74	507.51	559.37	607.75	672.85
	Watts	5.78	5.78	5.80	5.83	5.88	5.88	5.93	6.03	6.20	6.33	6.64
	L/W	51.96	55.81	59.47	63.82	67.96	73.29	78.61	84.23	90.22	96.09	101.33
8W/FT	CCT	2700	2850	3000	3150	3300	3450	3600	3750	3900	4050	4200
	Max Cd	119.50	130.90	142.00	153.60	166.10	178.70	192.40	208.10	225.30	240.90	257.85
	Lumens	400.15	438.32	475.49	514.34	556.19	598.38	644.26	696.83	754.43	806.66	863.42
	Watts	7.90	7.90	7.93	7.98	7.95	7.90	7.93	8.00	8.18	8.35	8.63
	L/W	50.65	55.48	60.00	64.49	69.96	75.74	81.29	87.10	92.28	96.61	100.08
10W/FT	CCT	2700	2850	3000	3150	3300	3450	3600	3750	3900	4050	4200
	Max Cd	145.90	160.00	173.60	187.00	201.70	217.60	234.60	252.80	271.20	291.00	312.37
	Lumens	489.41	536.70	582.32	627.27	676.58	729.91	786.94	847.99	909.71	976.13	1047.81
	Watts	9.85	9.85	9.85	9.85	9.80	9.80	9.85	9.93	10.05	10.38	10.81
	L/W	49.69	54.49	59.12	63.68	69.04	74.48	79.89	85.44	90.52	94.08	96.97
12W/FT	CCT	2700	2850	3000	3150	3300	3450	3600	3750	3900	4050	4200
	Max Cd	168.49	185.63	199.55	213.56	230.20	248.17	266.54	285.42	306.23	326.93	355.33
	Lumens	564.43	618.49	668.47	715.40	771.16	831.34	892.89	956.13	1025.83	1095.20	1190.33
	Watts	11.60	11.55	11.55	11.48	11.45	11.48	11.53	11.60	11.78	12.13	12.58
	L/W	48.66	53.55	57.88	62.34	67.35	72.45	77.47	82.42	87.12	90.33	94.66

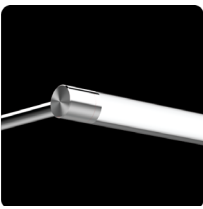
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MOUNTING



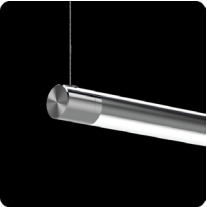
CABLE SUSPENDED DIRECT (CSD)
CABLE SUSPENDED INDIRECT (CSI)

This fixture can be a static down-light: Direct (CSD) or static up-light: Indirect (CSI). Aircraft cables come in 4ft and 8ft lengths and are field adjustable.



ROTATIONAL ARM MOUNT (RAM)

This system uses 5/8" diameter aluminum arms and subtle details in combination with a 360 degree rotational capacity to create some of the most versatile linear fixtures in the architectural market. Standard mounting uses 3/0 mud rings (supplied by others). Engineered with no visible fasteners, smooth rotation, and mechanical locking, the RAM system reveals an impressive aesthetic with exceptional versatility.



CABLE SUSPENDED - ROTATIONAL (CSR)

Using a similar setup to the Cable Suspended system above, the Cable Suspended - Rotational system has 360 degree rotational capacity with mechanical fasteners to lock fixtures in place if desired. This system offers incredible flexibility, light direction control, and a dynamic aesthetic.

CONTINUOUS RUN (CR)

Our 360 degree rotational continuous run option enables individual sections to rotate independently of each other, which offers adjustable asymmetric light distribution capacity along with striking appearances such as alternating up/down fixtures or spiral transitions. The flexibility within the rotational option makes for infinite design and functional possibilities.



CONTINUOUS RUN ROTATIONAL



CONTINUOUS RUN ROTATIONAL
(SPIRAL EFFECT)



FIXTURE WITH CONTINUOUS RUN ROTATIONAL

CANOPIES

44



4" diameter power feed and 4" diameter non-power feed canopy.

40



4" diameter machined power feed canopy and no canopy on the non-power feed side. Minimal aesthetic. Requires a 1/4-20 stud securely attached to the ceiling.

41



4" diameter machined power feed and 1-1/4" diameter machined non-power feed canopy. Offers minimal ceiling treatment while maintaining the ability to cover mistakes. Requires a 1/4-20 stud securely fastened to the ceiling.

44E, 41E, 40E
(**E) International Canopy



INTL POWERFEED CANOPY
FOR REMOTE DRIVER
FIXTURES (PSS CABLES)

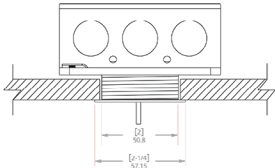
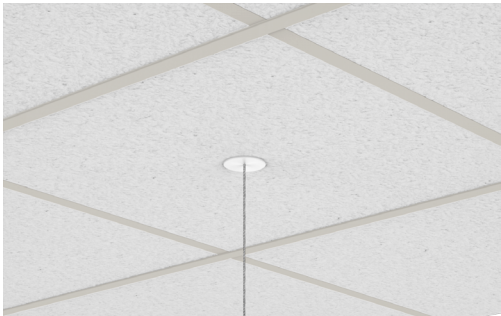
This powerfeed canopy replaces the flat style canopy from the North American mounting style (44, 41, & 40) versions pictured)

DATE	PROJECT	FIRM	TYPE
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ZERO CANOPY OPTIONS

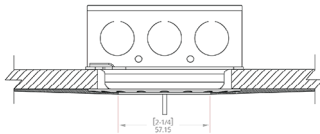
Zero Canopy is Lumium's exclusive suspension mounting method to eliminate all visual distractions on the ceiling plane. When used with non-powered aircraft suspension cable, or with our Powered Suspension System (PSS) and remote driver, Lumium's Zero Canopy option eliminates the need for a thick canopy cover by ingeniously hiding the height-adjustment gripper and electrical connections behind a thin 2-1/4" magnetized access panel. Paint the panel to match the ceiling to create a simple, elegant luminaire suspension system with no visible hardware. Attaches to a standard 4" j-box. Available for hard top mud-in ceilings up to 3/4" thick, as well as suspended ceilings from 1/4" - 1-1/2" thick.

ACT (2ACT)



Lumium's Zero Canopy option for suspended and acoustic ceilings is a clever solution for removing distracting visible mounting hardware from the ceiling plane. The 2ACT ceiling tile version includes a thin 2-1/4" magnetized access panel, which hides any electrical connections and included height-adjustment gripper. A threaded piston adjusts to accommodate various installation applications and ceiling thicknesses, even thin metal substrates. Conceal the access panel by painting-to-match the rest of the ceiling, or add a custom finish for a pop of color. Toolless entry. Attaches to a standard 4" j-box. Specify access panel finish. Accepts standard aircraft cable or PSS powered suspension cable system only. Do not use 2ACT for line voltage power drop locations.








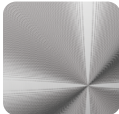


MUD-IN (2MIC)



Lumium's Zero Canopy option for mud-in ceilings is an ingenious method for removing all visible hardware from the ceiling plane. The 2MIC mud-in version includes a built-in 1/2" flange with a flush 2-1/4" magnetized access panel which hides any electrical connections and included height-adjustment gripper. Conceal the access panel by painting-to-match the rest of the ceiling, and eliminates all visual distractions from suspension hardware. Toolless entry. Attaches to a standard 4" j-box. Specify access panel finish. Accepts standard aircraft cable or PSS powered suspension cable system only. Do not use 2MIC for line voltage power drop locations.

COLOR AND FINISH

Standard luminaire housing finishes are Satin Clear anodized, Matte Black powder coat, and Satin White powder coat. Standard hardware (end caps, knuckles, cover plates, etc.) finishes are Machined Finish, Matte Black powder coat, & Satin White powder coat. Custom anodizing and powder coated finishes are available as well. If you have a particular color/finish treatment in mind, please contact the factory and we will do our best to accommodate your project needs.

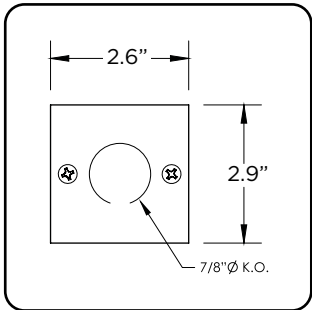
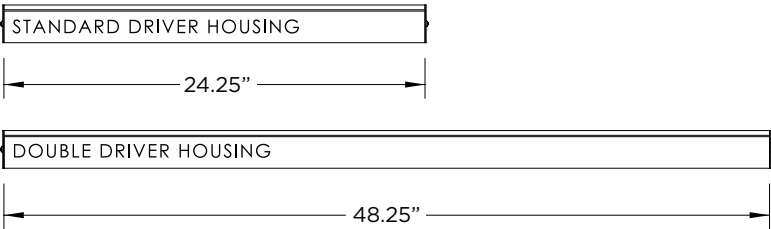
STANDARD			CUSTOM			
LUMINAIRE						
						
SATIN CLEAR ANODIZING	MATTE BLACK	SATIN WHITE	BRONZE	COLOR ANODIZE	SPECULAR	RAL COLORS
HARDWARE						
						
MACHINED COMPONENTS	MATTE BLACK	SATIN WHITE				

NOTE: Information on this Spec Sheet is subject to change, please visit www.ecosenselighting.com for the most updated information.

DATE	PROJECT	FIRM	TYPE
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REMOTE DRIVERS HOUSING SIZE

The driver housing length is typically dictated by the options selected. Standard driver housing lengths are as shown. Non standard driver requests may increase or decrease the driver housing length. Specifications are subject to change without notice. Consult factory with questions, requests, or size limitations and we will do our best to accommodate your needs.

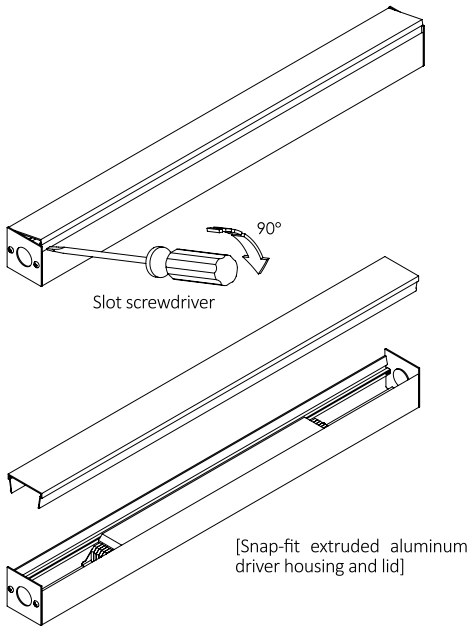


DRIVER HOUSING PROFILE

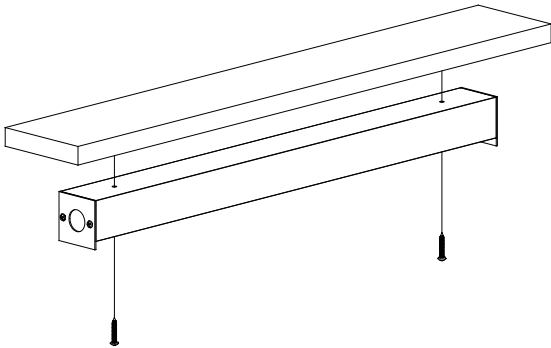
INSTRUCTIONS

See below for lid removal and installation instructions.

To remove the driver housing lid, use a broad slot screwdriver in the channel as shown here and twist the screwdriver ninety degrees. This may need to be done at both ends of the housing or multiple locations depending on the driver housing length.



- 1) Drill mounting holes in the driver housing as needed to secure to a suitable surface. (If needed, a power feed hole can be drilled into the bottom of the housing for certain mounting/power feed applications).



- 2) Secure the housing to the surface. (Fasteners by others)
- 3) Complete wire make-up. Snap extruded lid onto the housing.

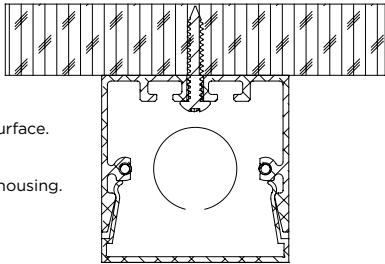


Table with 4 columns: DATE, PROJECT, FIRM, TYPE

WELDED CORNERS

- Luminaire housing is custom mitered & welded for a clean corner appearance
- Lens is also mitered for lens-to-lens interfaces that mirror the mitered housing
- Lens is illuminated to the corner (AKA: lit corners)
- Adjustable aircraft cable suspension system
- High quality powder coated finish (anodized finishes not available with welded custom patterns).

CUSTOMER INSTRUCTIONS

- A. Select "CP" option in the ordering block (found in the NOMINAL LENGTH column)
- B. Submit simple drawing(s) with the following info:
- Provide number of legs of pattern
 - Length of each leg (A, B, C, D, etc)
 - Angles of corners (a1, b1, c1, d1, etc)
1. For '3 dimensional' patterns, please provide side view(s) with desired angles, in addition to a top view.
2. Minimum corner angle is 30 degrees.



NITROGEN 3 CUSTOM PATTERN PICTURED

EXAMPLES:

Three diagrams illustrating different light fixture patterns: a triangle, a rectangle, and a complex shape. Each diagram includes a 'Customer Specification' list.

Customer Specification

1. Qty Legs = 3
2. A, B, C = 3ft
3. a1, b1, c1 = 60 deg

Customer Specification

1. Qty Legs = 4
2. A & C = 8ft, B & D = 4ft
3. a1, b1, c1, d1 = 90 deg

Customer Specification

1. Qty Legs = 4
2. A = 8ft, B = 6ft, C = 6ft, D = 4ft-3in
3. a1 & b1 = 90 deg, c1 = 45 deg