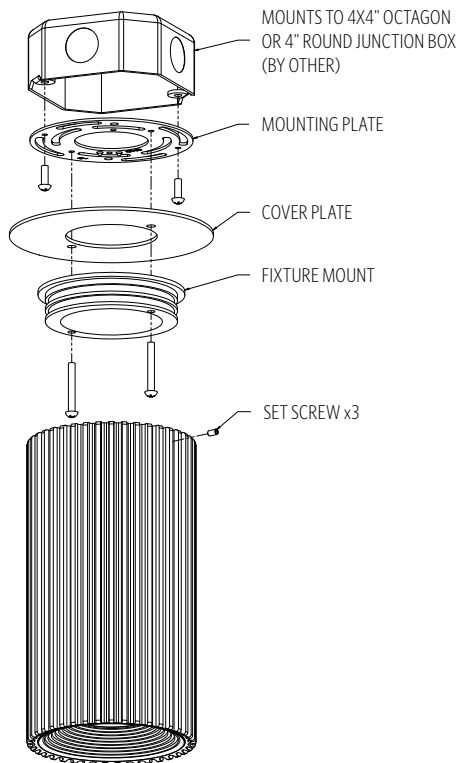
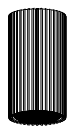




## HANGING SYSTEM

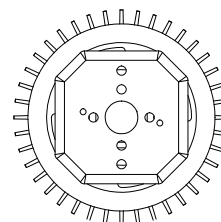
### C1NA INDOOR SURFACE CEILING MOUNT



#### MOUNTING INFORMATION CHART

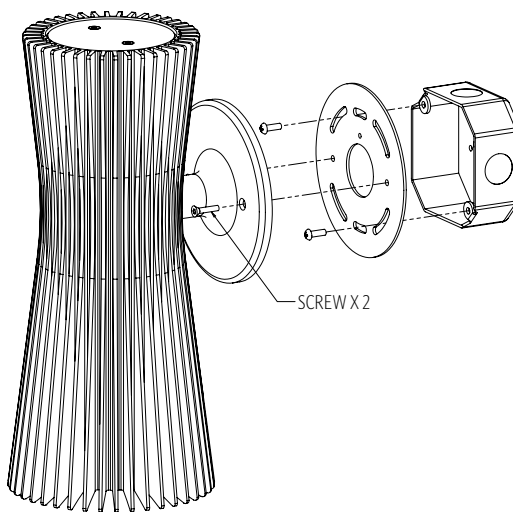
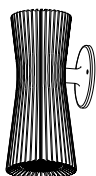
LUMINAIRE HEIGHT	LUMINAIRE WEIGHT	MOUNTING POINTS
8"	6 LBS	1
13"	9 LBS	1

Fixture is provided with 5" dia. cover plate finished to match the fixture body; if no visible cover plate is desired, a 3" mud ring should be pre-installed (supplied by others); 5" dia. cover plate can be discarded if unused.



MOUNTS TO 4X4" OCTAGON OR 4" ROUND JUNCTION BOX (BY OTHER)

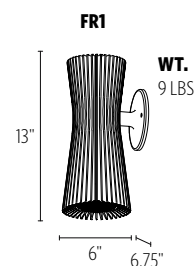
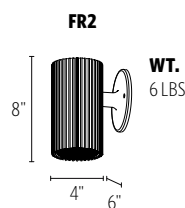
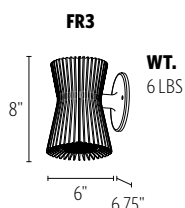
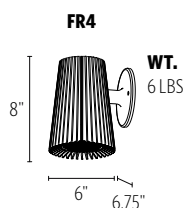
### S1SC INDOOR SCONCE O10B OUTDOOR SCONCE (ETL LISTED FOR WET LOCATION)



#### MOUNTING INFORMATION CHART

LUMINAIRE HEIGHT	LUMINAIRE WEIGHT	MOUNTING POINTS
8"	6 LBS	1
13"	9 LBS	1

## SIZES



## FINISH

### METALLIC POWDER COAT FINISHES:



### SOLID POWDER COAT FINISHES:



### TEXTURED POWDER COAT FINISHES:



**RAL®, Pantone®, or custom finishes are also available.**

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.

## LIGHT SOURCE

LUMENS AND WATTAGE CHART		8"	13"
<b>LED1</b>	LUMENS DELIVERED	1500	1500
	SYSTEM WATTAGE	16	16
<b>LED2</b>	LUMENS DELIVERED	NA	2135
	SYSTEM WATTAGE	NA	26
<b>LED3</b>	LUMENS DELIVERED	NA	2855
	SYSTEM WATTAGE	NA	37
<b>2LED1*</b>	LUMENS DELIVERED	NA	2750
	SYSTEM WATTAGE	NA	32

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

\*2LED1 is up/down illumination. LED1, LED2, & LED3 are same direction.

STANDARD COLOR TEMPERATURE OPTIONS	CRI	
2700K	80+	90+
3000K	80+	90+
3500K	80+	90+
4000K	80+	90+

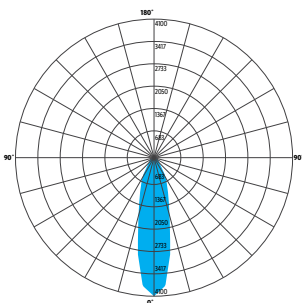
For 80+ CRI - 80 RA, R9 > 0 (10-15 TYP); For 90+ CRI - 90 RA, R9 > 50

### PHOTOMETRY:

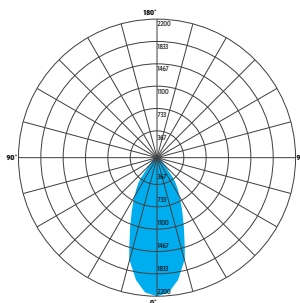
FIXTURE:	FRI-P1CB-13-NF-PTD-1LD15/35K-120
COLOR TEMP #:	3500K
OUTPUT:	1500
EFFICACY:	93 LM/W
TEST REPORT:	TEST NO. 18332.0

For all available IES files, please visit our website at [ocl.com](http://ocl.com).

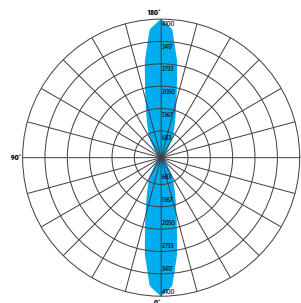
ZONE	NARROW FLOOD		WIDE FLOOD		NARROW FLOOD UP/DOWN (2LED1)		WIDE FLOOD UP/DOWN (2LED1)	
	LUMENS	% OF LUMINAIRE	LUMENS	% OF LUMINAIRE	LUMENS	% OF LUMINAIRE	LUMENS	% OF LUMINAIRE
0-30	1187	81%	1112	74%	1187	40%	1112	37%
0-60	1468	99.7%	1499	100%	1468	49%	1499	50%
0-90	1472	100%	1499	100%	1472	50%	1499	50%
0-120	-	-	-	-	2374	80%	2224	74%
0-150	-	-	-	-	2936	99%	2998	100%
0-180	-	-	-	-	2944	100%	2998	100%



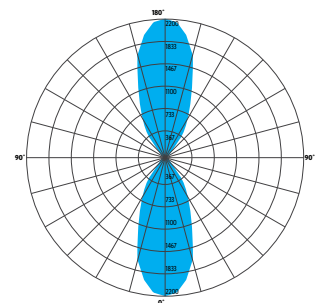
**NARROW FLOOD**



**WIDE FLOOD**



**NARROW FLOOD UP & DOWN (2LED1)**



**WIDE FLOOD UP & DOWN (2LED1)**

## CONTROL

### DMO 0-10V DIMMING DOWN TO 10% (FR1 WITH 2LED1 ONLY)

- 0-10V DIMMING
- 10% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%
- MIN AMBIENT OPERATING TEMPERATURE -31°F
- FIELD REPLACEABLE

### DM1 0-10V DIMMING DOWN TO 1%

- 0-10V DIMMING
- 1% MINIMUM DIMMING LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%
- MIN AMBIENT OPERATING TEMPERATURE = -31°F
- FIELD REPLACEABLE

### DM3 LUTRON HI-LUME ECOSYSTEM 1% (LDE1; FR1 ONLY)

- LUTRON DIGITAL ECOSYSTEM DIMMING
- 1% MINIMUM DIMMING LEVEL
- SOFT-ON / FADE-TO-BLACK
- ELECTRONIC DRIVER
- POWER FACTOR >0.9 @ 120V
- THD <23% @ 120V
- MIN AMBIENT OPERATING TEMPERATURE = 32°F
- FIELD REPLACEABLE

## OPTIONS

### ULD DAMP LABEL LUMINAIRE

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

### BIOS

- **BIOS SKYBLUE™ 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

### HCL HEX CELL LOUVER

- PROVIDES A 45° VISUAL CUT-OFF TO HELP REDUCE GLARE

### SFL SOFTENING LENS

- TEXTURED LENS THAT SOFTENS AND SPREADS BEAM

### SPL SPREAD LENS

- DIRECTS THE LAMP BEAM TO CREATE A DIFFUSED SPREAD IN AN EVEN PATTERN IN ALL DIRECTIONS

### LSL LINEAR SPREAD LENS

- PRODUCES ASYMMETRICAL LIGHT DISTRIBUTION, CREATING AN OVAL OF LIGHT

### MOD MODIFIED LUMINAIRE

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

## SPECIFICATIONS

### CONSTRUCTION

- FIXTURE IS EXTRUDED AND MACHINED ALUMINUM
- HARDWARE IS ZINC PLATED OR STAINLESS STEEL

### LENSING

- STANDARD LENS INCLUDED FOR **2LED1** ONLY
- FOR **SISA** IN UPWARD FACING ORIENTATION, NOTE IN MODIFICATIONS AND A LENS WILL BE PROVIDED

### ELECTRICAL

- DIMMING ELECTRONIC DRIVER(S), COMES STANDARD WITH 0-10V DOWN TO 10%
- 0-10V DOWN TO 1% AND LUTRON ECOSYSTEM (LDE1) 1% ALSO AVAILABLE AS MODIFICATION (REQUIRES REMOTE DRIVERS; **FR1 ONLY**, NOT AVAILABLE IN **2LED1**)
- BRIDGELUX COB
- LUMINAIRE CONNECTS TO BUILDING SUPPLY (120V-277V 50/60HZ) UNLESS DRIVERS ARE REMOTE

### LISTING

- **SISC & CINA** ETL LISTED TO UL 1598 FOR DRY LOCATIONS; **ULD** DAMP LOCATION LISTED IS OPTION
- **O10B** ETL LISTED TO UL 1598 FOR WET LOCATION

### WARRANTY

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

### SUSTAINABILITY

- **BIOS** LIGHTING CONTRIBUTES TOWARD THE CIRCADIAN LIGHTING DESIGN FEATURE 54 UNDER THE **WELL BUILDING STANDARD™ V1** AND FEATURE L03 UNDER THE **WELL BUILDING STANDARD V2**
- THIS PRODUCT MEETS THE MATERIAL RESTRICTIONS OF ARTICLE 4 OF THE **ROHS** DIRECTIVE (2011/65/EU), INCLUDING COMMISSION DELEGATED DIRECTIVE 2015/863

## 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



- EMERGENCY BATTERY BACKUP OR INVERTER OPTIONS
- 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

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