



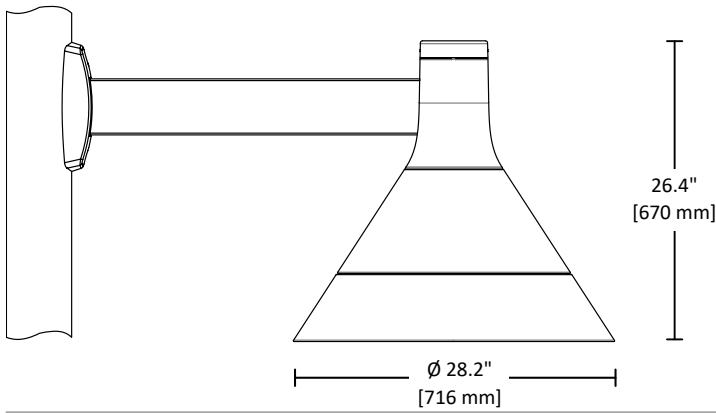
LIO-S SM-A



URBAN-COZY LIGHTING



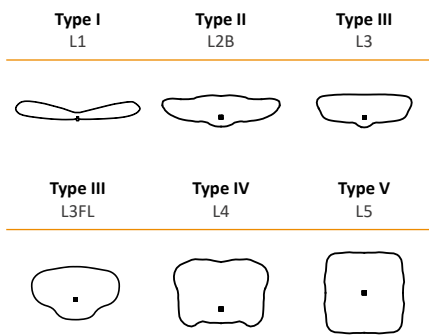
LIGHTING
DESIGN
AWARDS



LIO-L SM-A CF80-24



Distributions



CCT		CRI
3000K	4000K	C70
		C80

Characteristics



Sources

Type I-II-III-V		
350mA	530mA	700mA
18LED03 20W	18LED05 30W	18LED07 40W
36LED03 40W	36LED05 60W	36LED07 80W
54LED03 60W	54LED05 90W	54LED07 120W
72LED03 80W	72LED05 120W	
90LED03 100W		
108LED03 120W		
Type IV		
350mA	530mA	700mA
12LED03 13W	12LED05 20W	12LED07 27W
24LED03 27W	24LED05 40W	24LED07 54W
36LED03 40W	36LED05 60W	36LED07 80W
48LED03 54W	48LED05 80W	48LED07 107W
60LED03 67W	60LED05 100W	
72LED03 80W	72LED05 120W	

LIO-L SM-A

- Up to 120W
- Up to 15 000 lumens
- Weight: 56.1lb - 25.5kg
- EPA: 2.44 ft²

Description

The LIO line of outdoor lighting products draws its inspiration from the clean, simple lines and comforting, enveloping light renderings found in interior fixtures, from which it takes its name **Lighting Inside Out**.

Construction

- Aluminum A356
- Minimum wall thickness of 0.188" [4.8 mm]
- Stainless steel hardware

Optical system

- Clear tempered glass or frosted tempered glass lens
- Aluminum heat sink dissipator
- High intensity white light emitting diodes (LED)
- IP66

Driver

- Constant current, -40°C [-40°F] to 80°C [176°F], PF 0,99, 0-10V, 120 to 277V / 347 - 480V.
- Option PRG: Programmable Driver (Consult factory for scenario options)

Voltage

120 - 208 - 240 - 277 - 347 - 480

Finish

- **PlafORIZATION** (All metallic parts are pretreated using an environmentally friendly organic phosphating technology)
- Polyester powder coating
- Minimum thickness of 100 microns
- Meet ASTM B117 standards
- Meet ASTM D2247 standards

Available options

- **RCD-DOF** Internal DimOnOff light control system C/W antenna (software not included)
- **HSS** House side shield (internal)
- **SGP** Surge protector 10kV or 20kV
- **PRG** Programmable driver
- **MS-24X** Motion sensor
- **BTP** Button type photocell
- **TRP7** 7 pins twist lock photocell receptacle (ANSI C136.41) C/W shorting cap
- **TRP** 7 pins twist lock photocell receptacle (ANSI C136.41) C/W photocell
- **PER** Twist lock photocell receptacle (ANSI C136.41)

Date _____

City _____

Project name _____

Type _____

Qty. _____



Color charts



IES files



Photometrics chart



Options datasheet

Product code	Tenon	Lens	Louver type	Source	Voltage	Distribution	CCT	Options	Color	Louwer Color
LIO-L (Large)	SM-A	04 Clear 05 Frosted	01	Type I-II-III-V 18LED03 20W 36LED03 40W 54LED03 60W 72LED03 80W 90LED03 100W 108LED03 120W 18LED05 30W 36LED05 60W 54LED05 90W 72LED05 120W 18LED07 40W 36LED07 80W 54LED07 120W Type IV 12LED03 13W 24LED03 27W 36LED03 40W 48LED03 54W 60LED03 67W 72LED03 80W 12LED05 20W 24LED05 40W 36LED05 60W 48LED05 80W 60LED05 100W 72LED05 120W 12LED07 27W 24LED07 54W 36LED07 80W 48LED07 107W	120 208 240 277 347 480	L1 L2B L3 L3FL L4 L5	30K 30KC80 40K 40KC80	*See options below*	*see color chart*	LV- *See color chart*

Code example: LIO-L SM-A 0401 36LED07 80W 120V L3FL 40KC80 SG LV-BK


CLICK HERE TO SELECT YOUR MANDATORY ARM

Communication node	House side shield	Surge protector	Motion sensor	Programmable driver	Photocell
RCD-DOF DIMONOFF + ANTENNA	HSS	SGP-10 (120-277V) SGP-20 (120-277V) SGP-10HV (347-480V) SGP-20HV (347-480V)	MS-24L MS-24M MS-24H	PRG	TRP7 TRP PER BTP

- RCD-DOF Internal DimOnOff light control system C/W antenna (software not included)
- HSS House side shield (internal, field installable)
- SGP Surge protector 10kV or 20kV
- PRG Programmable driver (consult factory for scenario options)
- MS-24X Motion sensor with Low, Medium and High range lens

- BTP Button type photocell
- TRP7 7 pins twist lock photocell receptacle (ANSI C136.41) C/W shorting cap
- TRP 7 pins twist lock photocell receptacle (ANSI C136.41) C/W photocell
- PER Twist lock photocell receptacle (ANSI C136.41)

Mounting arms

(Mandatory with fixture)

Construction

- Aluminum A356
- Aluminum A6063-T5
- Minimum wall thickness is 0.197" [5 mm]
- 2" [51 mm] x 4" [102 mm] extruded aluminum, welded to the anchor base

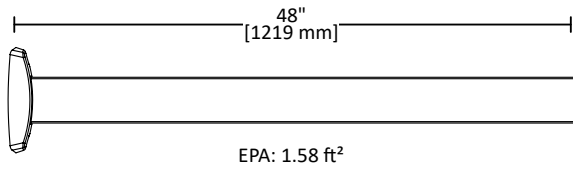
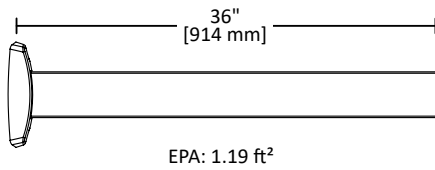
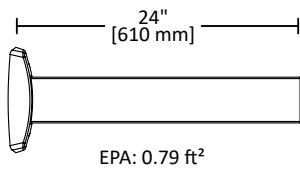
Finish

- **Plaforization** (All metallic parts are pretreated using an environmentally friendly organic phosphating technology)
- **Polyester powder coating**
- 100 microns minimal thickness finish
- Meet ASTM B117 standards
- Meet ASTM D2247 standards

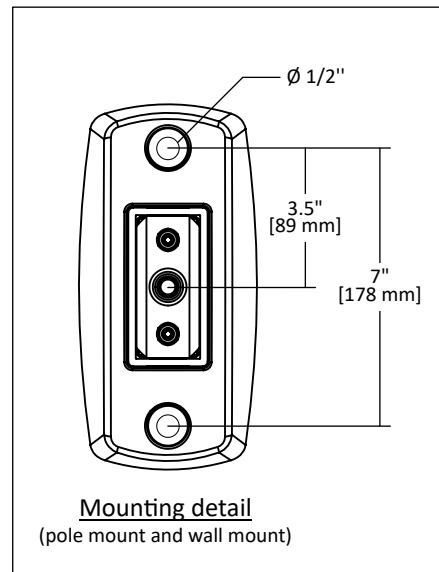
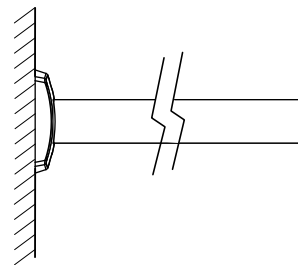
Mounting types

- LFX:**
- Fits on a $\varnothing 6"$ [152 mm] (LF6), $\varnothing 8"$ [203 mm] (LF8), $\varnothing 9"$ [229 mm] (LF9) O.D. rail pole
- PMX:**
- Fits on a $\varnothing 4"$ [102 mm] (PM4), $\varnothing 5"$ [127 mm] (PM5) O.D. round pole
- MA:**
- Wall mount (MA)

Pole mount



Wall mount



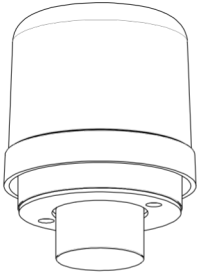
Mounting type	Product code	Length	Color
LF6 LF8 LF9 (Rail pole)	CF80	24	*see color chart*
PM4 PM5 (Round pole)		36	
MA (Wall mount)		48	

Code example: LF6-CF80-36 AG

LUMINAIRE OPTIONS

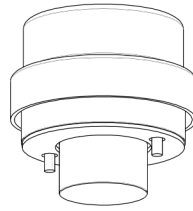
TRP

7 pins twist lock photocell receptacle C/W photocell.



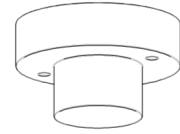
TRP7

7 pins twist lock photocell receptacle C/W shorting cap.



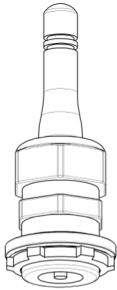
PER

Twist lock photocell receptacle only.



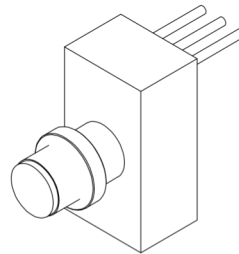
RCD-DOF

Remote controlled dimmer (Software not included).



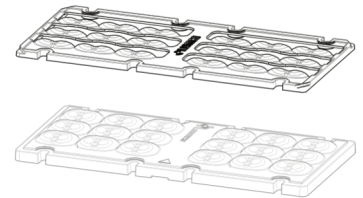
BTP

Button type photocell



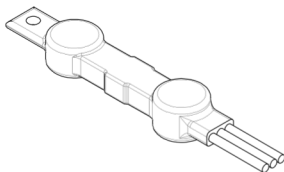
HSS

House side shield. (Directly mounted on optical lens)



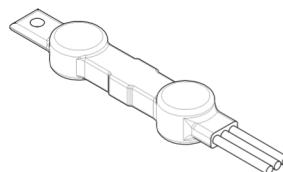
SGP-10

10 KV Surge protection
Also available SGP-10HV (for Hight voltage, 347-480V)



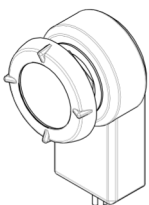
SGP-20

20 KV Surge protection
Also available SGP-20HV (for Hight voltage, 347-480V)



MS-24L

Title 24 Motion sensor C/W Low range lens.



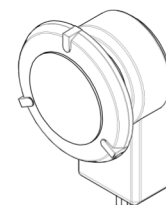
MS-24M

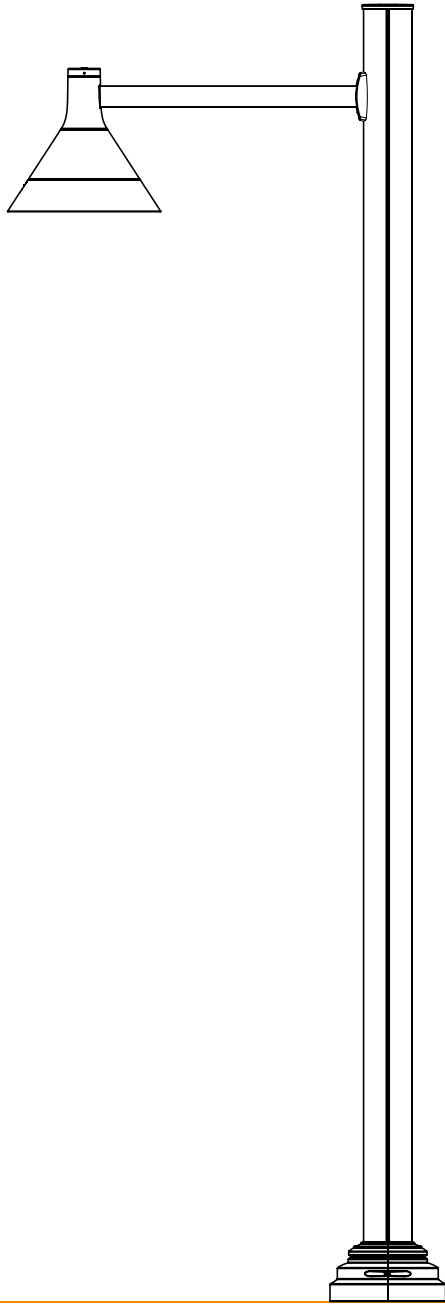
Title 24 Motion sensor C/W Medium range lens



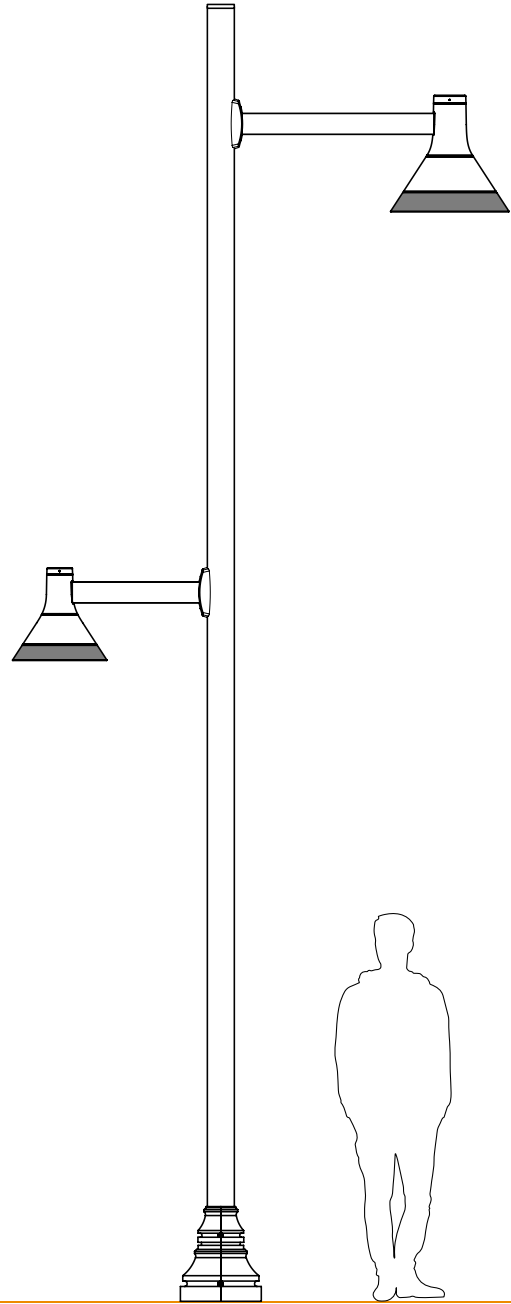
MS-24H

Title 24 Motion sensor C/W High rang lens





Luminaire: LIO-L SM-A
 Mounting arms (mandatory): LF9-CF80-48
 Pole: LF09-20
 Base cover: WB25-9B



Luminaire: LIO-M, LIO-S SM-A
 (Optional painted louver: LV-XX)
 Mounting arms (mandatory): PM5-CF80-36, PM5-CF80-24
 Pole: AP05-HD20
 Base cover: WB9-5