STARTEK
ARCHITECTURAL LIGHTING

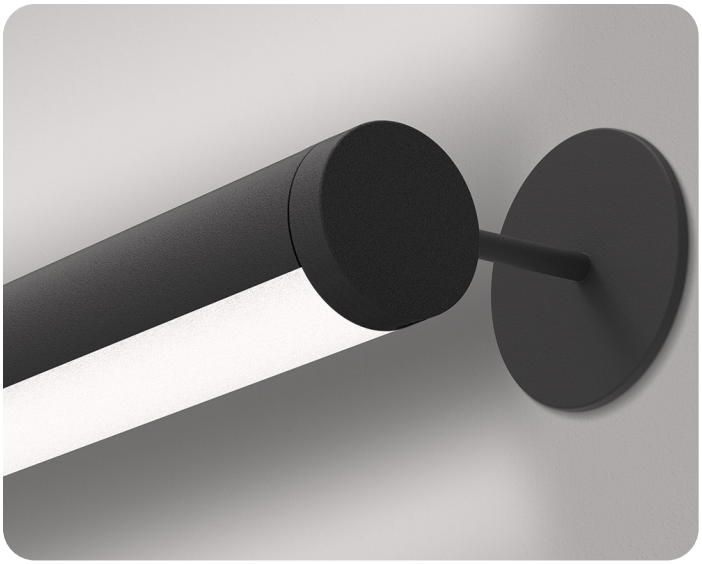
Rep/Agent		Type	
Project			
Order No.		Date	

Optimo Wall

Direct / Indirect

Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Any direct and indirect light combinations can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 140 lm/W



5 Year Warranty | BABA Compliant | BAA Compliant | Intertek | RoHS Compliant

Specifications

Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

Dimensions

- Nominal dimensions: 3.2" x 3.2"

Finish

- Powder coated
- Colors: White, Black, Silver or Premium Finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in $\frac{1}{16}$" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Lensing

- 0.060" thick impact resistant acrylic lens
- Soft diffuse direct lighting

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming (Integral) Driver

- Constant current programmable LED driver
- Output current: 0-10V, dim to 1% (UL listed, Class P)
- Ring wave surge protection: 2.5KV ring
- Power factor: >0.90

Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0–10V dimming.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty.

The information in this document is subject to change without notice.
Contact STARTEK for most up to date product details.

Ordering Logic

OPTDI-40-500-750-SD-BW-35K-80-PW-WM-U-1C-1EMB10

Series	Length	Direct Output[1]	Indirect Output[1]	Direct Distribution	Indirect Distribution
OPTDI				SD	
	XX - Run Length	**250 -** 250 LPF	**250 -** 250 LPF	**SD -** SatinIce Diffuse	**CL -** Clear Lens
	SXX - Symmetrical Run Length	**500 -** 500 LPF	**500 -** 500 LPF		**BW -** Batwing
		750 - 750 LPF	**750 -** 750 LPF		
		1000 - 1000 LPF	**1000 -** 1000 LPF		
		XXX - Custom LPF	**XXX -** Custom LPF		

CCT	CRI	Finish[3]	Mounting	Voltage	Circuiting
27K - 2700K	**80 -** 80 CRI	**Standard Powder Coat**	**WM -** Wall Mount	**U -** 120-277V	**1C -** Single Circuit
30K - 3000K	**90 -** 90 CRI (R9 50 min)	**PW -** White	**RWM -** Rotational Wall Mount	**C -** 347V	**2C -** Separate D/I Circuits[4]
35K - 3500K		**PB -** Black			**MC -** Multiple Circuits[5, 6]
40K - 4000K		**PS -** Silver			**DL -** Daylight Control[5, 7]
50K - 5000K		**Premium**			**NL -** Night Lights[5, 8]
TW - Tunable White[2] (2700K-6500K)		**RALXXXX -** Powder Coat Gloss Finish			
		PSFX - Premium Stock Finish			
		Custom Powder Coat			
		PO - Powder Other			

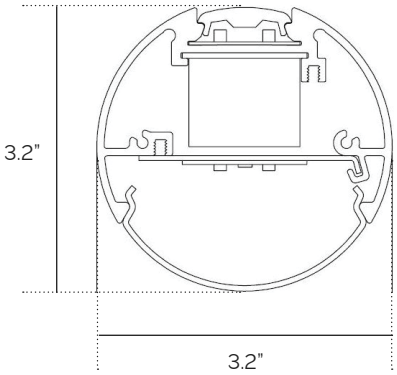
Emergency	Options	
BLANK - None	**Specialty Drivers[14]**	**Sensors**
EC - Emergency Circuit[9]	**DT1 -** eldoLED EcoDrive Dim to 1% (0-10V)	**DMXX% -** Daylight/Motion Sensor (XX%=% Min. Dimming)
#EMB6 - 6W EM Battery[10, 11]	**DTZ -** eldoLED SoloDrive Dim to 0.1% (0-10V)	**AWNR -** Lutron Athena Wireless Node (RF Only)[17]
#EMB10 - 10W EM Battery[10, 11]	**PSRD -** Philips Sensor Ready (DALI) Driver	
#FCEMB10 - 10W EM Battery[10, 12]	**LDE1 -** Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black	
#FCEMB14 - 14W EM Battery[10, 12]	**TW-A -** Tunable White, 0-10V[15]	
#GTD - Generator Transfer Device w/ ALCR[13]	**TW-EL -** eldoLED DUALdrive Tunable White (DALI)[15]	
	LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming[16]	

Ordering Notes

1. 200 LPF min. output / 1500 LPF max. output.
2. Tunable White Driver must be specified in options.
3. See page 3 for standard and premium options.
4. Separate D/I switched power and dimming (shared neutral).
5. Customer to specify number of zones and locations through factory submittal drawings.
6. Multiple low and line control zones.
7. Multiple low voltage control zones for daylight control.
8. Multiple unswitched wires for night light control zones.
9. Separate power, transfer devices provided by others.
10. '#' indicates number per run.
11. Provided by Iota/Bodine.
12. EM battery is factory choice.
13. Iota EDS-DR Emergency Control Device
14. Standard driver is 0-10V, dim to 1% output current.
15. 75 Watt Max. Dual driver required for higher fixture wattage.
16. 50 Watt Max. Dual driver required for higher fixture wattage.
17. Athena sensor matches finish for white and black fixtures.

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Dimensions



Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	4400	34	129
8'	8800	66	134

NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard



PW: White



PB: Black



PS: Silver

Premium Stock



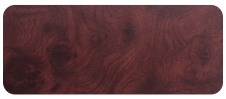
PSF001: Wood 1



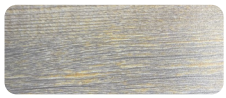
PSF002: Wood 2



PSF003: Wood 3



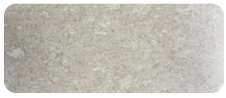
PSF004: Wood 4



PSF005: Wood 5



PSF006: Wood 6



PSF007: Stone 1



PSF008: Stone 2

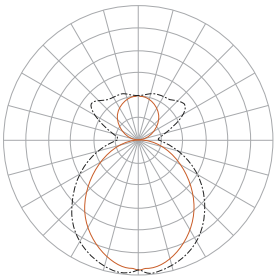


PSF009: Stone 3

NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

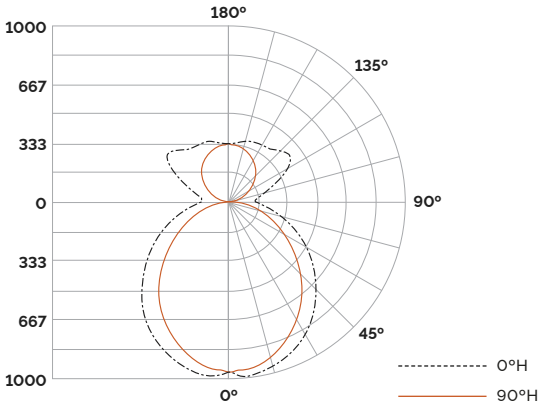
Distribution



Indirect: Batwing (BW)
Direct: SatinIce Diffuse (SD)

Performance

OPTDI-X-750-350-SD-BW (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4400	35	125
	8'	8800	68	130
3500K	4'	4400	34	129
	8'	8800	66	134
4000K	4'	4400	33	133
	8'	8800	64	138
5000K	4'	4400	32	137
	8'	8800	62	142

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Row Configurations

XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.
NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

Total Length (Feet)	# of Sections						
	2	3	4	5	6	7	8
2	1						
3		1					
4			1				
5				1			
6					1		
7						1	
8							1
9			1	1			
10			1		1		
11		1					1
12			1				1
13				1			1
14					1		1
15						1	1
16							2
17			1	1			1
18			1		1		1
19		1					2
20			1				2
21				1			2
22					1		2
23						1	2
24							3
25			1	1			2
26			1		1		2
27		1					3
28			1				3
29				1			3
30					1		3
31						1	3
32							4
33			1	1			3
34			1		1		3
35		1					4
36			1				4
37				1			4
38					1		4
39						1	4
40							5

SXX (Symmetric Run)

The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

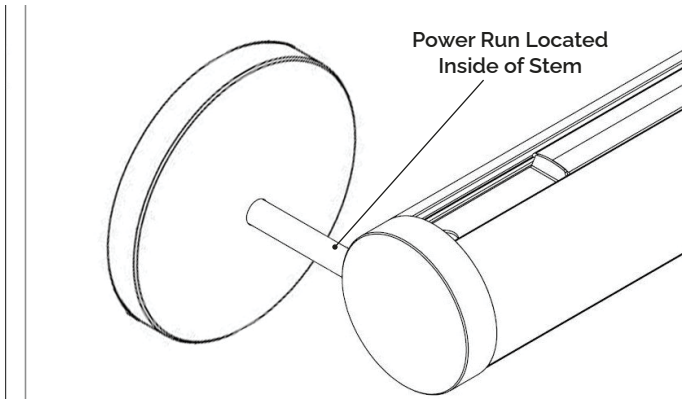
S12' (2')	2'	2'	2'	2'	2'	2'
S12' (3')	3'	3'	3'	3'		
S12' (4')	4'	4'	4'			
S12' (6')	6'	6'				

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Mounting

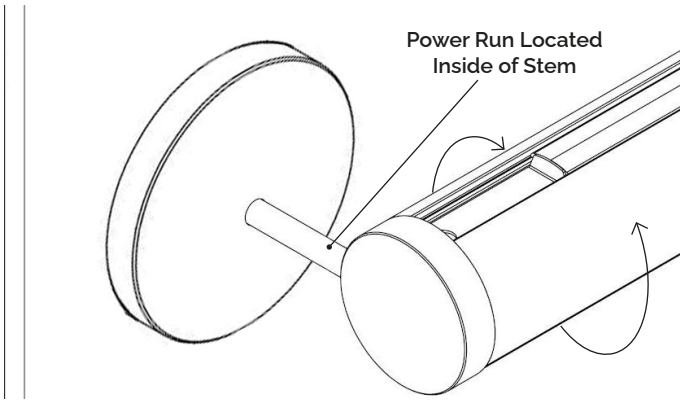
WM (Wall Mount)

Standard 3" stem length and up to 6" maximum.



RWM (Rotational Wall Mount)

Standard 3" stem length and up to 6" maximum.



Mounting Locations

Each starter or indivdual fixture will be provided with (2) mounting supports | Each additional fixture will be provided with 1 support located at the end of the fixture.
Examples of continuous run mounting locations are as follows:

12' Run	8'	4'	
16' Run	8'	8'	
20' Run	8'	8'	4'