

WALL / CEILING MOUNT  
LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

## SPECIFICATIONS

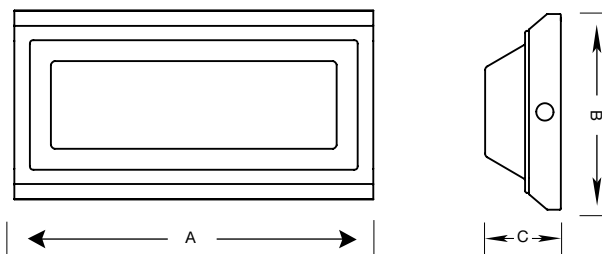
ADA Compliant



- Description** The Endeavor series is highly optimized for use in unattended stairwells by combining rugged vandal resistant construction with state-of-the-art sensor control. Included with integral occupancy sensor, the Endeavor is designed for rough environments including dormitory stairwells, hospital stairwells, hotel stairwells, and storage facilities.
- Housing** Die formed 18 gauge cold rolled zinc coated steel. Finished with electrostatically applied polyester powder coat.
- Lens** Injection molded UV stabilized polycarbonate with integral prisms and 1/8" minimum wall thickness. Secured to housing with 6 captive stainless steel TORX® head screws.
- Sensor** High-frequency electromagnetic wave sensor mounted behind lens.
- Drivers** Constant current driver, 120-277V, 347V optional.
- LED** Samsung LM561C series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 80 CRI wired in parallel-series. L<sub>70</sub> projected life of over 130,000 hours at 50°C. Tested in accordance with LM-80. Ten year warranty on LED boards against operational defects.
- Listings** U.L., C.U.L., Damp standard, Wet optional. Product listed on the DesignLights Consortium Qualified Products List. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) for listed configuration details.
- Lifetime Warranty** Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.

## DIMENSIONAL DATA

	A	B	C
ESF 18	18.00	9.5	3.75



## ORDERING INFORMATION

SERIES	LED	CCT	DRIVER	VOLTS	LENS	COLOR	OPTIONS		TX/SD
ESF 18 - 18"	30W	2700K	M7	120-277	CP	BLK	NO	EMB310	
ESF 18 - *PRD	50W	3000K	O/F	347	OP	WHT	PC	EMB125R	
	60W	3500K				BRZ	GLR	EMB250R	
		4000K				GRY	WET	EMB375R	
		5000K				CUST		ST/SC	

M7 = 0-10V dimming field adjustable 50%, 30%, 20%, or 10% output. (Standard)  
 O/F = All boards sensed on and off.

## OPTIONS

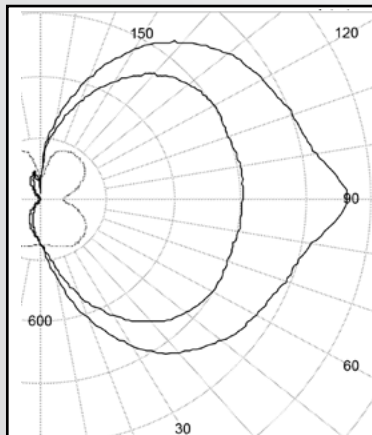
<b>LENS</b>	CP = Clear Prismatic	OP = Opal Optional			
<b>COLORS</b>	BLK = Black	WHT = White	BRZ = Bronze	GRY = Gray	CUST = Custom Color (Consult Factory)
<b>*PRD</b>	Programmable driver. When ordering, must specify Watts or Lumens. Consult factory for availability.				
<b>NO</b>	No occupancy sensor.				
<b>PC</b>	Photoelectric switch. Consult Factory.				
<b>GLR</b>	Fuse and fuse holder.				
<b>WET</b>	Neoprene gasketing as required for UL wet location listing with welded housing.				
<b>EMB310</b>	1,200 lumen self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Not available in 347V.				
<b>EMB125R</b>	Stand-alone inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F). Not available in 347V.				
<b>EMB250R</b>	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C(68°F) to 30°C (86°F). Not available in 347V.				
<b>EMB375R</b>	Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C(68°F) to 30°C (86°F). Not available in 347V.				
<b>ST/SC</b>	Slotted screws instead of TORX® head.				

## PHOTOMETRIC DATA

Model	Watts	Input Watts	Lens	Delivered Lumens					
				3000K	3500K	4000K	5000K		
ESF18	30W	30.37	CP	3167	3232	3288	3386		
ESF18	30W	30.37	OP	2264	2311	2351	2421		
ESF18	50W	50.44	CP	5178	5284	5390	5552		
ESF18	50W	50.44	OP	3703	3779	3855	3971		
ESF18	60W	60.81	CP	6399	6530	6660	6859		
ESF18	60W	60.81	OP	4575	4669	4762	4904		
ESF18	*PRD		Specify Wattage or Delivered Lumens in Ordering Information						

### MODEL ESF18-30W- 3500K-CP M7

Delivered Lumens: 3,232 Lumens



### IES FILE: ESF18-30W- 3500K-CP M7

Total Power: 28.42W

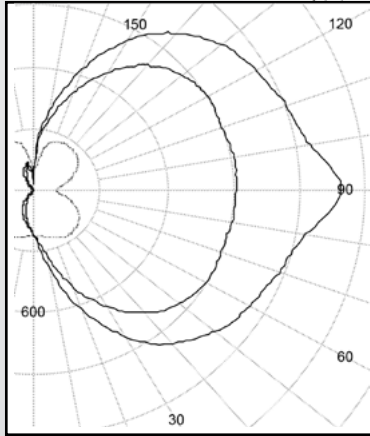
Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	207	6.4
0 - 40	381	11.8
0 - 60	847	26.3
60 - 90	760	23.6
0 - 90	1607	49.9
90 - 180	1616	50.1
0 - 180	3222	100.0

## PHOTOMETRIC DATA

### MODEL ESF18-50W- 3500K-CP MAX

Delivered Lumens: 5083 Lumens



### IES FILE: ESF18-50W- 3500K-CP MAX

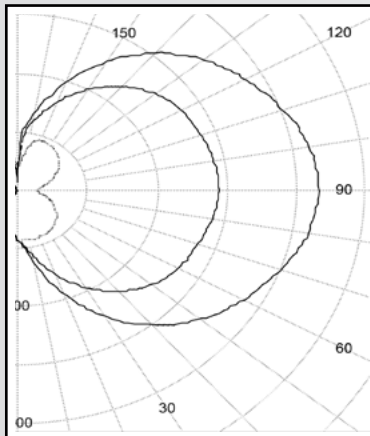
Total Power: 52.7W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	264	5.2
0 - 40	509	10.0
0 - 60	1213	23.9
60 - 90	1324	26.1
0 - 90	2538	49.9
90 -180	2546	50.1
0 - 180	5083	100.0

### MODEL ESF18-50W- 3500K-OP MAX

Delivered Lumens: 3982 Lumens



### IES FILE: ESF18-50W- 3500K-OP MAX

Total Power: 52.4W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	217	5.4
0 - 40	402	10.1
0 - 60	932	23.4
60 - 90	1045	26.2
0 - 90	1977	49.6
90 -180	2005	50.4
0 - 180	3982	100.0



## MOUNTING DETAILS

