FWW LED WIDE WRAP
COMMERCIAL

ILP
407-478-3759
www.ilp-inc.com

FEATURES

- Wide & Sleek Design w/ 13" Width
- Molded Endcap
- 4ft & 8ft Available
- 2,200 – 8,000 Lumens
- 3500K, 4000K &5000K CCT
- 0-10V 120-277V Dimmable Driver
- Frosted Impact Resistant Lens
- Sensor Options
- 5 Year Warranty
- ETL Damp Location Listed
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

- Education
- Hospitals
- Offices
- Hallways
- Working Station Task Lighting
- Multipurpose

LED SYSTEMS INFO

		22L	25L	30L	40L		40L	50L	60L	80L
Calculated L_{70} (TM-21)	**4FT**	>100K	>100K	>100K	>100K	**8FT**	>100K	>100K	>100K	>100K
Delivered Lumens		2,227 lm	2,437 lm	2,988 lm	3,945 lm		4,071 lm	5,048 lm	5,975 lm	7,891 lm
Total Input Watts		18 W	20 W	25 W	35 W		31 W	39 W	49 W	70 W
Luminaire Efficacy Rating (LER)		124 lm/W	122 lm/W	122 lm/W	113 lm/W		132 lm/W	129 lm/W	122 lm/W	113 lm/W
Correlated Color Temperature (CCT)		4000K	4000K	4000K	4000K		4000K	4000K	4000K	4000K
Color Rendering Index (CRI)		>80	>80	>80	>80		>80	>80	>80	>80
Ambient Temperature Range		-4˚F-114˚F	-4˚F-114˚F	-4˚F-114˚F	-4˚F-114˚F		-4˚F-114˚F	-4˚F-114˚F	-4˚F-114˚F	-4˚F-114˚F
Universal Driver		120-277 V	120-277 V	120-277 V	120-277 V		120-277 V	120-277 V	120-277 V	120-277 V
Replaces Existing		1T8	2T8	2T8	3T8		2T8	2T8 / 2T12	2T5HO	2T12HO

LED System data above based on FWW42240-01, FWW42540-01, FWW43040-01, FWW44040-01, FWW84040-01, FWW85040-01, FWW86040-01, & FWW88040-01.
LED Lumen maintenance estimates on TM-21 projections for the light source at 25˚C ambient.

ORDERING GUIDE:

Series	Lumens	CCT	Gen	Options	
FWW4 - 4ft	**22** - 2200 Lumens	**50**	☑ **01**	**USBD***	User Selectable Bi-Level Dimming Sensor
	25 - 2500 Lumens	**40**		**BDxx***	Preset Bi-Level Dim Sensor (xx=% e.g. 20, 30)
	30 - 3000 Lumens	**35**		**BDxxPC***	Preset Bi-Level Dim Sensor w/ Photocell (xx=% e.g. 20, 30)
	40 - 4000 Lumens			**MWS**	Bi-Level Dimming Microwave Sensor
				FIOS*	On/Off Occupancy Sensor
FWW8 - 8ft	**40** - 4000 Lumens			**FIOSPC***	On/Off Occupancy Sensor w/ Photocell
	50 - 5000 Lumens			**FIOSPC/DLH***	On/Off Occupancy Sensor w/ Photocell & Daylight Harvesting
	60 - 6000 Lumens			**CORDx**	Cord (x=ft)
	80 - 8000 Lumens			**WHIPx**	Flexible Conduit Whip (x=ft)
				RACEWAY/3WIRE**	3 Wire Raceway Wiring Harness
				RACEWAY/5WIRE**	5 Wire Raceway Wiring Harness
				HB-XX-18Y-PAD	Y-Toggle Cable System (xx=inches)
				EM5	Factory Installed 5W LED Battery Backup
				EM5/HE	Factory Installed 5W LED Battery Backup - CEC Title 20 Compliant
				EM7	Factory Installed 7W LED Battery Backup
				EM7/HE	Factory Installed 7W LED Battery Backup - CEC Title 20 Compliant
				EM10	Factory Installed 10W LED Battery Backup
				EM10/HE	Factory Installed 10W LED Battery Backup - CEC Title 20 Compliant
				EM10/HE-SD	10W Factory Installed Self Diagnostic Battery Backup
				EM12	Factory Installed 12W LED Battery Backup
				SD347†	347V Step Down Transformer
				SD480†	480V Step Down Transformer

* End Mount Sensor
** Used for Continuous Wiring through Fixture
† Option Not DLC Listed

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CONTROL OPTIONS

BASIC

FIOS

Standard on/off motion sensor. Comes with 360 degree high bay lens, 360 degree low bay lens & aisle lens. 360 degree high bay lens factory installed, unless notified otherwise. Sensor mounted off end cap of fixture. Inquire for mounting on center of driver cover.

FIOSPC

Motion sensor with the addition of photocell control. When installed, fixture will not activate unless 1. motion is detected and 2. light levels are below the preset level. When activated, fixture will turn on to 100% light output & will only shut off when one of the two levels mentioned above are met. If no motion is detected & light levels fall below preset level the fixture remains off. Sensor mounted off end cap of fixture.

FIOSPC/DLH

Factory installed motion sensor with the addition of photocell control that will allow for daylight harvesting. When installed, fixture will not activate unless 1. motion is detected & 2. light levels are below the preset level. When activated, fixture will turn on only enough to meet the preset light levels and will adjust as the amount of light in the space adjusts between 100%-10%. If light levels are adequate the fixture will remain off. Sensor mounted off end cap of fixture.

USBD

User Selectable Bi-Level Dimming. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off end cap of fixture.

BDxx

Factory set Bi-Level Dimming. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied. Example: BD20 sets the fixture to dim down to 20% lumen output when the area is unoccupied. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off end cap of fixture.

BDxxPC

Factory set Bi-Level Dimming with motion and photocell. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied and will not return to 100% light output unless 1. motion is detected and 2. the light level is below the preset level. Example: BD20PC sets the fixture to dim down to 20% lumen output when the area is unoccupied and will not return to 100% light output unless the above conditions are met for both motion and light level readings. Sensor mounted off end cap of fixture.
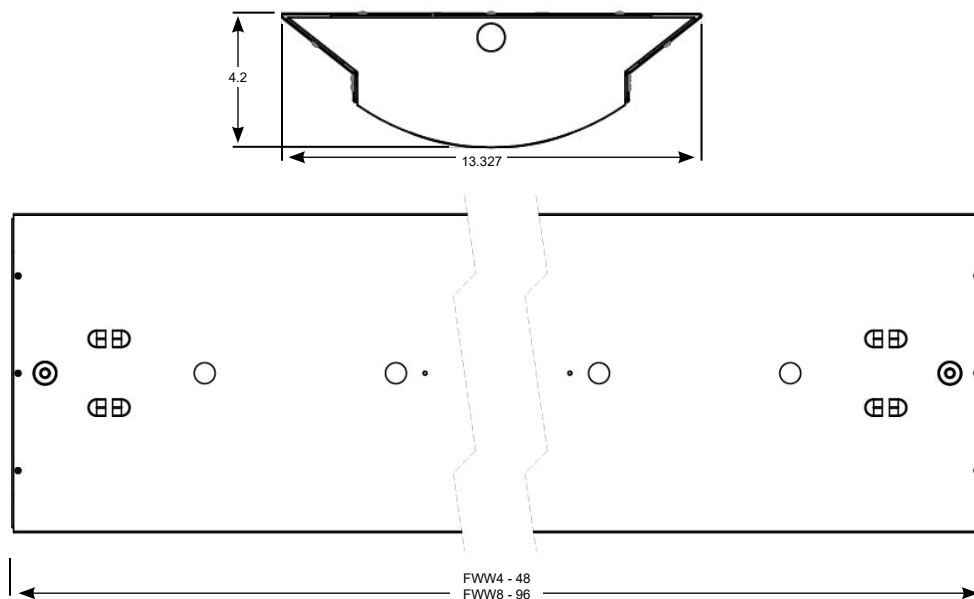
MWS

Standard on/off wet location rated microwave occupancy sensor. Sensor installed on LED gear tray behind lens.
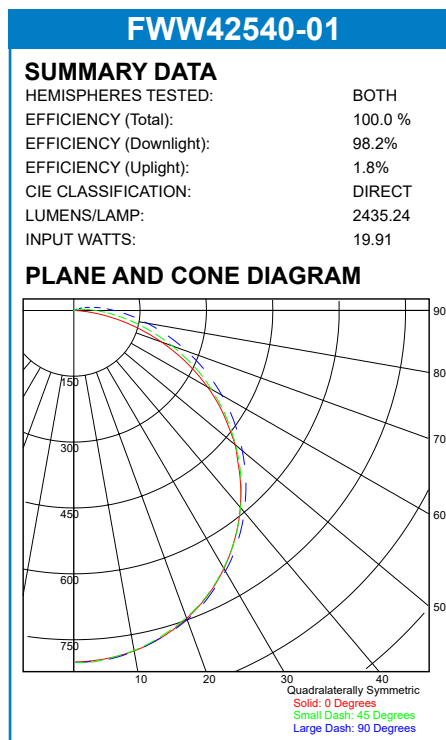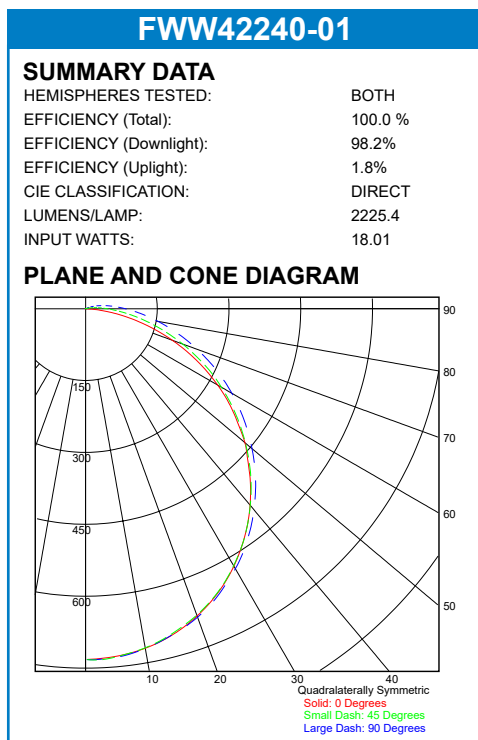
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LINE DRAWINGS

4.2

13.327

FWW4 - 48
FWW8 - 96

PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FWW42240-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2225.4
INPUT WATTS:	18.01

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees

FWW42540-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2435.24
INPUT WATTS:	19.91

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees

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PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FWW43040-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2985.842
INPUT WATTS:	24.52

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees
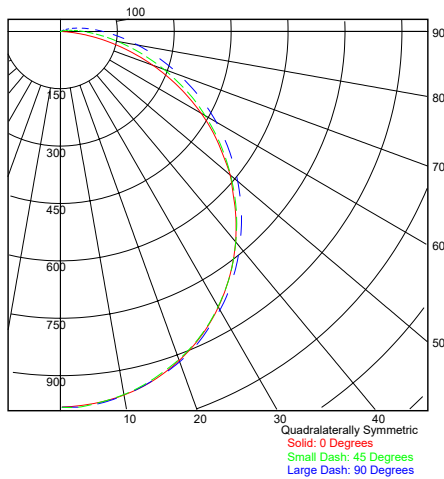
FWW44040-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3942.153
INPUT WATTS:	34.84

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees
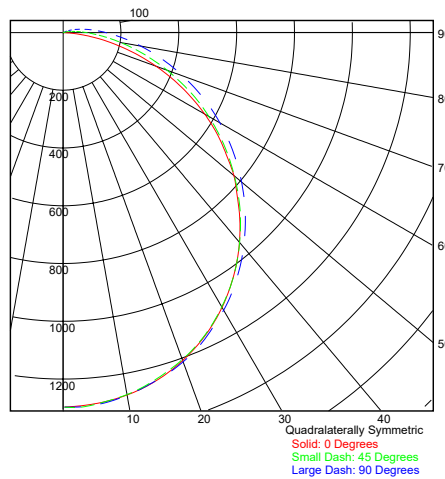
FWW84040-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4068.062
INPUT WATTS:	30.73

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees
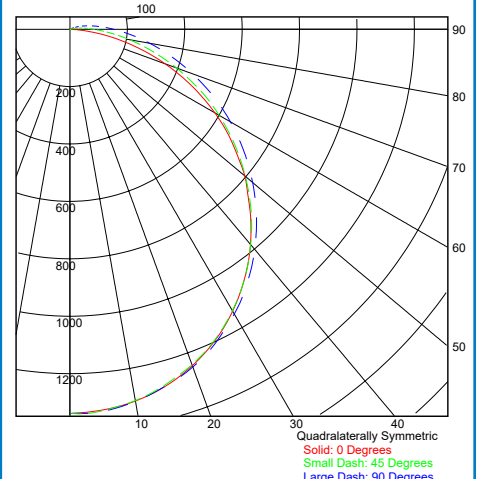
FWW85040-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	5044.358
INPUT WATTS:	39.23

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees
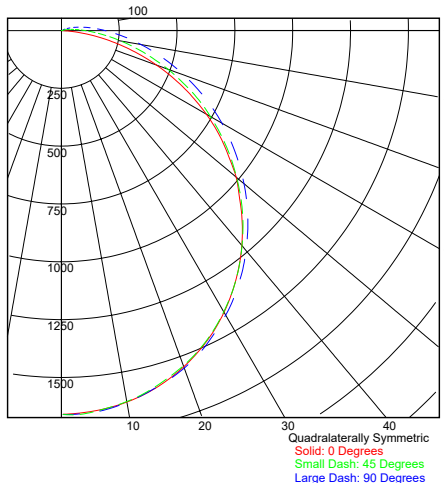
FWW86040-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	5970.691
INPUT WATTS:	49.05

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees
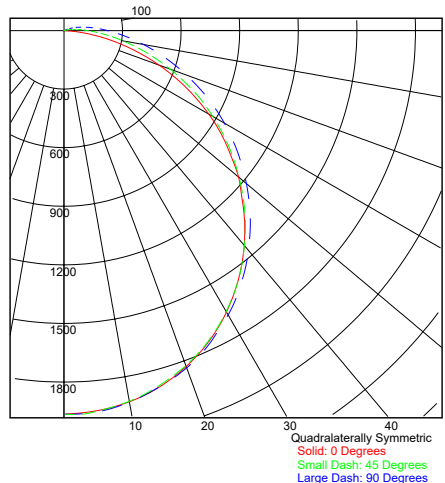
FWW88040-01

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	98.2%
EFFICIENCY (Uplight):	1.8%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	7885.311
INPUT WATTS:	69.68

PLANE AND CONE DIAGRAM

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees