



## LLW Linear Wrap

### HIGHLIGHTS

- Ideal replacement for less efficient fluorescent wrap fixtures
- Perfect for lower traffic areas
- Internal back-up battery field install accessory available
- 2' and 4' versions
- PowerSet feature allows for multiple lumen stops out of the box
- FieldCCeT features provides multiple color temperature settings in one fixture

### CERTIFICATIONS

- UL listed for US & Canada
- ETL Listed for US & Canada
- RoHS Compliant
- FCC Compliant
- Damp Location Rated
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

### PERFORMANCE

- High Efficacy, up to 115 lm/W
- Available in fixed wattage models: 20W, 32W, 40W or 48W and PowerSet models: power-selectable 24/20/16W or 48/40/32W
- Available in single CCT models: 4000K or FieldCCeT models: field-selectable CCT 35/40/5000K
- CRI: >80
- Rated lifetime L70: 50,000 hours

### ELECTRICAL

- Input voltage: 120-277V, 120-347V
- 12V Output: 200mA (on available models, see page 2)
- Power Factor: >0.9
- THD: <10%

### THERMAL

- -4°F to 122°F (-20°C to 50°C) ambient operating temperature

### CONSTRUCTION

- Durable steel body construction with white powder coat finish
- Polycarbonate lens

### WARRANTY

- 5 Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |



LLW2



LLW4



### APPLICATIONS

- Classroom
- Meeting rooms
- Office
- Library
- Retail
- Reception/Lobby

## KEY FEATURES

### BACK-UP BATTERY

Internal back-up battery field install accessory available

### MULTIPLE LUMEN OPTIONS

PowerSet feature allows for multiple lumen stops out of the box

### MULTIPLE COLOR TEMPS

FieldCCeT features provides multiple color temperature settings in one fixture

INTERNAL BACK-UP  
BATTERY FIELD INSTALL  
ACCESSORY AVAILABLE

POWERSSET FEATURE ALLOWS  
FOR MULTIPLE LUMEN STOPS  
OUT OF THE BOX

FIELDCCET FEATURES  
PROVIDES MULTIPLE  
COLOR TEMPERATURE  
SETTINGS IN ONE FIXTURE

AVAILABLE MODELS

| ORDER | ORDER CODE | ITEM #              | SIZE | WATTS     | CCT*        | LUMENS            | EFFICACY (lm/W) | CRI | VOLTAGE  | 12V OUTPUT | DIMMING | DLC      |
|-------|------------|---------------------|------|-----------|-------------|-------------------|-----------------|-----|----------|------------|---------|----------|
|       |            |                     |      |           |             |                   |                 |     |          |            |         | STANDARD |
|       | 12577      | LLW2/20W/8FCCT/UD   | 2'   | 20W       | 35/40/5000K | 2300 lm           | 115 lm/W        | >80 | 120-277V | 200mA      | 0-10V   | S-N9HWZ0 |
|       | 12578      | LLW2/PS24/8FCCT/HD  | 2'   | 24/20/16W | 35/40/5000K | 2760/2300/1840 lm | 115 lm/W        | >80 | 120-347V | n/a        | 0-10V   | S-0SWDME |
|       | 12580      | LLW4/40W/8FCCT/UD   | 4'   | 40W       | 35/40/5000K | 4600 lm           | 115 lm/W        | >80 | 120-277V | 200mA      | 0-10V   | S-XIR2HQ |
|       | 12581      | LLW4/48W/8FCCT/UD   | 4'   | 48W       | 35/40/5000K | 5520 lm           | 115 lm/W        | >80 | 120-277V | 200mA      | 0-10V   | S-OWCHR3 |
|       | 11443      | LLW4-368-32W-840-HD | 4'   | 32W       | 4000K       | 3680 lm           | 115 lm/W        | >80 | 120-347V | n/a        | 0-10V   | PNIX397A |
|       | 12579      | LLW4/32W/8FCCT/UD   | 4'   | 32W       | 35/40/5000K | 3680 lm           | 115 lm/W        | >80 | 120-277V | 200mA      | 0-10V   | S-NTV8YP |
|       | 11444      | LLW4-460-40W-840-HD | 4'   | 40W       | 4000K       | 4600 lm           | 115 lm/W        | >80 | 120-347V | n/a        | 0-10V   | PDJFW878 |
|       | 11445      | LLW4-552-48W-840-HD | 4'   | 48W       | 4000K       | 5520 lm           | 115 lm/W        | >80 | 120-347V | n/a        | 0-10V   | P67LU7LR |
|       | 12582      | LLW4/PS48/8FCCT/HD  | 4'   | 48/40/32W | 35/40/5000K | 5520/4600/3680 lm | 115 lm/W        | >80 | 120-347V | n/a        | 0-10V   | S-7T8SAB |

\*Ships at 4000K

| MODEL CONFIGURATOR |      |   |       |   |         |   |                 |
|--------------------|------|---|-------|---|---------|---|-----------------|
| MODEL              | SIZE | - | WATTS | - | CRI/CCT | - | VOLTAGE/DIMMING |
| LLW                |      | - |       | - |         | - |                 |

EXAMPLE PART NUMBER: LLW4/32W/8FCCT/UD

BATTERY BACKUPS

| ORDER | ORDER CODE | ITEM #       | DESCRIPTION                                                                                      |
|-------|------------|--------------|--------------------------------------------------------------------------------------------------|
|       | 10918      | EEBN08WUA050 | EiKO Emergency Battery Kit Internal 8W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.  |
|       | 10896      | EEBN15WUA050 | EiKO Emergency Battery Kit Internal 15W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only  |
|       | 10897      | EEBN20WUA050 | EiKO Emergency Battery Kit Internal 20W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only. |

\* **WARNING:** Battery is only compatible with 120-277V version. Contact EiKO for 347V battery backup options.

CONTROLS & SENSORS

| ORDER                                         | ORDER CODE | ITEM #          | DESCRIPTION                                                                                                                                                                                          |
|-----------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STANDALONE CONTROLS                           |            |                 |                                                                                                                                                                                                      |
| PIR SENSORS                                   |            |                 |                                                                                                                                                                                                      |
|                                               | 13861      | SEN5A-SPPR-WH** | Stand-alone PIR Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.<br><b>Note:</b> Note: Swivel mount adapter required: SENA-AP-WH       |
|                                               | 13342      | SEN5A-SZPR-WH** | Stand-alone PIR Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT.<br><b>Note:</b> Note: Swivel mount adapter required: SENA-AZ-WH                    |
| MICROWAVE SENSORS*                            |            |                 |                                                                                                                                                                                                      |
|                                               | 313895     | MS1-DHR-KO-1    | Stand-alone Microwave Motion Sensor, 120-277V, IP65, 1/2" knock-out, 0-10V, Ambient Threshold, 48ft, Parameters set by RC01.<br><b>Note:</b> Swivel mount adaptor required: SENA-AZ-WH.              |
|                                               | 12150      | SEN/M/S1C/KO    | Stand-alone Microwave Motion Sensor, 120-277V, IP65 1/2" knock-out, 0-10V, Ambient Threshold, Parameters set by SEN-S1-RC3.                                                                          |
|                                               | 13341      | SEN5A-SZMR-WH** | Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT.<br><b>Note:</b> Swivel mount adapter required: SENA-AZ-WH.                   |
|                                               | 13859      | SEN5A-SPMR-WH** | Stand-alone Microwave Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.<br><b>Note:</b> Note: Swivel mount adapter required: SENA-AP-WH |
| REMOTES FOR COMMISSIONING STANDALONE CONTROLS |            |                 |                                                                                                                                                                                                      |
|                                               | 13344      | SEN5A-ACT       | Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3 (Backward compatible with SEN5A/CT and RC-100).                                                                              |
|                                               | 313897     | RC01            | Commissioning Tool for MS1-DHR-SA-4, MS1-DHR-KO-1, MS1-DHR-KO-4.                                                                                                                                     |
|                                               | 10917      | SEN-S1-RC3      | Commissioning Tool for SEN/M/S1C/KO.                                                                                                                                                                 |

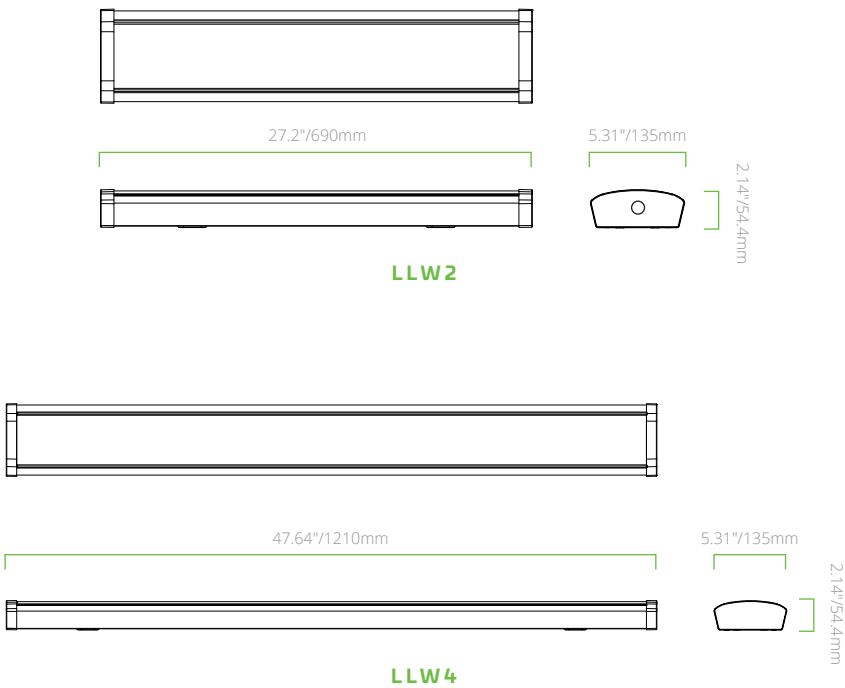
\* Microwave sensors must be installed on stable and immovable fixtures to avoid false activation from swinging.

CONTROLS & SENSORS CONT'D

| NETWORKED LIGHTING CONTROLS (NLC) |       |                          |                                                                                                                                                                     |
|-----------------------------------|-------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SENSOR AND CONTROLLER             |       |                          |                                                                                                                                                                     |
|                                   | 13246 | SENA-WZPA-WH**           | BLE PIR Motion sensor, 12-24V,IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvair App.<br><b>Note: Swivel mount adapter required: SENA-AZ-WH</b> |
|                                   | 12643 | PSC-ZKV-WCM-100-BLE-SR** | BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvair App.<br><b>Note: Swivel mount adapter required: SENA-AZ-WH</b>                |
| WALL OR WIRELESS CONTROLLERS      |       |                          |                                                                                                                                                                     |
|                                   | 12654 | ESRPB-W-EO               | BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.                                                                 |
|                                   | 12655 | EDRPB-W-EO               | BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.                                                                 |
|                                   | 12635 | PSC-DM-WS-100-BLE-SR     | BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvair App.                                                               |
|                                   | 12636 | PSC-DM-I-WS-100-BLE-SR   | BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvair App.                                              |
|                                   | 12637 | PSC-DM-WS-400-BLE-SR     | BLE TruBlu 120-277V, Single Gang 4-Button Wall Controller, White, Parameters set by Silvair App.                                                                    |
| ADAPTERS & ACCESSORIES            |       |                          |                                                                                                                                                                     |
|                                   | 14431 | SENA-AP-WH               | Screw-In IP65 White Stem Swivel Mounting bracket, 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple)                                                  |
|                                   | 13343 | SENA-AZ-WH               | Z10 White Stem Swivel Mount bracket 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple)<br>Optional(4:Brown)                                           |

\*\* Only Compatible with fixture that has 12VDC 200mA Auxiliary power Models

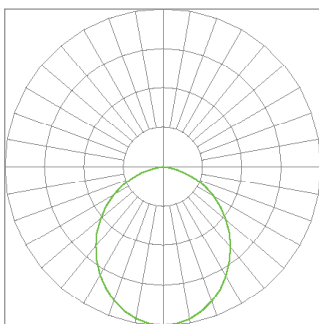
PRODUCT DIMENSIONS



# PHOTOMETRICS

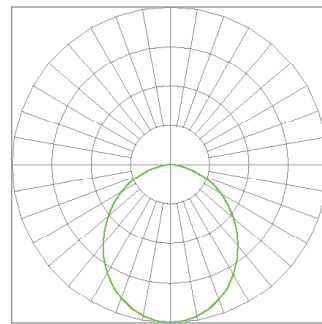
**LLW4 32W** (Typical performance @ 4000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 1047.74 | 29.00    |
| 0-40                | 1679.64 | 46.50    |
| 0-60                | 2854.18 | 79.10    |
| 0-80                | 3497.67 | 96.90    |
| 0-90                | 3582.53 | 99.30    |
| 60-80               | 643.49  | 17.80    |
| 70-80               | 236.18  | 6.50     |
| 80-90               | 84.86   | 2.40     |
| 0-180               | 3609.26 | 100.00   |



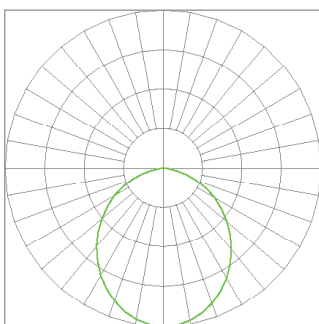
**LLW4 40W** (Typical performance @ 4000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 1336.16 | 29.00    |
| 0-40                | 2142.69 | 46.50    |
| 0-60                | 3643.04 | 79.10    |
| 0-80                | 4466.13 | 96.90    |
| 0-90                | 4573.43 | 99.30    |
| 60-80               | 823.08  | 17.90    |
| 70-80               | 302.21  | 6.60     |
| 80-90               | 107.30  | 2.30     |
| 0-180               | 4607.07 | 100.00   |



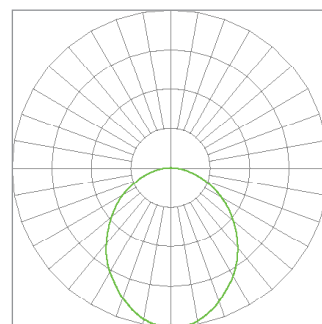
**LLW4 48W** (Typical performance @ 4000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 1577.18 | 29.00    |
| 0-40                | 2528.31 | 46.60    |
| 0-60                | 4295.46 | 79.10    |
| 0-80                | 5261.31 | 96.90    |
| 0-90                | 5386.00 | 99.20    |
| 60-80               | 965.85  | 17.80    |
| 70-80               | 353.81  | 6.50     |
| 80-90               | 124.69  | 2.30     |
| 0-180               | 5430.69 | 100.00   |



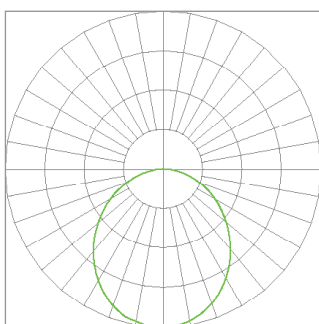
**LLW2 20W** (Typical performance @ 5000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 706.99  | 28.80    |
| 0-40                | 1134.82 | 46.20    |
| 0-60                | 1931.05 | 78.60    |
| 0-80                | 2365.67 | 96.30    |
| 0-90                | 2426.63 | 98.80    |
| 60-80               | 434.62  | 17.70    |
| 70-80               | 161.64  | 6.60     |
| 80-90               | 60.97   | 2.50     |
| 0-180               | 2457.13 | 100.00   |



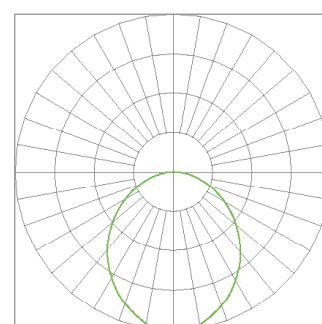
**LLW4 32W** (Typical performance @ 5000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 848.54  | 29.20    |
| 0-40                | 1360.44 | 46.80    |
| 0-60                | 2305.29 | 79.20    |
| 0-80                | 2811.15 | 96.60    |
| 0-90                | 2878.83 | 98.90    |
| 60-80               | 505.86  | 17.40    |
| 70-80               | 186.57  | 6.40     |
| 80-90               | 67.68   | 2.30     |
| 0-180               | 2909.69 | 100.00   |



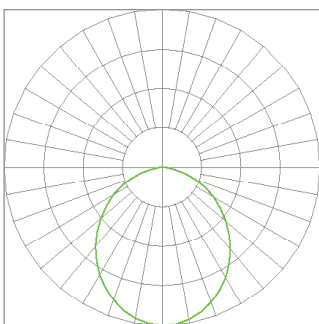
**LLW4 40W** (Typical performance @ 5000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 1554.65 | 27.90    |
| 0-40                | 2517.56 | 45.20    |
| 0-60                | 4355.33 | 78.10    |
| 0-80                | 5391.06 | 96.70    |
| 0-90                | 5524.97 | 99.10    |
| 60-80               | 1035.72 | 18.60    |
| 70-80               | 385.01  | 6.90     |
| 80-90               | 133.92  | 2.40     |
| 0-180               | 5575.14 | 100.00   |



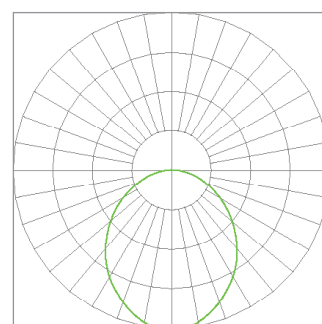
**LLW4 48W** (Typical performance @ 5000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 848.54  | 29.20    |
| 0-40                | 1360.44 | 46.80    |
| 0-60                | 2305.29 | 79.20    |
| 0-80                | 2811.15 | 96.60    |
| 0-90                | 2878.83 | 98.90    |
| 60-80               | 505.86  | 17.40    |
| 70-80               | 186.57  | 6.40     |
| 80-90               | 67.68   | 2.30     |
| 0-180               | 2909.69 | 100.00   |



**LLW4 PS24** (Typical performance @ 24W, 5000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 1554.65 | 27.90    |
| 0-40                | 2517.56 | 45.20    |
| 0-60                | 4355.33 | 78.10    |
| 0-80                | 5391.06 | 96.70    |
| 0-90                | 5524.97 | 99.10    |
| 60-80               | 1035.72 | 18.60    |
| 70-80               | 385.01  | 6.90     |
| 80-90               | 133.92  | 2.40     |
| 0-180               | 5575.14 | 100.00   |



**LLW4 PS24** (Typical performance @ 24W, 5000K)

| ZONAL LUMEN SUMMARY |         |          |
|---------------------|---------|----------|
| ZONE                | LUMENS  | %FIXTURE |
| 0-30                | 1554.65 | 27.90    |
| 0-40                | 2517.56 | 45.20    |
| 0-60                | 4355.33 | 78.10    |
| 0-80                | 5391.06 | 96.70    |
| 0-90                | 5524.97 | 99.10    |
| 60-80               | 1035.72 | 18.60    |
| 70-80               | 385.01  | 6.90     |
| 80-90               | 133.92  | 2.40     |
| 0-180               | 5575.14 | 100.00   |

