

|               |              |       |
|---------------|--------------|-------|
| Project Name: | Part Number: | Type: |
|---------------|--------------|-------|

# LARGE AREA LIGHT - 270W & 375W

## OUTDOOR



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

### FEATURES

- Bronze die-cast aluminum housing
- Custom and factory select colors available (Contact factory for pricing)
- Type II, III, IV, & VS optics available
- Toolless hinged drop down driver access
- Universal Pole Mounting Bracket (UPMB) or Fixed Arm (ARM6-S) (std.)
- Swappable driver cover
- IP66 Rated
- 3000K, 4000K, & 5000K CCT
- 0-10V Dimmable Driver
- Dark Sky Compliant<sup>1,2</sup>
- 5 Year Warranty
- DesignLights Consortium® Premium Qualified Luminaire

<sup>1</sup>3000K is IDA Listed

<sup>2</sup>Must select UPMB, ARM6, LARGE-WMB or HTMA mounting options to qualify



### SUITABLE APPLICATIONS

- Parking Lots
- Car Dealerships
- Roadways
- Shopping Centers

| LED SYSTEMS INFO                   |              |              |              |              |      |              |              |              |              |
|------------------------------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|
|                                    | T2           | T3           | T4           | T5S          |      | T2           | T3           | T4           | T5S          |
| Calculated L <sub>70</sub> (TM-21) | >100K        | >100K        | >100K        | >100K        | 270W | >100K        | >100K        | >100K        | >100K        |
| Calculated L <sub>90</sub>         | 49K          | 49K          | 49K          | 49K          |      | 50K          | 50K          | 50K          | 50K          |
| Delivered Lumens                   | 40,931 lm    | 40,700 lm    | 38,833 lm    | 40,533 lm    |      | 52,279 lm    | 52,079 lm    | 50,677 lm    | 51,865 lm    |
| Total Input Watts                  | 271W         | 271W         | 270W         | 271W         |      | 382W         | 383W         | 383W         | 383W         |
| Luminaire Efficacy Rating (LER)    | 151 lm/W     | 150 lm/W     | 144 lm/W     | 150 lm/W     |      | 137 lm/W     | 136 lm/W     | 132 lm/W     | 136 lm/W     |
| Correlated Color Temperature (CCT) | 4000K        | 4000K        | 4000K        | 4000K        |      | 4000K        | 4000K        | 4000K        | 4000K        |
| Color Rendering Index (CRI)        | >70          | >70          | >70          | >70          |      | >70          | >70          | >70          | >70          |
| BUG Rating                         | B4-U0-G4     | B4-U0-G4     | B4-U0-G5     | B5-U0-G5     |      | B5-U0-G5     | B4-U0-G5     | B4-U0-G5     | B5-U0-G4     |
| Ambient Temperature Range          | -40°F- 128°F | -40°F- 128°F | -40°F- 128°F | -40°F- 128°F |      | -40°F- 111°F | -40°F- 111°F | -40°F- 111°F | -40°F- 111°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    |
|                                    |              |              |              |              | 375W |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
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|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |
|                                    |              |              |              |              |      |              |              |              |              |

LED System data above based on AL-270W-U-40-T2, AL-270W-U-40-T3, AL-270W-U-40-T4, AL-270W-U-40-T5S, AL-375W-U-40-T2, AL-375W-U-40-T3, AL-375W-U-40-T4 & AL-375W-U-40-T5S  
LED Lumen maintenance estimates based on TM-21 projections for the light source at 25° C ambient.

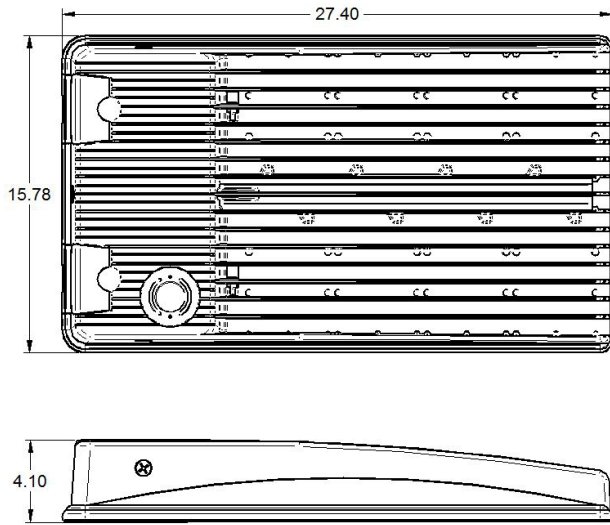
### ORDERING GUIDE:

| Series           | Watts | Driver             | Color | Optics | Options   |                                                               |
|------------------|-------|--------------------|-------|--------|-----------|---------------------------------------------------------------|
| AL LG Area Light | 270W  | U 120-277V Driver  | 50    | T2     | HSS*      | House Side Shield (Excludes T5S)                              |
|                  | 375W  | HV 347-480V Driver | 40    | T3     | GS        | Glare Shield                                                  |
|                  |       |                    | 30    | T4     | TPS/L     | Tamperproof Screws Latches Only                               |
|                  |       |                    |       | T5S    | TPS/FF    | Tamperproof Screws Full Fixture                               |
|                  |       |                    |       |        | WLOS      | Wet Location Rated Occupancy Sensor                           |
|                  |       |                    |       |        | USBD      | User Select Bi-Level Din w/ Occ. Sensor                       |
|                  |       |                    |       |        | BDxx      | Preset Bi-Level Dim Sensor (xx=% eg. 20, 30)                  |
|                  |       |                    |       |        | BDxxPC    | Preset Bi-Level Dim Sensor w/ Photocell (xx=% eg. 20, 30)     |
|                  |       |                    |       |        | FSIR/100  | Remote Configuration Tool (WLOS, USB, BDxx & BDxxPC)          |
|                  |       |                    |       |        | TLPC      | Twist lock receptacle w/ field installed photocell            |
|                  |       |                    |       |        | TLPC/480V | Twist lock receptacle w/ field installed 347-480VAC photocell |
|                  |       |                    |       |        | 7PIN/PC/R | 7 pin twist lock receptacle w/ field installed photocell      |
|                  |       |                    |       |        | SMLxxxx   | Specified Max Lumen Output (xxxx = lumen output)              |
|                  |       |                    |       |        | UPMB      | Universal Pole Mounting Bracket                               |
|                  |       |                    |       |        | UPMB/R    | Universal Pole Mounting Bracket w/ Round Pole Adapter 4"- 5"  |
|                  |       |                    |       |        | ARM6-S    | 6" Straight Arm Adaptor for Square Pole                       |
|                  |       |                    |       |        | ARM6-Rx   | 6" Straight Arm Adaptor for Round Pole (x = diameter)         |
|                  |       |                    |       |        | LARGE-WMB | Large Wall Mount Bracket                                      |
|                  |       |                    |       |        | AL-SLPF   | Adjustable Slip Fitter                                        |
|                  |       |                    |       |        | FUSE/SXXX | Single-line Voltage Fuse (120, 277, 347)                      |
|                  |       |                    |       |        | FUSE/DXXX | Dual-line Voltage Fuse (208, 240, 480)                        |
|                  |       |                    |       |        | SP1       | 10kA Max Univolt Surge Protector                              |
|                  |       |                    |       |        | SP2       | 22kA Max Univolt Surge Protector                              |
|                  |       |                    |       |        | SP480V2   | 20kA Max 480V Surge Protector                                 |
|                  |       |                    |       |        | SD480V    | 480V Step Down Transformer (Excludes 375W)                    |
|                  |       |                    |       |        | SD347V    | 347V Step Down Transformer (Excludes 375W)                    |

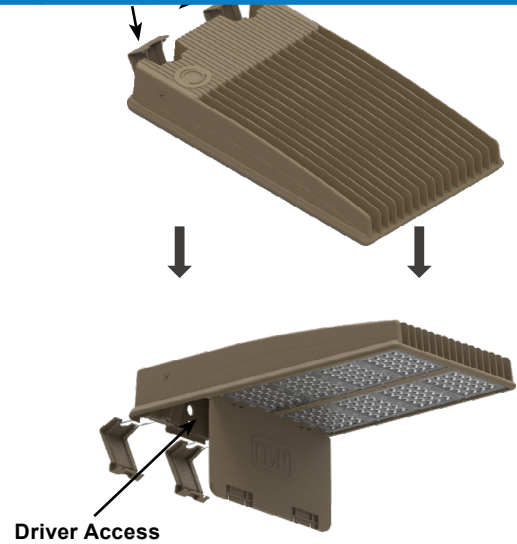
# LARGE AREA LIGHT - 270W & 375W

## OUTDOOR

### LINE DRAWING



### TOOLLESS DRIVER ACCESS



### MOUNTING OPTIONS

- **UPMB** - Universal Pole Mounting Bracket
- **UPMB/R** - Universal Pole Mounting Bracket (Compatible with 4-5" diameter poles)
- **ARM6-S** - 6" Straight Arm Adaptor For Square Pole
- **ARM6-Rx** - 6" Straight Arm Adaptor For Round Pole ( $x = \emptyset$ ) (Specify diameter, compatible with 2-1/2"-6" Diameter poles)
- **LARGE WMB** - Wall Mount Bracket
- **AL-SLPF\*** - Adjustable Slip Fitter
- **HTMA** - Horizontal Tenon Mount Adaptor

\*MAX TILT 70° FROM HORIZONTAL PLANE

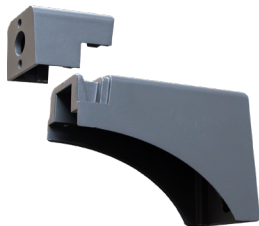
#### EPA RATINGS

|                | ARM6-S   | UPMB     | HTMA     | AL-SLPF  |
|----------------|----------|----------|----------|----------|
| AL-270W & 375W | 1.03 ft² | 1.17 ft² | 0.98 ft² | 1.10 ft² |

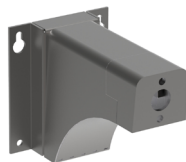
#### WEIGHT

40.00 LB

\* EPA Ratings listed assume fixture is mounted horizontally. For adjustable mounting options, EPA will vary with selected angle.



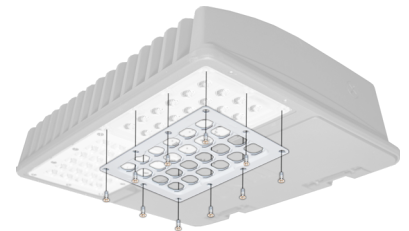
UPMB



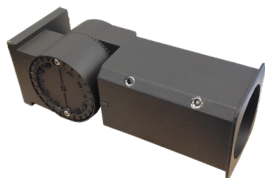
LARGE WMB



ARM6-S  
(Available for Square or Round Pole)



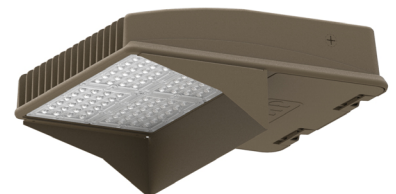
HSS  
(House Side Shield)



AL-SLPF



HTMA

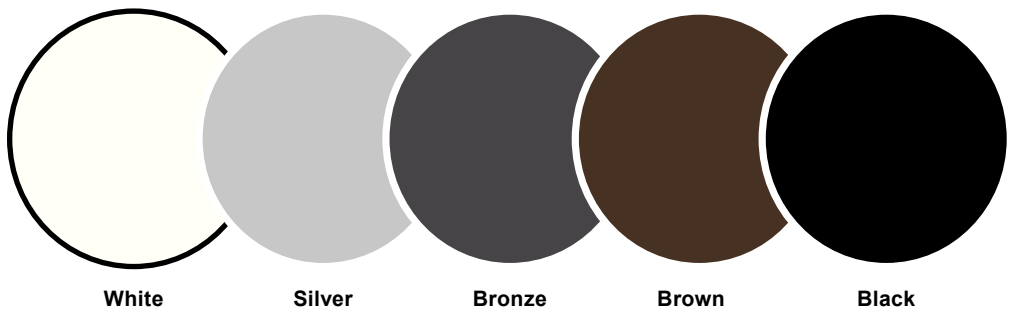


GS  
(Glare Shield)

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## OUTDOOR

### FACTORY SELECT COLOR GUIDE



| COLOR NAME AND DESCRIPTION                                                                                      | SHEEN      | PRODUCT  | VENDOR           | PRICING                     |
|-----------------------------------------------------------------------------------------------------------------|------------|----------|------------------|-----------------------------|
| WHT - ILP White                                                                                                 | SEMI GLOSS | POLANE T | SHERWIN-WILLIAMS | Contact Factory for Pricing |
| SLV - ILP Silver - Ultrasonic Chrome                                                                            | GLOSS      | POLANE T | SHERWIN-WILLIAMS | Contact Factory for Pricing |
| BRZ - ILP Bronze - std. & in stock                                                                              | SEMI GLOSS | POLANE T | SHERWIN-WILLIAMS | Standard                    |
| BRN - ILP Brown                                                                                                 | SEMI GLOSS | POLANE T | SHERWIN-WILLIAMS | Contact Factory for Pricing |
| BLK - ILP Black                                                                                                 | SEMI GLOSS | POLANE T | SHERWIN-WILLIAMS | Contact Factory for Pricing |
| COLORS SHOWN ABOVE ARE TO BE USED AS REFERENCE, NOT EXACT MATCH.<br>PLEASE REQUEST PAINT CHIPS FOR EXACT MATCH. |            |          |                  |                             |

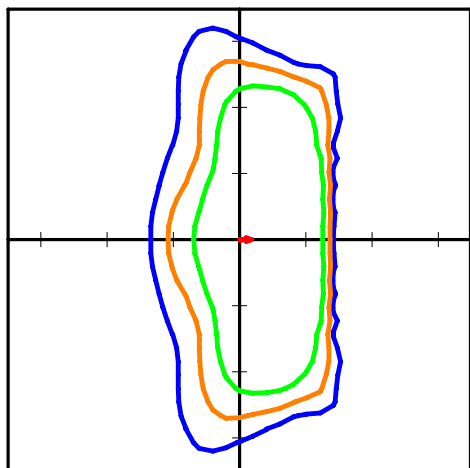
# LARGE AREA LIGHT - 270W & 375W

## OUTDOOR

### PHOTOMETRIC REPORTS

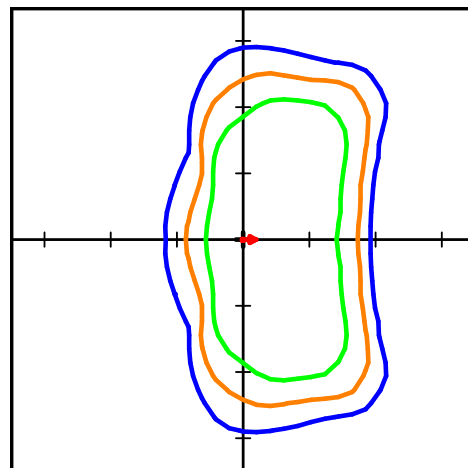
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at [www.ilp-inc.com](http://www.ilp-inc.com)  
Blue = 2 fc, Orange = 1 fc, & Green = .5 fc

AL-270W-U-40-T2



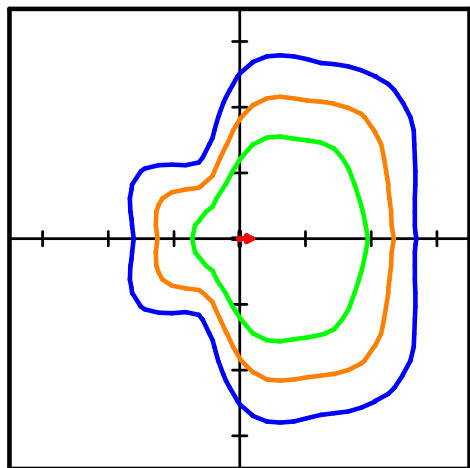
Horizontal Footcandles  
Scale: 1 inch = 20ft  
Luminaire Lumens = 40930  
Mounting Height = 30.00 Ft  
Maximum Calculated Value = 7.53 Fc

AL-270W-U-40-T3



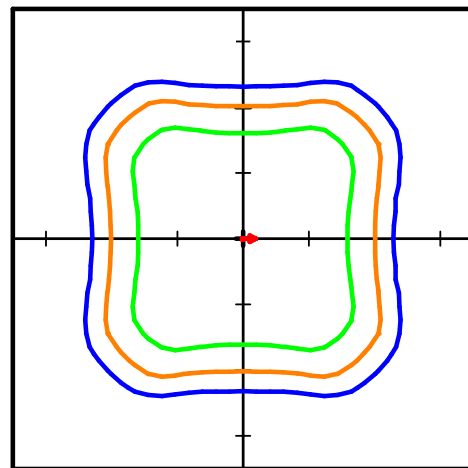
Horizontal Footcandles  
Scale: 1 inch = 30ft  
Luminaire Lumens = 40520  
Mounting Height = 30.00 Ft  
Maximum Calculated Value = 7.22 Fc

AL-270W-U-40-T4



Horizontal Footcandles  
Scale: 1 inch = 30ft  
Luminaire Lumens = 38832  
Mounting Height = 30.00 Ft  
Maximum Calculated Value = 7.22 Fc

AL-270W-U-40-T5S



Horizontal Footcandles  
Scale: 1 inch = 30ft  
Luminaire Lumens = 40313  
Mounting Height = 30.00 Ft  
Maximum Calculated Value = 3.99 Fc

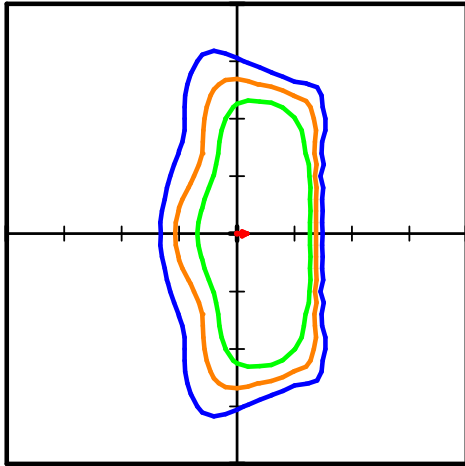
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## OUTDOOR

### PHOTOMETRIC REPORTS

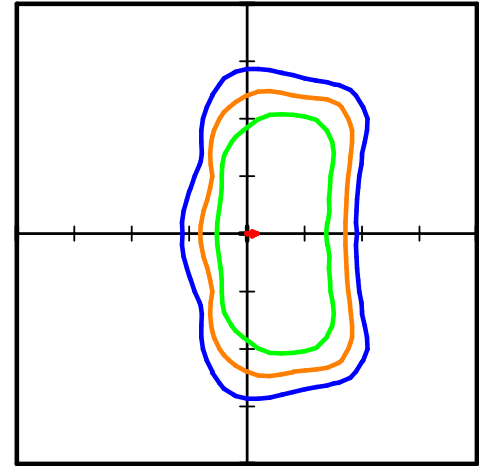
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at [www.ilp-inc.com](http://www.ilp-inc.com)  
Blue = .5 fc, Orange = 1 fc, & Green = 2 fc

AL-375W-U-40-T2



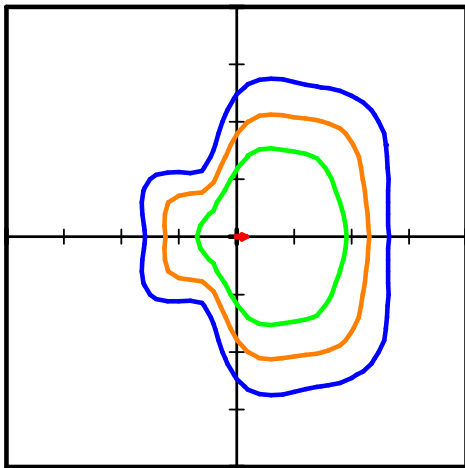
Horizontal Footcandles  
Scale: 1 inch = 40ft  
Luminaire Lumens = 52278  
Mounting Height = 35.00 Ft  
Maximum Calculated Value = 7.01 Fc

AL-375W-U-40-T3



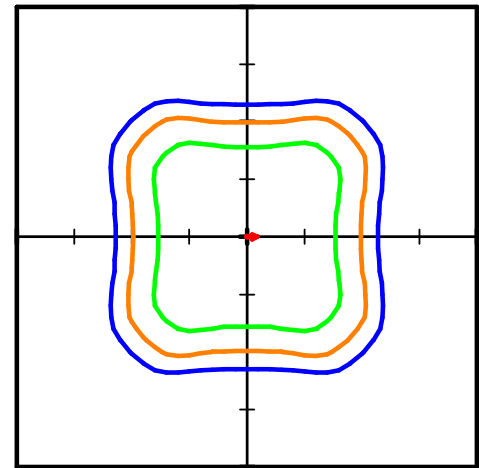
Horizontal Footcandles  
Scale: 1 inch = 40ft  
Luminaire Lumens = 52158  
Mounting Height = 35.00 Ft  
Maximum Calculated Value = 7.18 Fc

AL-375W-U-40-T4



Horizontal Footcandles  
Scale: 1 inch = 40ft  
Luminaire Lumens = 50676  
Mounting Height = 35.00 Ft  
Maximum Calculated Value = 6.91 Fc

AL-375W-U-40-T5S



Horizontal Footcandles  
Scale: 1 inch = 40ft  
Luminaire Lumens = 51861  
Mounting Height = 35.00 Ft  
Maximum Calculated Value = 3.78 Fc