

## HIGH OUTPUT FLOOD LIGHTS

### StaxMAX™ Series



Fixture shown with High Bay Bracket



Fixture shown with Arch Yoke Bracket



Fixture shown with Arch Yoke Bracket

Dimensional Drawings on page 4



### PRODUCT DESCRIPTION:

Ideal for car dealerships, sports parks, golf driving ranges, facades, general area and high bay appliance, the StaxMAX™ is a unique and flexible system, comprised of self-contained modular elements, allowing variability in both lumen output and light distributions. The StaxMAX™ can be specified in one-, two- or three- 180 watt module configuration where each module can have a different optical distribution. In total, the StaxMAX™ is capable of replacing up to 1000W metal halide fixtures.

### FEATURES:

- Modular housing design – up to three modules can be combined
- Each StaxMAX™ flood fixture module can be configured with either narrow (22°), medium (55°) or wide optics (120°)
- Discreet J-Box on each frame enables easy field install
- > 60,000 hour life (L70)
- Multiple circuits on each module guard against full module light outage
- 4Kv driver integral surge protection standard; 20KV surge protection available
- 10 year warranty
- Suitable for natatorium environment

### CONSTRUCTION:

- Die cast aluminium body with heat sinking across the full module, enabling a long fixture life
- Stainless steel bushing and adjustment plates
- Tempered glass lens
- Polished and plated optical reflectors
- 6'-18/3 shielded power feed cord included standard
- Yoke mount includes 270° pivot base plate and integrated arm with side protractor for field aiming
- Aluminum Ø3.2" Pole Tenon Slipfitter Mount [Requires a 5.5-6" Tenon]

### WARRANTY:

10-year standard warranty with labor allowance\* (further details available at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))

\*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated ≤ 16 hrs; in ambient of -29F to 104F.

\*Up to \$25/unit; labor allowances of up to \$500/unit available for purchase – contact MaxLite representative for details.

| MODEL SELECTION         |                                                                                                                         |                                                          |                                                                                          | Typical order example: ELLF180DW50 |                                                |                                                                                |                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------|
| ELLF                    |                                                                                                                         |                                                          |                                                                                          | 50                                 |                                                |                                                                                |                                                         |
| FAMILY                  | POWER, EQUIVALENCY                                                                                                      | VOLTAGE                                                  | DISTRIBUTION                                                                             | CCT                                | MOUNTING BRACKET                               | FINISH                                                                         | OPTIONS                                                 |
| ELLF= High Output Flood | <b>180=</b> 180W, 400W MH equivalent<br><b>360=</b> 360W, 750W PSMH equivalent<br><b>540=</b> 540W, 1000W MH equivalent | <b>D=</b> 120-277V, 0-10V dimmable<br><b>4=</b> 347-480V | <b>N=</b> Narrow 22°<br><b>M=</b> Medium 55°<br><b>W=</b> Wide 120°<br><b>1C=</b> Custom | <b>50=</b> 5000K                   | <b>(OMIT)=</b> Arch Yoke<br><b>H=</b> High Bay | <b>(OMIT)=</b> Gray, RAL 7045 (Std)<br>Contact Maxlite for additional finishes | <b>(OMIT)=</b> None<br><b>2E=</b> NEMA 3-pin receptacle |

1) See APS312 in Replacement parts table for more information. NEMA Twist-Lock photocontrol sold separately.

| ACCESSORIES |              |                                                                            |                                                                                     |
|-------------|--------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ORDER CODE  | MODEL NUMBER | DESCRIPTION                                                                | ACCESSORIES IMAGE                                                                   |
| 72881       | PTMB         | Pole Tenon Mount bracket (To be used with High bay mount kit bracket only) |  |
| 96375       | PTMBC        | 3-5/16" Cap For Pole Tenon Mount Bracket                                   |  |
| 72055       | 6390LBK      | NEMA twist-lock photocontrol 120-277V                                      |  |
| 1408292     | 6394LL       | NEMA twist-lock photocontrol 347V-480V                                     |  |
| 96268       | MLRTLPCRSP   | Shorting cap photocontrol 3PIN NEMA twist-lock photocontrol                |  |

| REPLACEMENT PARTS |              |                                                                                                  |                                                                                      |
|-------------------|--------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| ORDER CODE        | MODEL NUMBER | DESCRIPTION                                                                                      | ACCESSORIES IMAGE                                                                    |
| 72975             | EF1MKITH     | High bay mount, Single module                                                                    |   |
| 72976             | EF1MKITH     | High bay mount, Double module                                                                    |                                                                                      |
| 72977             | EF3MKITH     | High bay mount, Triple module                                                                    |                                                                                      |
| 74671             | APS312       | Photocontrol Receptacle with an adjustable bracket, 20KV Surge Suppressor and a 3 ft 14 AWG whip |  |

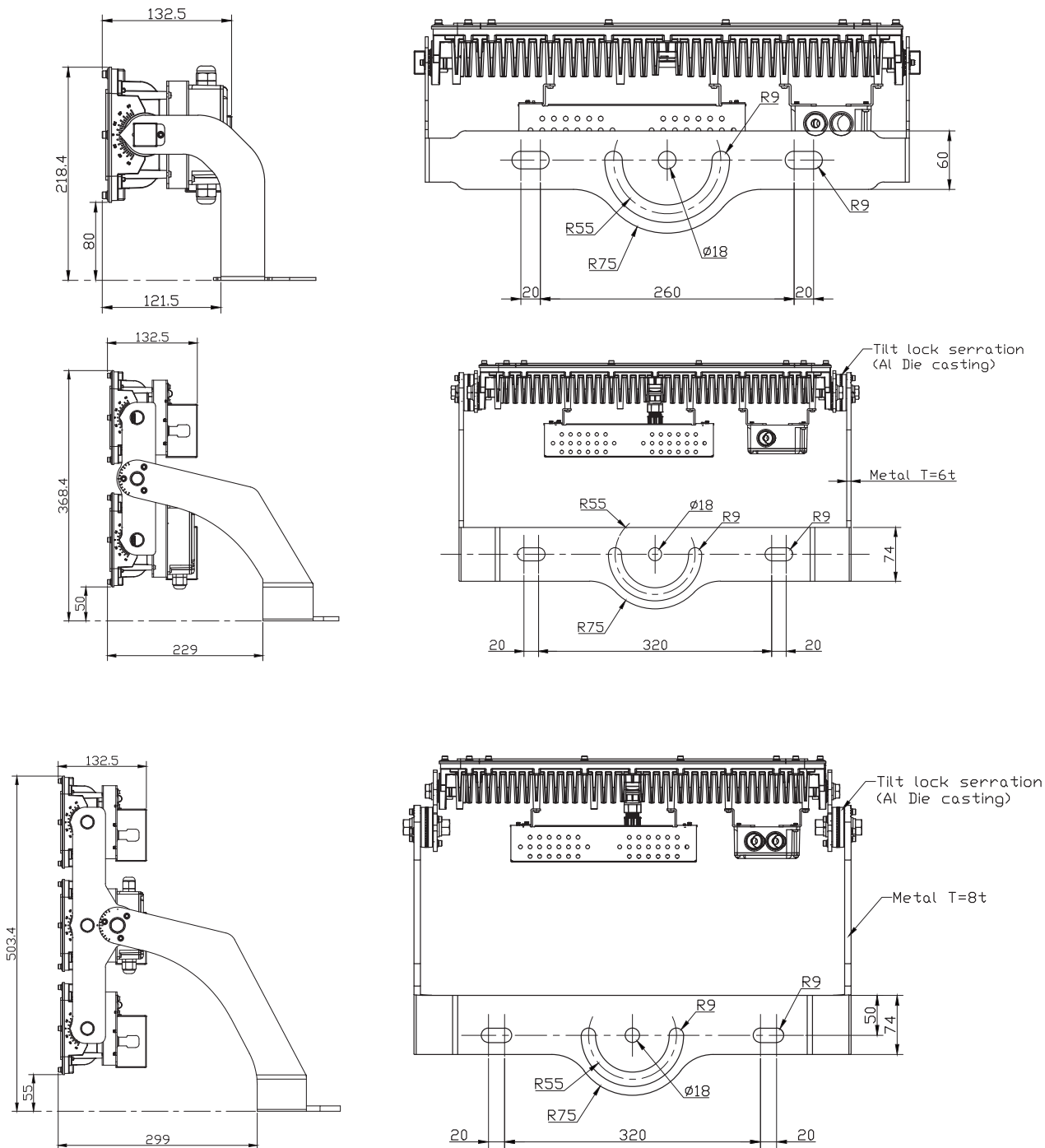
## SPECIFICATIONS:

|                     |                           | ELLF180XXX                                                                   | ELLF360XXX            | ELLF540XXX            |
|---------------------|---------------------------|------------------------------------------------------------------------------|-----------------------|-----------------------|
| ITEM                | SPECIFICATION             | DETAILS                                                                      |                       |                       |
| GENERAL PERFORMANCE | Color Temperature (CCT)   | 5000K                                                                        |                       |                       |
|                     | CRI                       | 76                                                                           |                       |                       |
|                     | Lumens Delivered (lm)     | Up to 18,970                                                                 | Up to 37,940          | Up to 56,910          |
|                     | Efficacy (lm/W)           | 96 to 105                                                                    | 95 to 105             | 96 to 105             |
|                     | L70 lifetime @ 25°C       | > 60,000 Hours                                                               |                       |                       |
| ELECTRICAL          | Power Consumption         | 180W                                                                         | 360W                  | 540W                  |
|                     | Power Factor              | >0.9                                                                         |                       |                       |
|                     | Input Voltage             | 120V-277V, 347V-480V                                                         |                       |                       |
| PHYSICAL            | Dimensions (H" x W" x L") | 7.4" x 21.4" x 21.1"                                                         | 14.5" x 20.4" x 20.4" | 19.6" x 21.1" x 21.1" |
|                     | EPA                       | 0.9 sq. ft                                                                   | 1.8 sq. ft            | 2.7 sq. ft            |
|                     | Weight                    | 14 lbs                                                                       | 26 lbs                | 37 lbs                |
|                     | Housing                   | Die cast aluminum with powder coat paint                                     |                       |                       |
|                     | Mounting                  | Module is trunnion mounted to carriage with 270 degree pivoting bolt pattern |                       |                       |
|                     | Max. Ambient Temperature  | -40°C to 55°C (-40°F - 131°F)                                                |                       |                       |
| QUALIFICATION       | Qualification             | DLC 4.1 Standard, cULus, FCC                                                 |                       |                       |
|                     | Material Usage            | RoHS compliant; no mercury                                                   |                       |                       |
|                     | Environment               | IP66                                                                         |                       |                       |
|                     | Humidity                  | 5% - 90% RH, non condensing                                                  |                       |                       |
|                     | Warranty                  | 10 year warranty*                                                            |                       |                       |

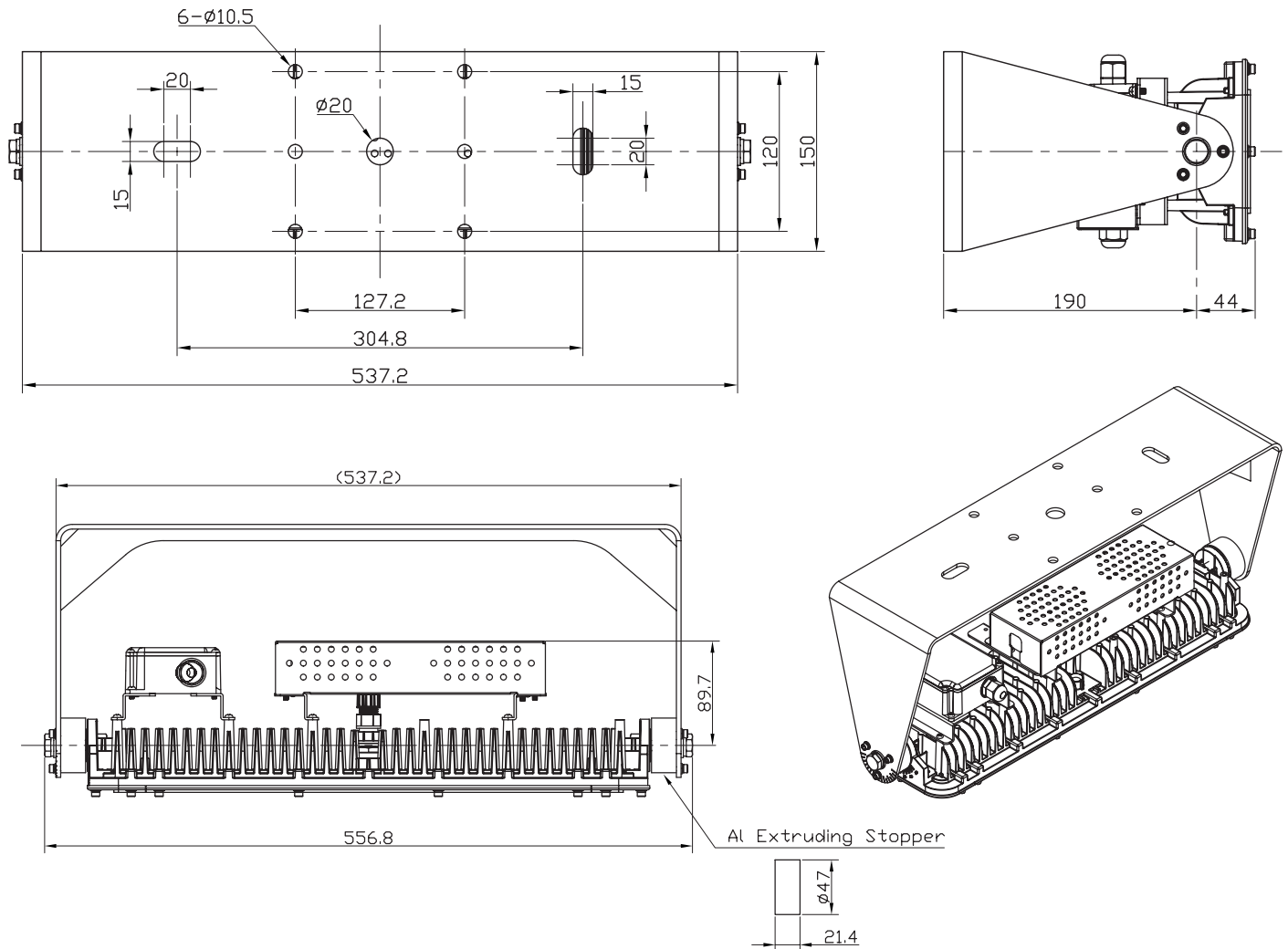
## DIMENSIONAL DRAWINGS:

\*All measurements are in millimeter

### YOKE MOUNT DETAILS



## HIGH BAY MOUNT DETAILS



## POLE TENON DETAILS

