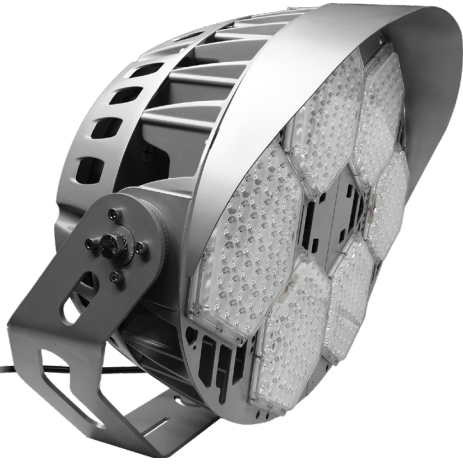


# LED Stadium Eyes Light Series

Wattages: 400W, 600W



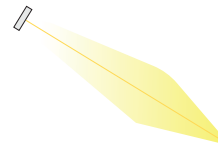
The Stadium Eyes LED Lighting Series can be widely used for Indoor or Outdoor (Wet Location) Excellent for Large outdoor fields -stadiums, riding arenas, baseball and football fields, Other large outdoor areas: parks, docks, shipyard, airport and many other applications.



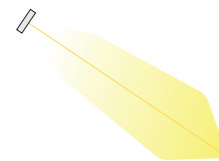
## FEATURES

- LED high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V / 277-480V.
- Die-cast aluminum cooling design, high quality and better cooling for LED Tj < 85°C.
- Excellent optics design, greatly improve the light utilization and evenness.
- 12V auxiliary dimming/Dali dimming (Optional)

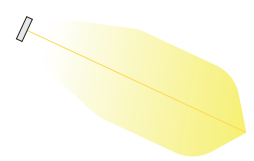
## LIGHTING ANGLE



NEMA III



NEMA IV



NEMA V

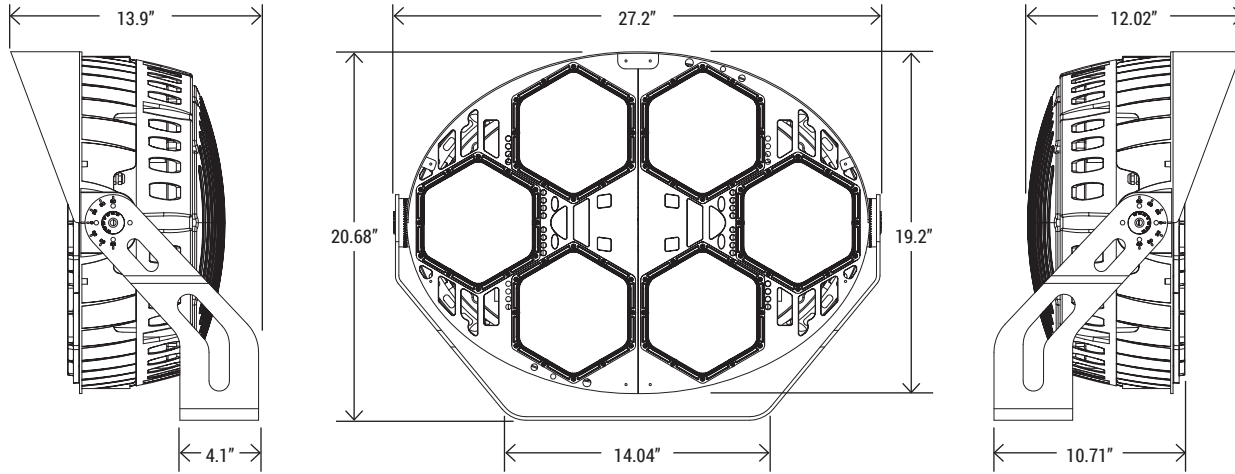
## SPECIFICATION

|                        | 400W                            | 600W     |
|------------------------|---------------------------------|----------|
| WATTAGE                | 400W                            | 600W     |
| LUMEN                  | 56800 lm                        | 85200 lm |
| EFFICACY               | 140 lm/W                        | 140 lm/W |
| CCT                    | 4000K, 5000K                    |          |
| CRI                    | 80                              |          |
| INPUT VOLTAGE          | AC120-277V / 277-480V           |          |
| LIGHTING ANGLE         | NEMA III, IV, V                 |          |
| FIELD ANGLE (10% LMAX) | 39.6 (III), 55.1 (IV), 84.8 (V) |          |
| BEAM ANGLE (50% LAMX)  | 20.5 (III), 30.0 (IV), 53.5 (V) |          |
| POWER FACTOR           | 0.95                            |          |
| DRIVER EFFICACY        | 92%                             |          |
| DIMMING                | 12V auxiliary dimming           |          |
| LIFE SPAN              | up to 75,000 hrs                |          |
| WORKING TEMPERATURE    | -22°F ~ 113°F                   |          |
| STORAGE TEMPERATURE    | -40°F ~ 176°F                   |          |
| OUTDOOR RATING         | Wet location                    |          |
| CABLE                  | 3core, 16AWG (3.0m)             |          |
| WARRANTY               | 5 year limited                  |          |

# LED Stadium Eyes Light Series

Wattages: 400W, 600W

## DIMENSION



|            |                     |          |
|------------|---------------------|----------|
| EPA        | 2.3 ft <sup>2</sup> |          |
| NET WEIGHT | 49.6 lbs            | 51.8 lbs |

BOX DIMENSION : 31.1" x 28.3" x 11.4"

## ELECTRICAL LOAD

| WATTAGE  | CURRENT (VOLTAGE) (AMP) |          |         |          |          |          |
|----------|-------------------------|----------|---------|----------|----------|----------|
|          | 120V                    | 208V     | 240V    | 277V     | 347V     | 480V     |
| SB-SE40W | 3.33 Amp                | 1.92 Amp | 1.6 Amp | 1.44 Amp | 1.15 Amp | 0.83 Amp |
| SB-SE60W | 5.0 Amp                 | 2.8 Amp  | 2.5 Amp | 2.16 Amp | 1.72 Amp | 1.25 Amp |

## ORDERING INFORMATION

EXAMPLE:

**SB-SE40W27-XXK-Z[D, W, B, S]-NM[N3,N4,N5] U[S, T]-G[BLANK, L]-F[BLANK, SPD]**

| SB         | SE                                   | 40W                          | 27                                       | YYK                            | Z  | NM   | U  | G  | F                                     |
|------------|--------------------------------------|------------------------------|--|--------------------------------|--|--|--|--|---------------------------------------|
| COMPANY    | PRODUCT                              | WATTAGE                      | VOLTAGE                                  | CCT                            | FINISH   | LIGHT ANGLE  | MOUNTING   | CONTROL                                  | SAFETY DEVICE                         |
| SB LED INC | SE<br>(Stadium Eyes<br>Light Series) | 40W - (400W)<br>60W - (600W) | 27<br>(AC120-277V)<br>48<br>(AC277-480V) | 40K - (4000K)<br>50K - (5000K) | D - (Dark<br>Bronze)<br>W - (White)<br>B - (Black)<br>S - (Silver) | N3 - (Nema III)<br>N4 - (Nema IV)<br>N5 - (Nema V) | S - (Slipfitter)<br>T - (Trunnion)<br><b>Notice:</b><br>Trunnion<br>(Standard) | L - (Wireless<br>Lighting<br>Controller) | SPD - (Surge<br>Protection<br>Device) |

5000K Silver and N4 are standard

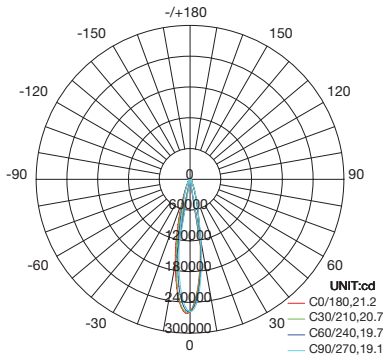
Wattages: 400W, 600W

## PHOTOMETRICS

For complete IES files, please visit our website.

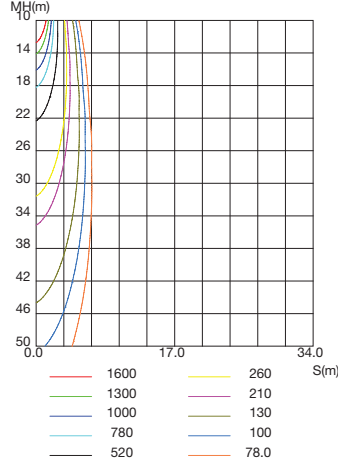
### SB-SE40W27-50K-D-N3

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



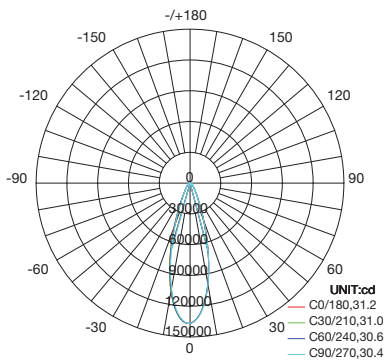
AVERAGE BEAM ANGLE(50%):20.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



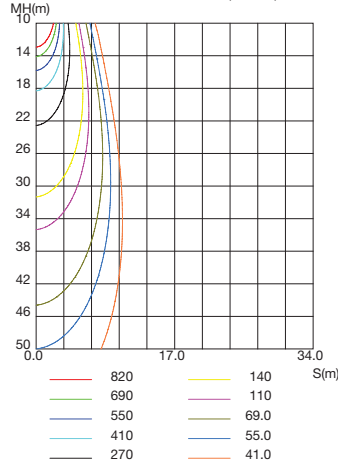
### SB-SE40W27-50K-D-N4

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



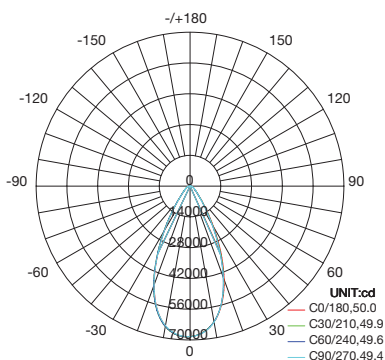
AVERAGE BEAM ANGLE(50%):30.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



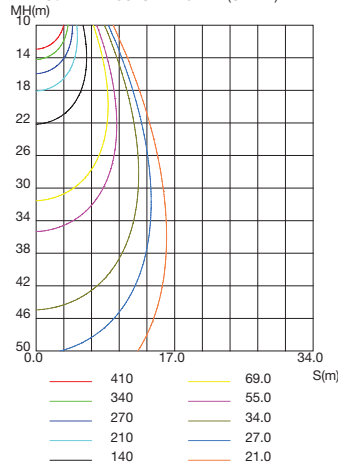
### SB-SE40W27-50K-D-N5

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):49.7 DEG

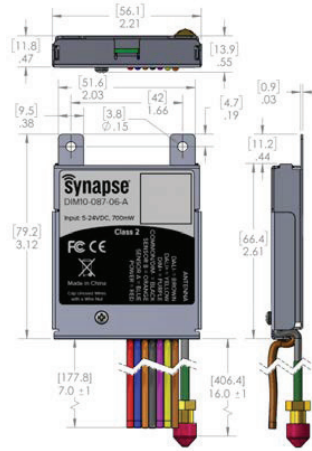
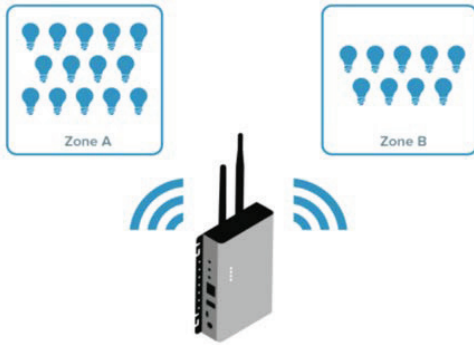
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Wattages: 400W, 600W

## CONTROLS

For complete IES files, please visit our website.



## DALI-2/DIM TO OFF WIRELESS LIGHTING CONTROLLER

| DIM10-087-06-A      |  |
|---------------------|--|
| INPUT               | 5 to 24V DC, 700 mW max  |
| DALI-2              | Limited to 8 LED Drivers   |
| SENSOR INPUT        | Analog: 0-10V / Digital: 0-24V   |
| IP RATING           | IP30   |
| DIMMING             | 0-10V, 10 mA (Max)   |
| WORKING TEMPERATURE | -40°F ~ 185°F  |
| RADIO               | SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity |
| WIRE SIZE           | 20 AWG, 6" Wires, 600V   |
| CERTIFICATIONS      | UL Recognized Component; CE; FCC/ IC; Indoor/Outdoor                       |
| WARRANTY            | 5 year limited   |

## WIRING DIAGRAM

