

Cutout: Ø75mm

Height with -  
 HERO XP 9W is 100mm  
 HERO XP 12W is 110mm  
 SUPERHERO XP 18W is 125mm  
 HERO ECO 9W is 80mm

## Super Starr Adjustable

### Technical Specification

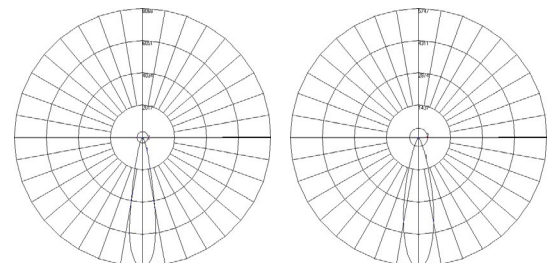
| Family Code                     | LED Engine | Product Lumen | Wattage | mA  | Colour T(K) | Beam Angle | CRI | Finish  |      |         |
|---------------------------------|------------|---------------|---------|-----|-------------|------------|-----|---------|------|---------|
| LL-9400                         | Hero XP    | 1010          | 9       | 250 | 9           | 2700       | 20  | 18° 18  | 90 9 | Black B |
|                                 | Hero XP    | 1367          | 12      | 350 | 12          | 3000       | 30  | 24° 24  |      | White W |
|                                 | Hero XP    | 1979          | 18      | 500 | 18          | 4000       | 40  | 36° 36  |      |         |
| *Lumens above are for 3000K 18° |            |               |         |     |             | 60° 60     |     |         |      |         |
|                                 | Hero Eco   | 959           | 9       | 500 | 9           |            |     | 40° 40° |      |         |
| *Lumens above is for 3000K      |            |               |         |     |             | 60° 60°    |     |         |      |         |

### Features

|                   |  |
|-------------------|--|
| IP Rating         | IP 20  |
| IC Rating         | IC-4   |
| Driver Type       | DALI / Phase Dim   |
| LED Type          | Hero XP LED engine   |
| Mounting Options  | Trimless Mount   |
| Lumen Maintenance | Hero XP 9w/12w L70 121,000hrs<br>(Reported Lumen Maintenance* L80B10 >55,000hrs)                   |
|                   | Super Hero XP 18w L90 110,000hrs<br>(Reported Lumen Maintenance* L90B10 >64,000hrs)                |
|                   | *Based on Greenstar TM-21 method which limits reported lumen maintenance to 6x LM-80 test duration |

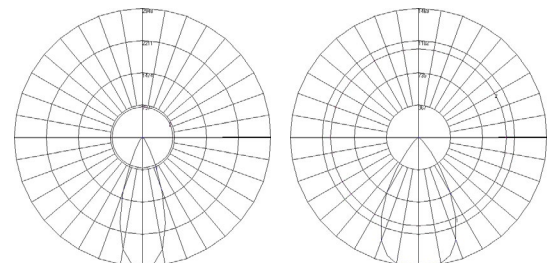
Notes

### PHOTOMETRIC DIAGRAM



Hero XP 12W 3K 18°  
 ↓ PHOTOMETRIC

Hero XP 12W 3K 24°  
 ↓ PHOTOMETRIC



Hero XP 12W 3K 36°  
 ↓ PHOTOMETRIC

Hero XP 12W 3K 60°  
 ↓ PHOTOMETRIC

### Accessories

|                 |                 |                  |                     |                |                |
|-----------------|-----------------|------------------|---------------------|----------------|----------------|
| White Reflector | Black Reflector | Chrome Reflector | Matt Gold Reflector | White Pin Hole | Black Pin Hole |
| LL-9405-REF-W   | LL-9405-REF-B   | LL-9405-REF-C    | LL-9405-REF-MG      | LL-9405-PIN-W  | LL-9405-PIN-B  |

