

# Shuays R12 - #3055



36W



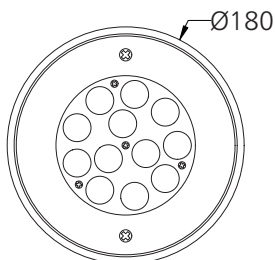
3363lm



3000K



30°

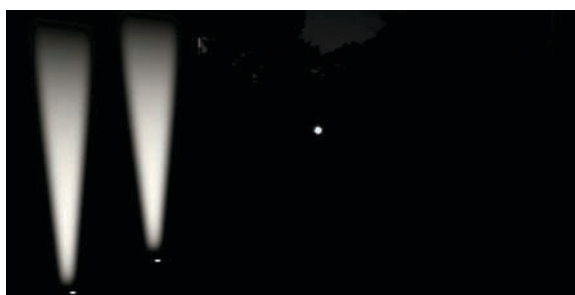
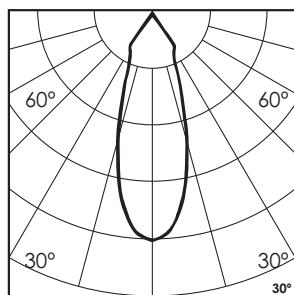


Note :  
This Luminaire can not be operated  
out of water for over 15 minutes.

## Photometric Data

|                        |                  |
|------------------------|------------------|
| Light source           | LED - High Power |
| Power (W)              | 36W              |
| Delivered lumens       | 3363lm           |
| Source lumens          | 4032lm           |
| Colour temperature (K) | 3000K            |
| Luminaire efficacy     | 93.42lm/W        |
| Beam angle             | 30°              |
| Cutoff angle           | NA               |

|                            |                    |
|----------------------------|--------------------|
| Light output ratio         | 83%                |
| Color rendering index (Ra) | >95                |
| Color rendering index (R9) | >85                |
| Binning MacAdam            | <2 SDCM            |
| LED life                   | L90 B10 Tj75°C     |
| UGR                        | <19                |
| Operating temperature      | -20°C to +50°C     |
| Light distribution         | Direct - Symmetric |



## Technical Data

|                   |                  |
|-------------------|------------------|
| Mounting detail   | Underwater Light |
| Fixing detail     | Backbox          |
| Orientation       | Fixed            |
| IP rating         | IP68             |
| IK rating         | IK08             |
| Heatsink material | SS               |
| Ring material     | SS               |

|                  |                |
|------------------|----------------|
| Glow wire test   | 850°           |
| Product weight   | 1929gms        |
| Safety class     | III            |
| Insulation class | III            |
| Voltage          | DC24V          |
| Driver           | Remote - DC24V |

## Photometric Graphs

Hue Bin vs Rf Graph



Color Vector Graph



Spectrum vs Wavelength Graph



CIE Chromaticity Graph



## Finish Options

### Trim Finish

- ☐ SS
- ☒ Custom RAL Color

## Dimming Options



Constant Voltage Driver  
75w DC24V  
Non Dimmable



Constant Voltage Driver  
75w DC24V  
Triac Dimmable



Constant Voltage Driver  
75w DC24V  
Analog 0-10V / 1-10V Dimmable



Constant Voltage Driver  
75w DC24V  
Dali Dimmable