

# Shuays R1 - #3051



1W



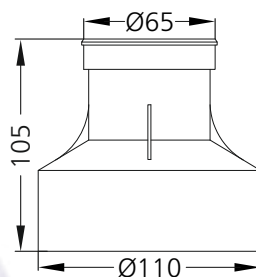
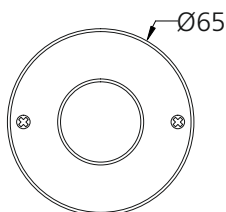
90lm



3000K



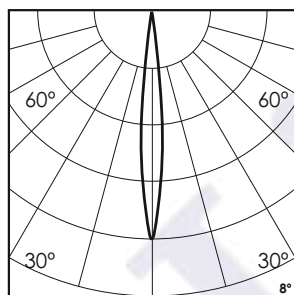
8°



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

## Photometric Data

|                        |                  |                            |                    |
|------------------------|------------------|----------------------------|--------------------|
| Light source           | LED - High Power | Light output ratio         | 80%                |
| Power (W)              | 1W               | Color rendering index (Ra) | >92                |
| Delivered lumens       | 90lm             | Color rendering index (R9) | >50                |
| Source lumens          | 112lm            | Binning MacAdam            | <3 SDCM            |
| Colour temperature (K) | 3000K            | LED life                   | L90 B10 Tj75°C     |
| Luminaire efficacy     | 90lm/W           | UGR                        | <19                |
| Beam angle             | 8°               | Operating temperature      | -20°C to +50°C     |
| Cutoff angle           | NA               | Light distribution         | Direct - Symmetric |



## Technical Data

|                   |                  |                  |                |
|-------------------|------------------|------------------|----------------|
| Mounting detail   | Underwater Light | Glow wire test   | 850°           |
| Fixing detail     | Backbox          | Product weight   | 413gms         |
| Orientation       | Fixed            | Safety class     | III            |
| IP rating         | IP68             | Insulation class | III            |
| IK rating         | IK08             | Voltage          | DC24V          |
| Heatsink material | SS               | Driver           | Remote - DC24V |
| Ring material     | SS               |                  |                |

## 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