



## LED Up Light/Inground Lamp

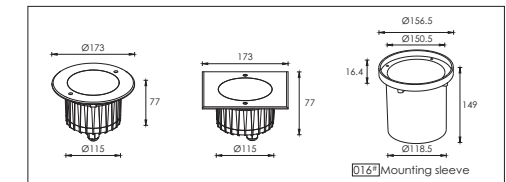
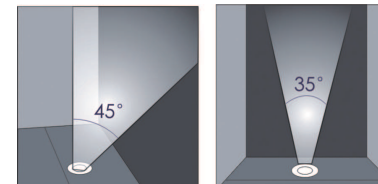
### Symmetrical



### Aymmetrical



### Impression drawing of lens C9



### Material specifications

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing                 | 12" Die-casting grey powder coated aluminum.<br>T=60-80µm Adhesion of ISO class 1/ASTM class 48                                                        |
| Front ring              | Stainless steel SUS 316L                                                                                                                               |
| Glass                   | Step tempered glass.T=8mm                                                                                                                              |
| Glass pressure capacity | Full area=2274kgs                                                                                                                                      |
| Cable gland             | IP-68 PG-9 PVC                                                                                                                                         |
| Gasket                  | Molding shaped silicone seal                                                                                                                           |
| LED                     | IQ type power LED for RGB,single color is OSRAM                                                                                                        |
| Lens                    | Optical lens,efficiency≥85%                                                                                                                            |
| Driver                  | Constant current output<br>Single color LED=1-circuit output<br>RGB 3in1 LED=6-circuit output                                                          |
| Operating temperature   | -20°C~40°C                                                                                                                                             |
| Power Cable             | H05RN-F 2X1.0mm <sup>2</sup> L=0.5m(low voltage)<br>H05RN-F 3X1.0mm <sup>2</sup> L=0.5m(high voltage)<br>H05RN-F 4X0.75mm <sup>2</sup> L=0.5m(for RGB) |
| Mounting sleeve         | PVC Ø16"                                                                                                                                               |

| Item                     | Light source                   | Lens | Lens degree selected by manufacturer(θ1/2) | Input voltage(v) | Typical operating current(mA)    | Typical consumption(w)              | Typical luminance(lm)            | IK rate |
|--------------------------|--------------------------------|------|--------------------------------------------|------------------|----------------------------------|-------------------------------------|----------------------------------|---------|
| FB2BFR0657<br>FB2BFS0657 | 6×2W                           | B33D | 20                                         | 24VDC<br>120/240 | 2.4V=562<br>120V=100<br>240V= 56 | 2.4V=13.5<br>120V=11.8<br>240V=12.4 | Cool white=956<br>Warm white=783 | 07      |
| FB2BFR0618<br>FB2BFS0618 | 6×2W<br>RGB 3in1<br>Full color | B34D | 30                                         | 24VDC            | R=200<br>G=250<br>B=250          | 16.8                                | 300                              | 07      |
| FC2BFR0657<br>FC2BFS0657 | 6×2W                           | C9   | 45<br>35                                   | 24VDC<br>120/240 | 2.4V=535<br>120V=100<br>240V= 56 | 2.4V=12.8<br>120V=11.8<br>240V=12.4 | Cool white=944<br>Warm white=709 | 07      |