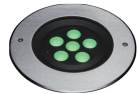




## Recessed RGB LED Inground Light



FB2BFR0618



FB2BFS0618

### LED Wave Length

- R =620-630 nm
- G =520-530 nm
- B =460-470 nm

### Optics

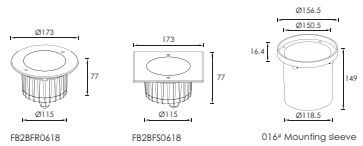


### FB08



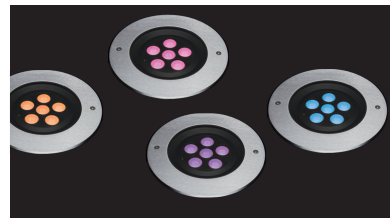
30°

### Outer Dimensions

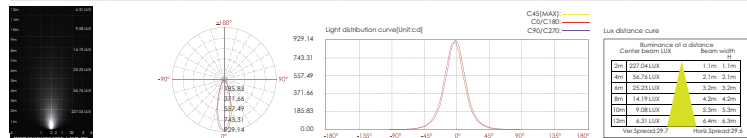


### Material specifications

|                         |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| Housing                 | 12" Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 48 |
| Front ring              | Hard chromeplated stainless steel SUS 316L*                                                  |
| Light Window            | Step tempered glass, T=8mm                                                                   |
| Glass pressure capacity | Full area=2274kgs                                                                            |
| Cable gland             | IP-68 PG-9 PVC                                                                               |
| Gasket                  | Molding shaped silicone seal                                                                 |
| LED                     | 12 type power LED                                                                            |
| Lens                    | Optical lens, efficiency=85%                                                                 |
| LED Driver              | Constant Voltage Input, Constant Current Output                                              |
| Operating temperature   | -20°C~40°C                                                                                   |
| Power Cable             | HDSRN-F 4X0.75mm² L=0.5m                                                                     |
| Mounting sleeve         | PVC 016#                                                                                     |



| 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 |
|--------------|--------------------------|------|--------------------------------------------|------------------|-------------------------------|------------------------|-----------------------|---------|
| ○ FB2BFR0618 | 6×2W RGB 3in1 Full color | FB08 | 30°                                        | 24V DC           | R = 200<br>G = 250<br>B = 250 | 16.8                   | 300                   | 07      |
| □ FB2BFS0618 | 6×2W RGB 3in1 Full color | FB08 | 30°                                        | 24V DC           | R = 200<br>G = 250<br>B = 250 | 16.8                   | 300                   | 07      |



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## Recessed RGB LED Inground Light



FB2VR0619



FB2VS0619

### LED Wave Length

- R =620-630 nm
- G =520-530 nm
- B =460-470 nm

### Optics

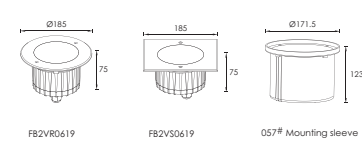


### FB08



30°

### Outer Dimensions

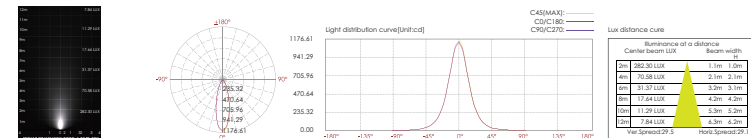


### Material specifications

|                         |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| Housing                 | 12" Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 48 |
| Waterproof              | Molding shaped silicone seal                                                                 |
| Front ring              | Hard chromeplated stainless steel SUS 316L*                                                  |
| Light Window            | Step tempered glass, T=8mm                                                                   |
| Glass pressure capacity | Full area=2274 kgs                                                                           |
| Cable gland             | IP-68 PG-9 PVC                                                                               |
| Gasket                  | Silicone seal                                                                                |
| LED                     | 12 type power LED                                                                            |
| Lens                    | Optical lens, efficiency=85%                                                                 |
| LED Driver              | Constant Voltage Input, Constant Current Output                                              |
| Operating temperature   | -20°C~40°C                                                                                   |
| Power Cable             | HDSRN-F 4X0.75mm² L=0.5m                                                                     |
| Mounting sleeve         | ABS 057#                                                                                     |



| Item         | Light source             | Lens | The manufacturer selected lens degree(θ1/2) | Input voltage[V] | Typical operating current[mA] | Typical consumption[W] | Typical luminance[lm] | IK rate |
|--------------|--------------------------|------|---------------------------------------------|------------------|-------------------------------|------------------------|-----------------------|---------|
| ○ FB2VAR0619 | 6×3W RGB 3in1 Full color | FB08 | 30°                                         | 24V DC           | R = 350<br>G = 350<br>B = 350 | 25.2                   | 452.91                | 09      |
| □ FB2VAS0619 | 6×3W RGB 3in1 Full color | FB08 | 30°                                         | 24V DC           | R = 350<br>G = 350<br>B = 350 | 25.2                   | 452.91                | 09      |



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