

# INGROUND LIGHT

## product overview



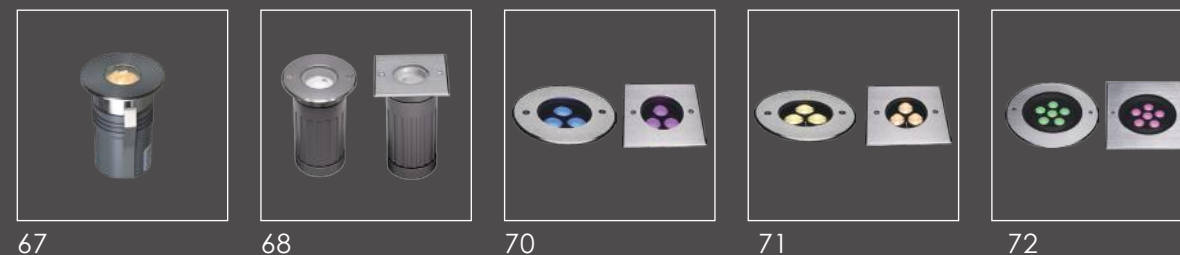
62

63

64

65

66



67

68

70

71

72



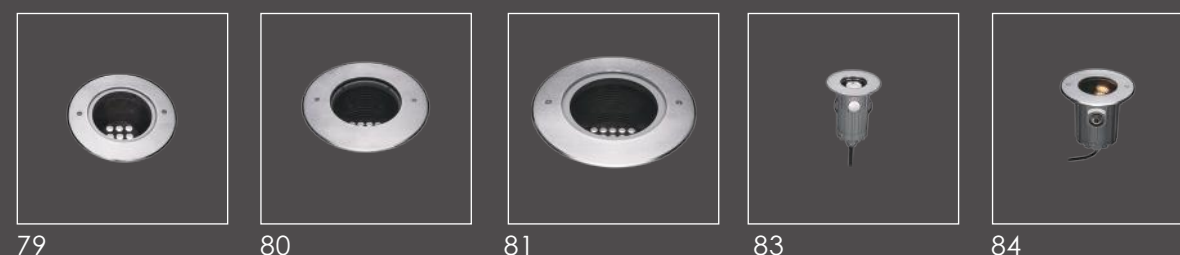
73

74

75

77

78



79

80

81

83

84



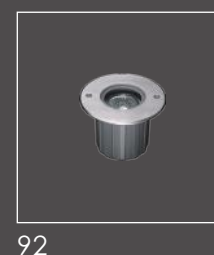
85

86

87

88

91



92

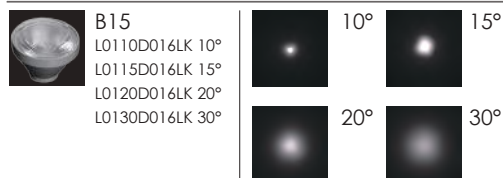
# Up Beam Type Mini LED inground light



# Soft Beam Type Mini LED Inground Light



### OPTICS



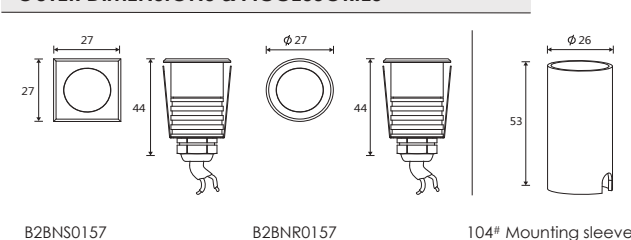
### LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

### MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum anodized finishing or powder painting
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- PMMA** | T=2mm
- CABLE GLAND** | IP67 Nickel coated copper
- GASKET** | Silicone seal
- LENS** | Optical lens, efficiency ≥ 85%
- LED DRIVER** | Constant Current Input
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X0.5mm<sup>2</sup> L=0.3m
- MOUNTING SLEEVE** | ABS 104#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

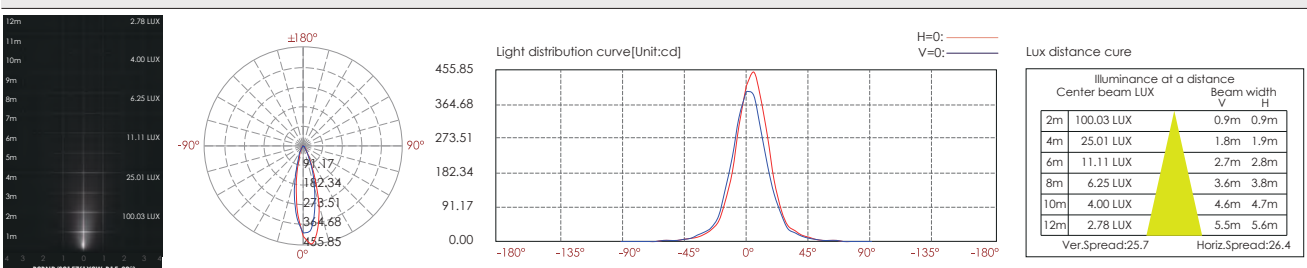
### OUTER DIMENSIONS & ACCESSORIES



### TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>B2BNR0157</b>	1×2W	B15	20°	3V DC	500	1.5	Cool White = 148 Warm White = 135	02
<b>B2BNS0157</b>	1×2W	B15	20°	3V DC	500	1.5	Cool White = 148 Warm White = 135	02

### PHOTOMETRIC CURVES



### OPTICS

N/A

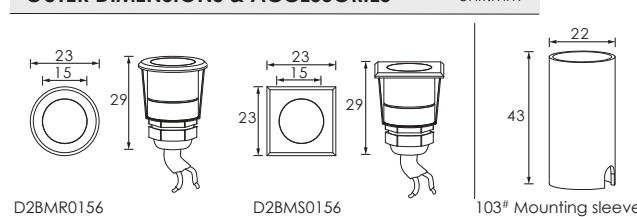
### LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

### MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum anodized finishing or powder painting
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- PMMA** | T=2mm
- CABLE GLAND** | IP67 Nickel coated copper
- GASKET** | Silicone seal
- LED DRIVER** | Constant Current Input
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- POWER CABLE** | H05RN-F 2X0.5mm<sup>2</sup> L=0.3m
- MOUNTING SLEEVE** | ABS 103#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

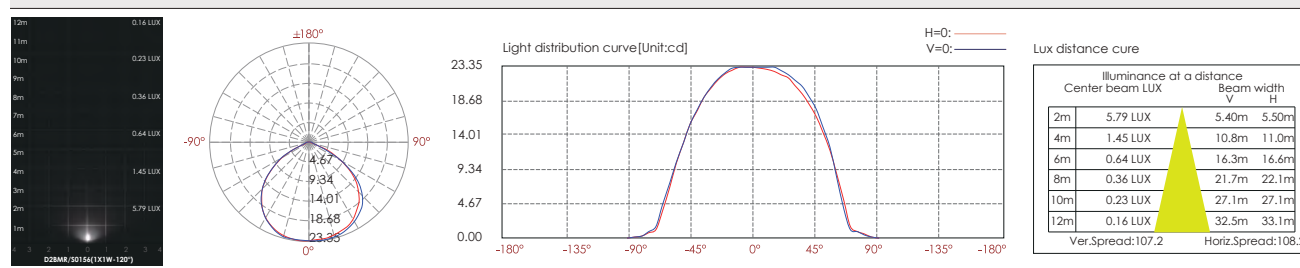
### OUTER DIMENSIONS & ACCESSORIES



### TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>D2BMR0156</b>	1×1W	—	120°	3V DC	350	1	Cool White = 66 Warm White = 58	02
<b>D2BMS0156</b>	1×1W	—	120°	3V DC	350	1	Cool White = 66 Warm White = 58	02

### PHOTOMETRIC CURVES



# Diffuser

## Tiny Type LED Inground Light

### Stainless Steel Front Cover



#### LED COLOUR TEMPERATURE

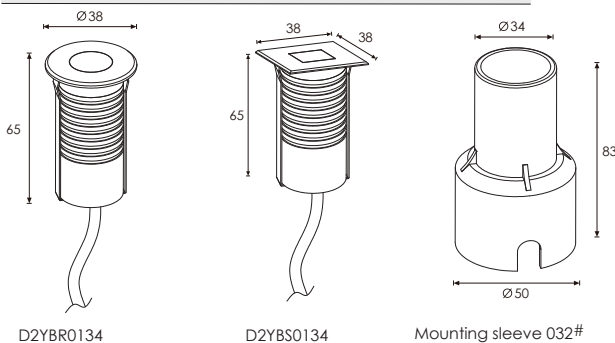
2000K · 3000K · 6000K

#### OPTICS

N/A

#### OUTER DIMENSIONS & ACCESSORIES

Unit:mm



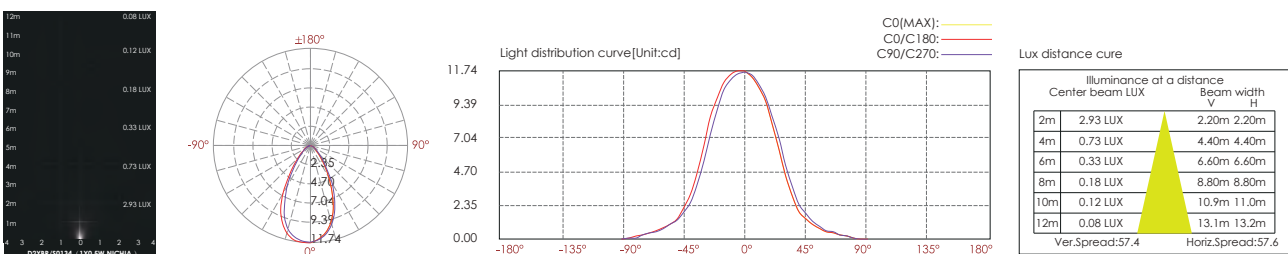
#### MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum  
T=60-80μm Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered frosted step glass.T=4mm
- LED** | OSRAM or NICHIA
- GLASS PRESSURE CAPACITY** | Full area=254kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
- MOUNTING SLEEVE** | ABS 032#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

#### TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
D2YBR0134	1×0.5W NICHIA	—	—	24V DC	26	0.6	Cool White = 11 Warm White = 9.6	03
D2YBS0134	1×0.5W NICHIA	—	—	24V DC	26	0.6	Cool White = 11 Warm White = 9.6	03

#### PHOTOMETRIC CURVES



# Up light

## Tiny Type LED Inground Light

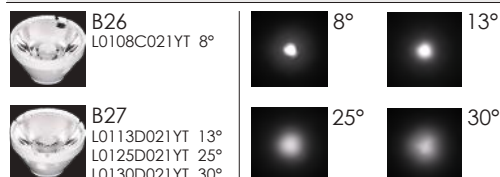
### Stainless Steel Front Cover



#### LED COLOUR TEMPERATURE

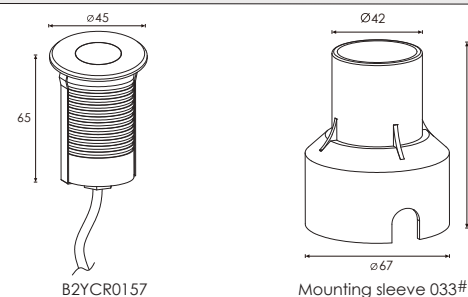
2000K · 3000K · 6000K

#### OPTICS



#### OUTER DIMENSIONS & ACCESSORIES

Unit:mm



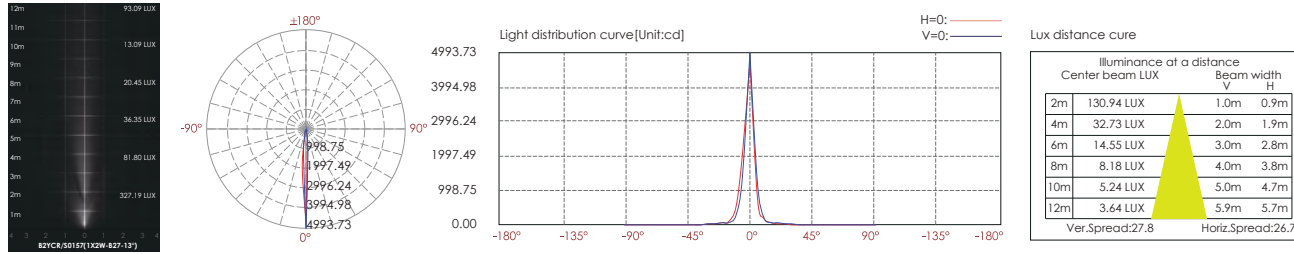
#### MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum.  
T=60-80μm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome plated Stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=4mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=254kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)
- MOUNTING SLEEVE** | ABS 033#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

#### TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2YCR01857	1×2.0W OSRAM	B27	25°	24V DC	110	2.5	Cool White = 135 Warm White = 120	03

#### PHOTOMETRIC CURVES

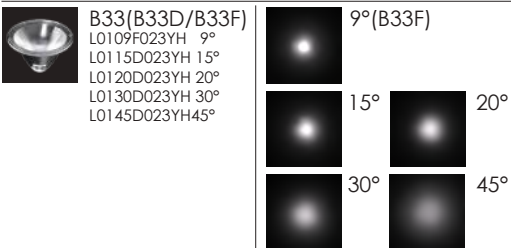


# Strong up light Power LED Inground Light

## LED COLOUR TEMPERATURE

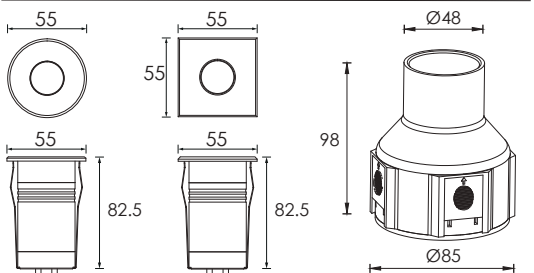
2000K · 3000K · 6000K

## OPTICS



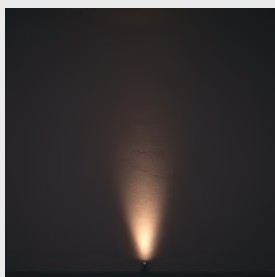
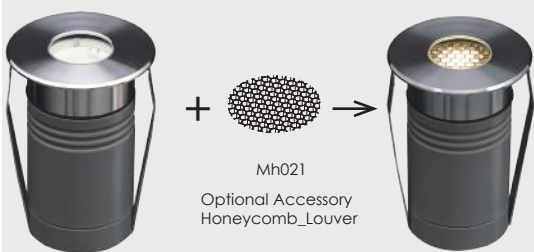
## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



B2WDR0157 A B2WDS0157 A Mounting sleeve 011#

## OPTIONAL HONEYCOMB LOUVER



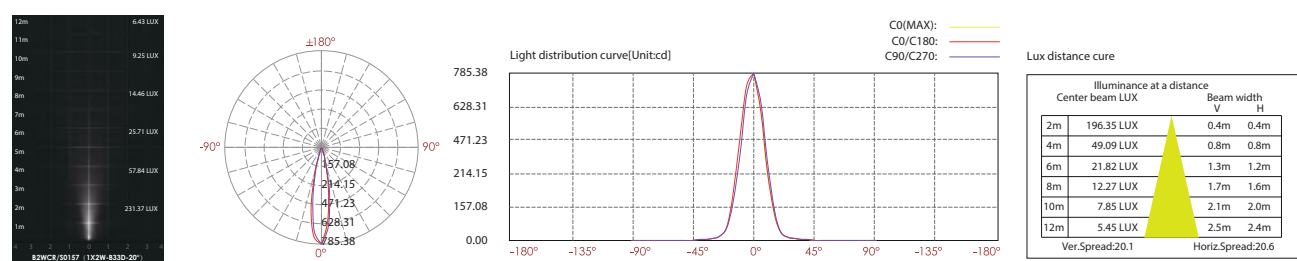
## MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=7mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=1704kgs
- GASKET** | Molding shaped silicone seal
- LENS** | Optical lens,efficiency≥85%
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)  
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 011#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2WDR0157 A	1×2W	B33D	30°	24V DC 120/240	24V=105 120V=47 240V=28	24V=2.5 120V=3.0 240V=3.1	Cool White = 183 Warm White = 143	08
B2WDS0157 A	1×2W	B33D	30°	24V DC 120/240	24V=105 120V=47 240V=28	24V=2.5 120V=3.0 240V=3.1	Cool White = 183 Warm White = 143	08

## PHOTOMETRIC CURVES



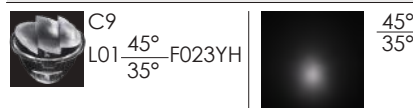
# Asymmetrical Power LED Inground Light



## LED COLOUR TEMPERATURE

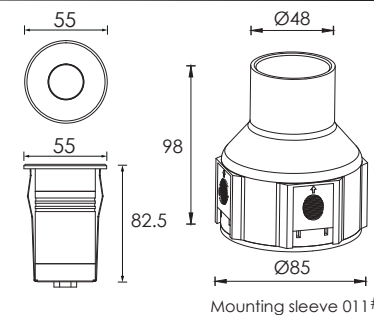
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

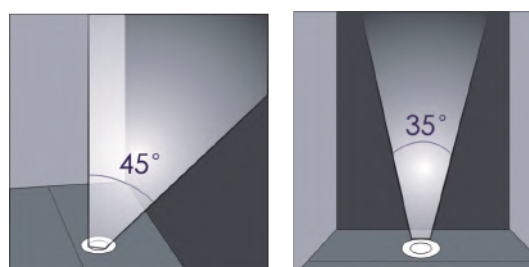
Unit:mm



## MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=7mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=1704kgs
- GASKET** | Molding shaped silicone seal
- LENS** | Optical lens,efficiency≥85%
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)  
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 011#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

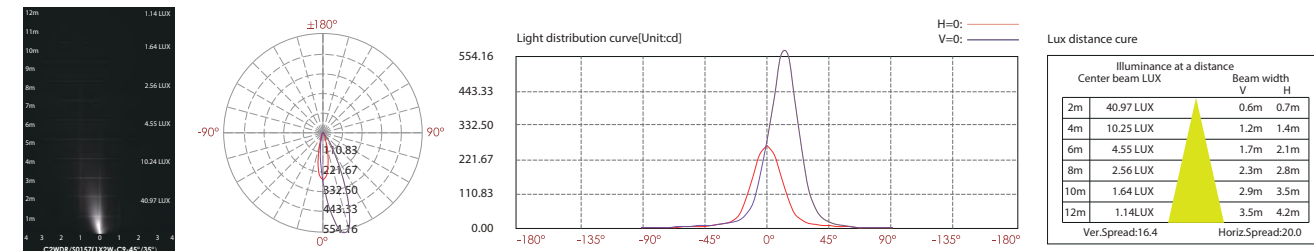
## IMPRESSION DRAWING OF LENS C9



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2WDR0157 A	1×2.0W	C9	45° 35°	24V DC 120/240	24V=105 120V=47 240V=28	24V=2.5 120V=3.0 240V=3.1	Cool White = 158 Warm White = 130	08

## PHOTOMETRIC CURVES





# Strong up light Small Size LED Inground Light



### LED COLOUR TEMPERATURE

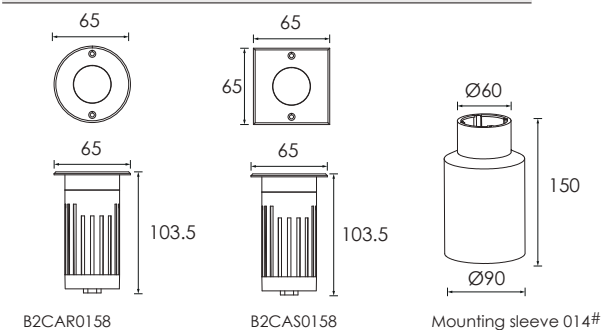
2000K · 3000K · 6000K

### OPTICS

B33(B33D/B33F)  
L0109F023YH 9°  
L0115D023YH 15°  
L0120D023YH 20°  
L0130D023YH 30°  
L0145D023YH45°

### OUTER DIMENSIONS & ACCESSORIES

Unit:mm



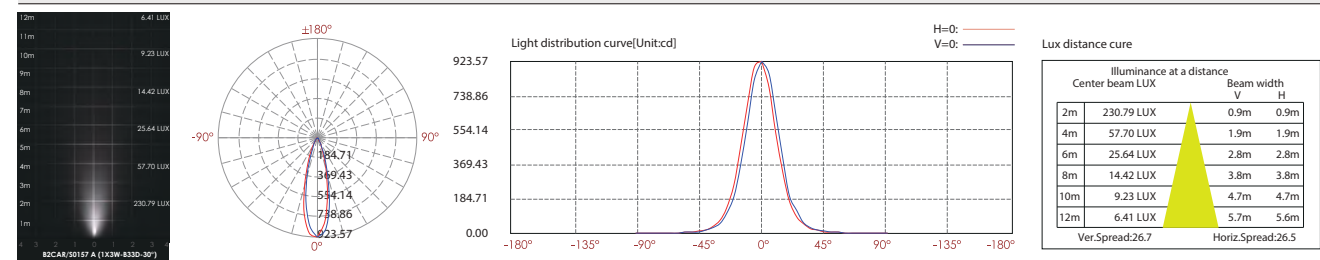
### MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome plated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass.T=5mm
- LED** | NICHIA
- GLASS PRESSURE CAPACITY** | Full area=783kgs
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)  
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 014#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

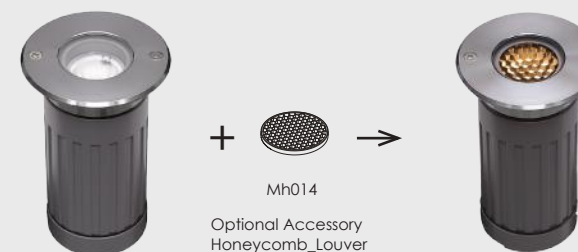
### TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2CAR0158	1×W	B33D	30°	24V DC 120/240	24V=187 120V=36 240V=22	24V=4.5 120V=4.3 240V=4.3	Cool White = 305 Warm White = 267	08
B2CAS0158	1×2W	B33D	30°	24V DC 120/240	24V=187 120V=36 240V=22	24V=4.5 120V=4.3 240V=4.3	Cool White = 305 Warm White = 267	08

### PHOTOMETRIC CURVES



### OPTIONAL HONEYCOMB LOUVER

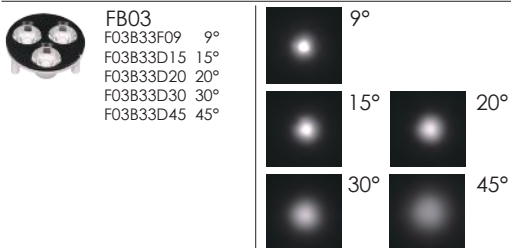


# Symmetrical Power LED Inground Light

## LED COLOUR TEMPERATURE

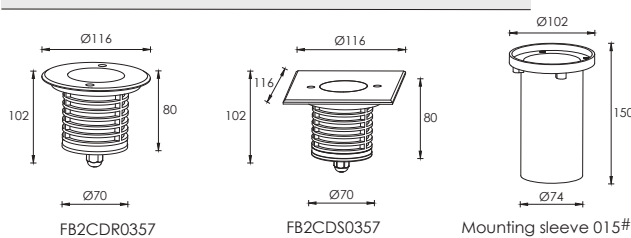
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

Unit:mm

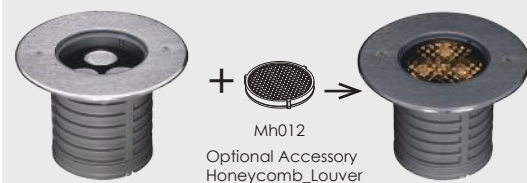


## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
<b>FRONT RING</b>	Hard chromeplated stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	Tempered frosted step glass.T=8mm
<b>LED</b>	OSRAM
<b>GLASS PRESSURE CAPACITY</b>	Full area=2578kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>PCB</b>	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
<b>LENS</b>	Optical lens,efficiency≥85%
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H05RN-F 2X1.0mm <sup>2</sup> L=0.5m(low voltage) H05RN-F 3X1.0mm <sup>2</sup> L=0.5m(high voltage)
<b>MOUNTING SLEEVE</b>	ABS 015#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

Product Overview



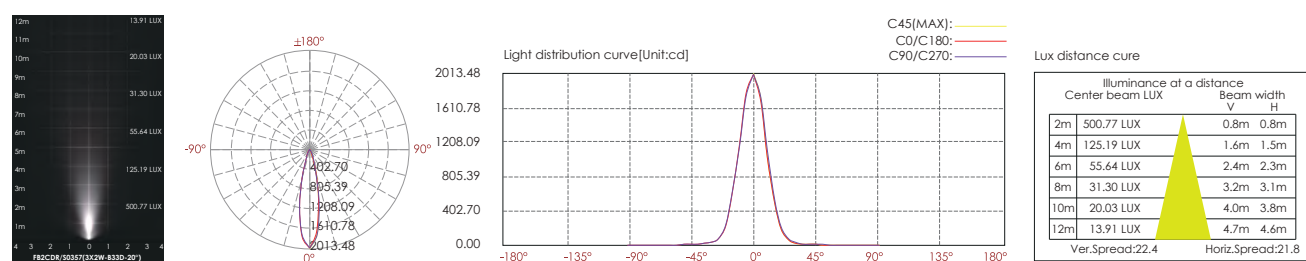
## IMPRESSION DRAWING OF LENS FB03



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2CDR0357	3×2W	FB03	20°	24V DC 120/240	24V=206 120V=51 240V=30	24V=5.2 120V=6.0 240V=6.0	Cool White = 479 Warm White = 376	08
FB2CDS0357	3×2W	FB03	20°	24V DC 120/240	24V=206 120V=51 240V=30	24V=5.2 120V=6.0 240V=6.0	Cool White = 479 Warm White = 376	08

## PHOTOMETRIC CURVES

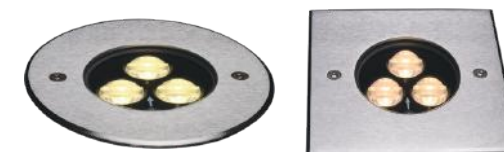
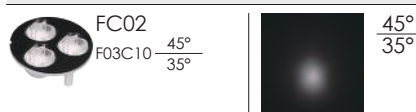


# Asymmetrical Power LED Inground Light

## LED COLOUR TEMPERATURE

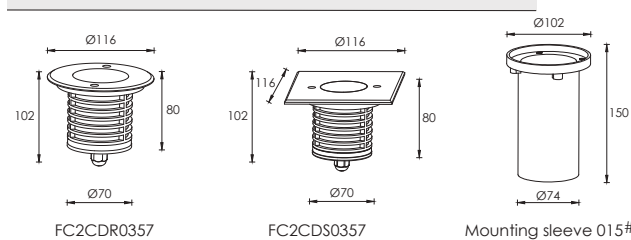
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
<b>FRONT RING</b>	Hard chromeplated stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	Tempered frosted step glass.T=8mm
<b>LED</b>	OSRAM
<b>GLASS PRESSURE CAPACITY</b>	Full area=2578kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>PCB</b>	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
<b>LENS</b>	Optical lens,efficiency≥85%
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H05RN-F 2X1.0mm <sup>2</sup> L=0.5m(low voltage) H05RN-F 3X1.0mm <sup>2</sup> L=0.5m(high voltage)
<b>MOUNTING SLEEVE</b>	ABS 015#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

Product Overview



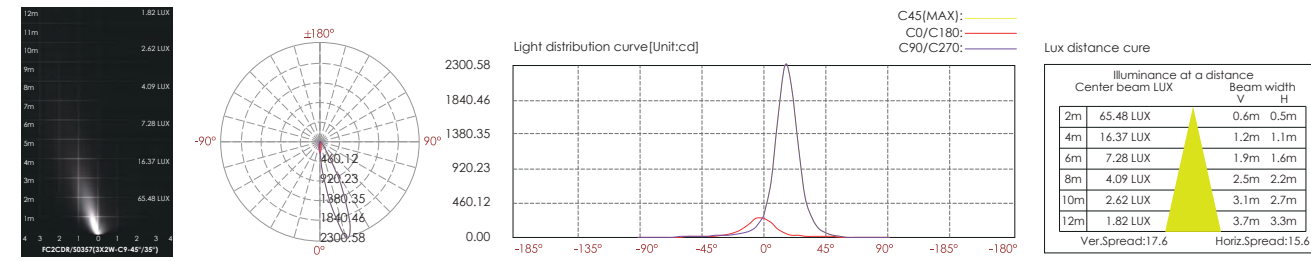
## IMPRESSION DRAWING OF LENS FC02



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2CDR0357	3×2W	FC02	45° 35°	24V DC 120/240	24V=206 120V=51 240V=30	24V=5.2 120V=6.0 240V=6.0	Cool White = 398 Warm White = 359	08
FC2CDS0357	3×2W	FC02	45° 35°	24V DC 120/240	24V=206 120V=51 240V=30	24V=5.2 120V=6.0 240V=6.0	Cool White = 398 Warm White = 359	08

## PHOTOMETRIC CURVES



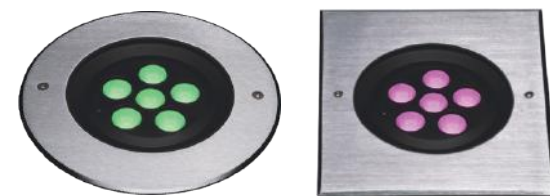
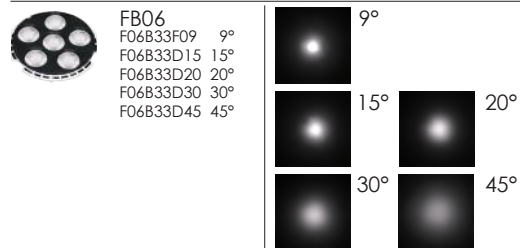


# Symmetrical LED Up Light/Inground Light

## LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

## OPTICS

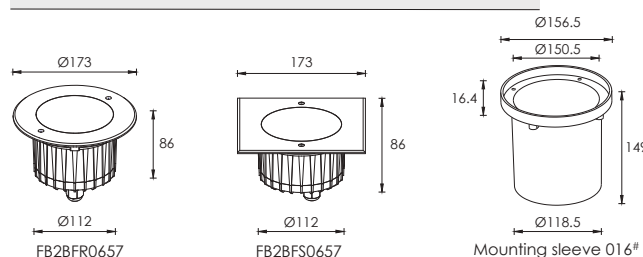


## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
<b>FRONT RING</b>	Hard chromeplated stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	Tempered frosted step glass, T=8mm
<b>GLASS PRESSURE CAPACITY</b>	Full area=2274kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Molding shaped silicone seal
<b>LED</b>	OSRAM
<b>LENS</b>	Optical lens, efficiency ≥ 85%
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H07RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H07RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS 016#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

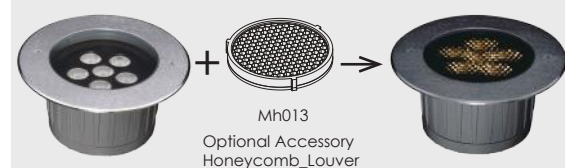
## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



## OPTIONAL HONEYCOMB LOUVER

Product Overview



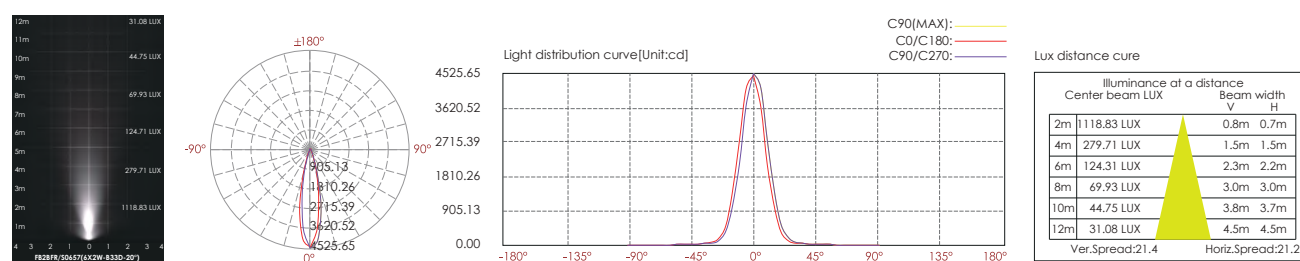
## IMPRESSION DRAWING OF LENS FBO6



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>FB2BFR0657</b>	6×2W	FBO6	20°	24V DC 120/240	24V=526 120V=100 240V=56	24V=13.5 120V=11.8 240V=12.4	Cool White = 956 Warm White = 783	07
<b>FB2BFS0657</b>	6×2W	FBO6	20°	24V DC 120/240	24V=562 120V=100 240V=56	24V=13.5 120V=11.8 240V=12.4	Cool White = 956 Warm White = 783	07

## PHOTOMETRIC CURVES

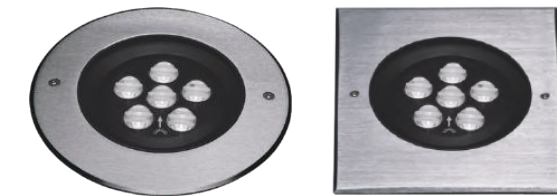
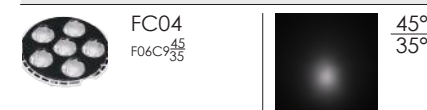


# Asymmetrical LED Up Light/Inground Light

## LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

## OPTICS

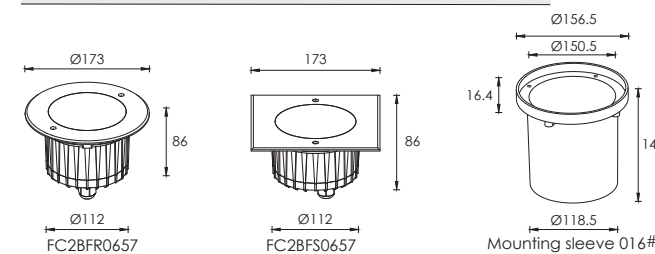


## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
<b>FRONT RING</b>	Hard chromeplated stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	Tempered frosted step glass, T=8mm
<b>GLASS PRESSURE CAPACITY</b>	Full area=2871kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Molding shaped silicone seal
<b>LED</b>	OSRAM
<b>LENS</b>	Optical lens, efficiency ≥ 85%
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H07RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H07RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS 016#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

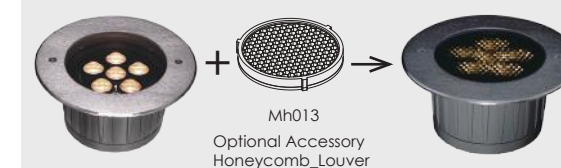
## OUTER DIMENSIONS & ACCESSORIES

Unit:mm

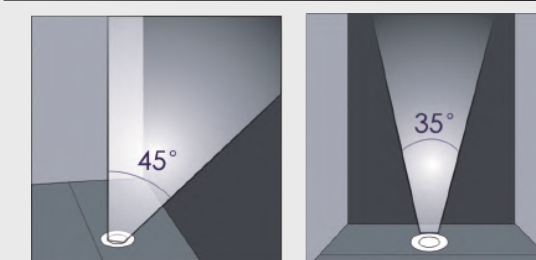


## OPTIONAL HONEYCOMB LOUVER

Product Overview



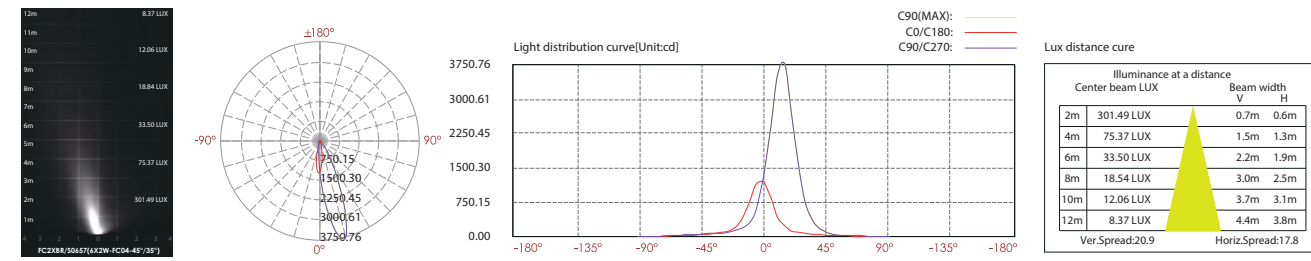
## IMPRESSION DRAWING OF LENS FC04



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>FC2BFR0657</b>	6×2W	FC04	45° 35°	24V DC 120/240	24V=526 120V=100 240V=56	24V=13.5 120V=11.8 240V=12.4	Cool White = 944 Warm White = 709	07
<b>FC2BFS0657</b>	6×2W	FC04	45° 35°	24V DC 120/240	24V=562 120V=100 240V=56	24V=13.5 120V=11.8 240V=12.4	Cool White = 944 Warm White = 709	07

## PHOTOMETRIC CURVES

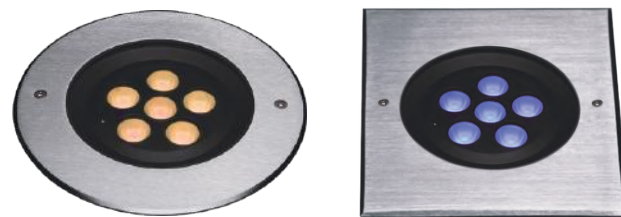
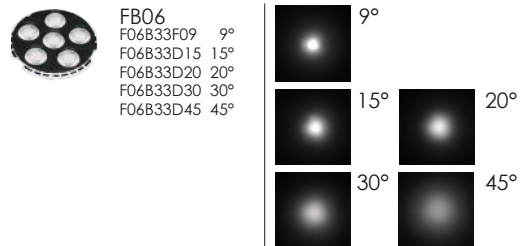


# Symmetrical 20W High Luminance LED Inground Light

## LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

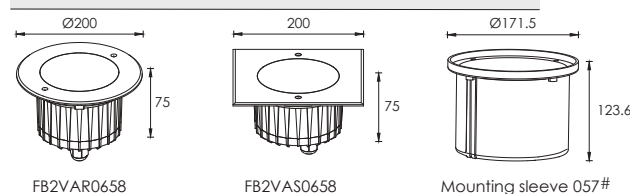
## OPTICS



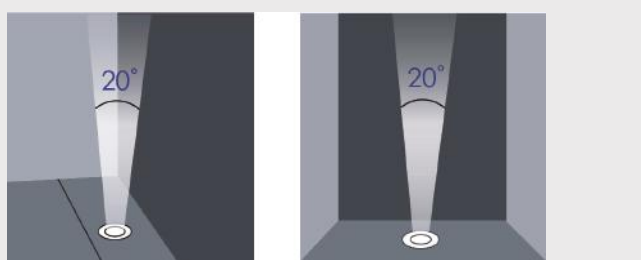
## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
<b>FRONT RING</b>	Hard chromeplated stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	Tempered frosted step glass, T=8mm
<b>GLASS PRESSURE CAPACITY</b>	Full area=3489kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Silicone seal
<b>LED</b>	NICHIA
<b>LENS</b>	Optical lens, efficiency ≥ 85%
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C ~ 40°C
<b>POWER CABLE</b>	H05RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H05RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS 057#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OUTER DIMENSIONS & ACCESSORIES



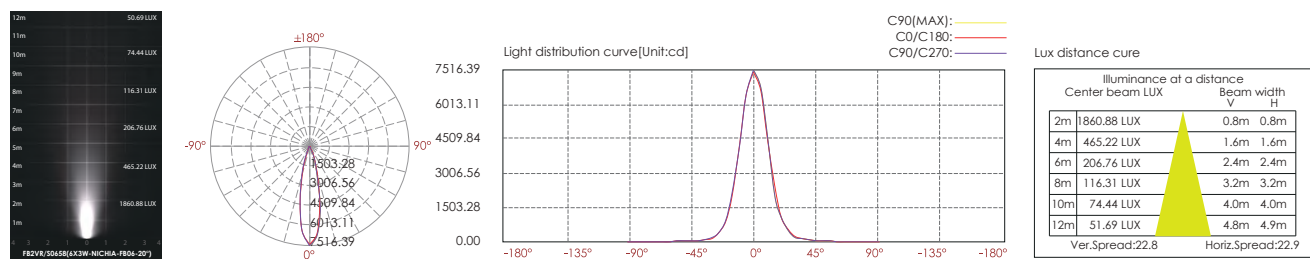
## IMPRESSION DRAWING OF LENS FBO6



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2VAR0658	6×3W	FBO6	20°	24V DC 120/240	24V=850 120V=156 240V=84	24V=20.4 120V=18.6 240V=18.8	Cool White = 1866 Warm White = 1605	09
FB2VAS0658	6×3W	FBO6	20°	24V DC 120/240	24V=850 120V=156 240V=84	24V=20.4 120V=18.6 240V=18.8	Cool White = 1866 Warm White = 1605	09

## PHOTOMETRIC CURVES

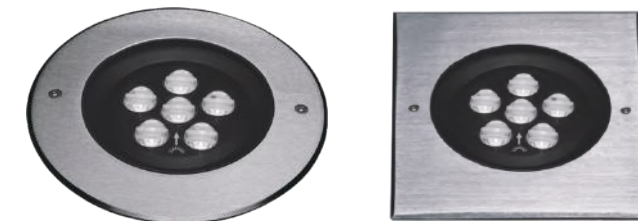
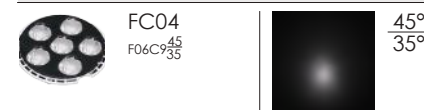


# Asymmetrical 20W High Luminance LED Inground Light

## LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

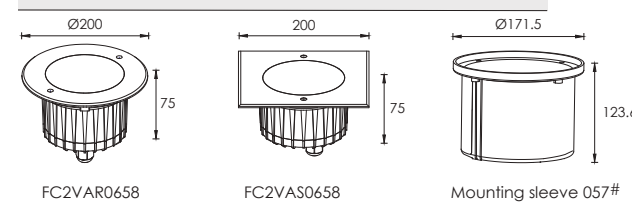
## OPTICS



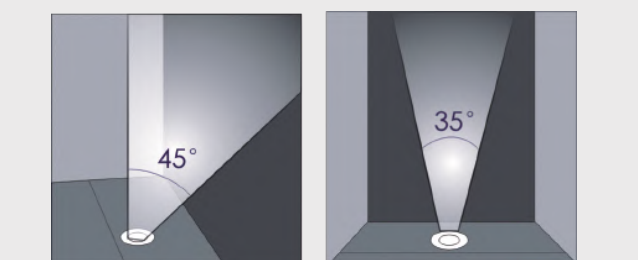
## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# Die-casting grey powder coated aluminum, T=60-80µm Adhesion of ISO class 1/ASTM class 4B
<b>FRONT RING</b>	Hard chromeplated stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	Tempered frosted step glass, T=8mm
<b>GLASS PRESSURE CAPACITY</b>	Full area=3489kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Silicone seal
<b>LED</b>	NICHIA
<b>LENS</b>	Optical lens, efficiency ≥ 85%
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C ~ 40°C
<b>POWER CABLE</b>	H05RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H05RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS 057#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OUTER DIMENSIONS & ACCESSORIES



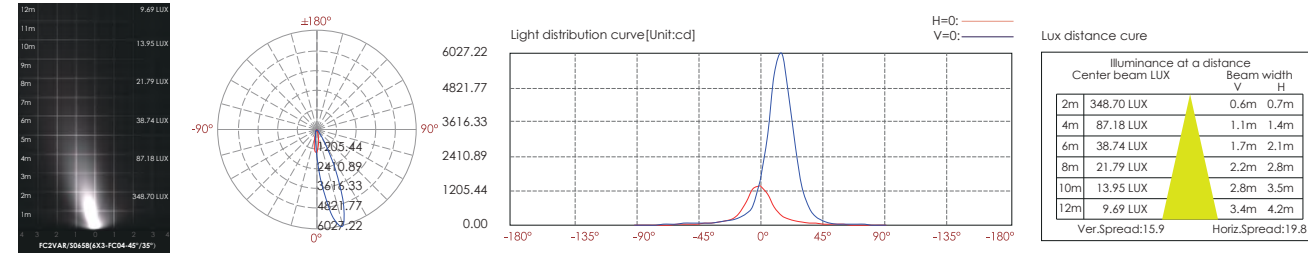
## IMPRESSION DRAWING OF LENS FC04



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2VAR0658	6×3W	FC04	45° 35°	24V DC 120/240	24V=850 120V=160 240V=89	24V=20.4 120V=18.6 240V=18.8	Cool White = 1543 Warm White = 1307	09
FC2VAS0658	6×3W	FC04	45° 35°	24V DC 120/240	24V=850 120V=160 240V=89	24V=20.4 120V=18.6 240V=18.8	Cool White = 1543 Warm White = 1307	09

## PHOTOMETRIC CURVES





# Depth Illuminant Series



# Depth Illuminant LED Inground Light

INGROUND LIGHT



### LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

### OPTICS



B33(B33D/B33F)  
L0109F023YH 9°  
L0115D023YH 15°  
L0120D023YH 20°  
L0130D023YH 30°  
L0145D023YH45°

9°(B33F)

15°

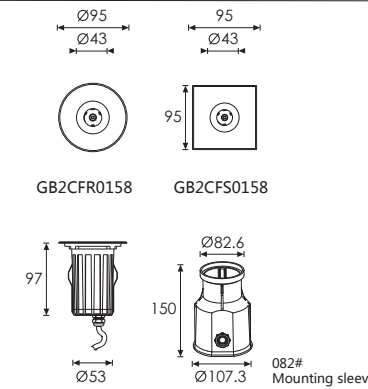
30°

20°

45°

### OUTER DIMENSIONS & ACCESSORIES

Unit:mm

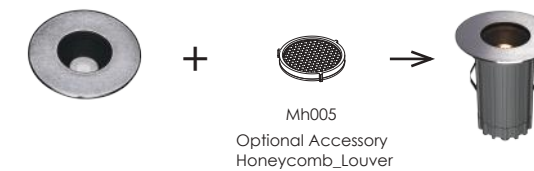


### MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# die-casting grey powder coated aluminum, T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>FRONT COVER</b>	Hard chrome plated stainless steel SUS 316L#
<b>GLASS</b>	Step tempered glass, T=6mm
<b>REFLECTOR</b>	Optical Reflector efficiency≥90%
<b>LED</b>	Osram SMD3030
<b>GLASS PRESSURE CAPACITY</b>	Full Area=1195kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Molding shaped seal
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H05RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H05RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

### OPTIONAL HONEYCOMB LOUVER

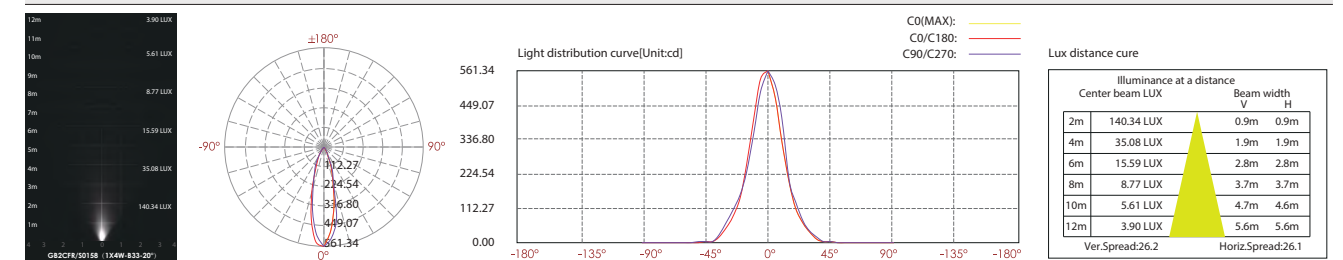
Product Overview



### TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2CFR0158	1×4W	B33D	20°	24V DC 120/240	24V=131	24V=3.10	Cool White =230	09
□ GB2CFS0158					120V=36 240V=22	120V=4.30 240V=4.10	Warm White =200	

### PHOTOMETRIC CURVES

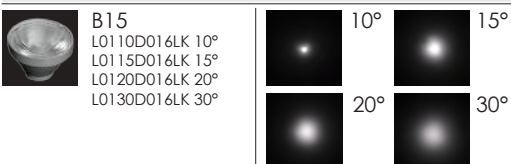


# Depth Illuminant LED Inground Light

## LED COLOUR TEMPERATURE

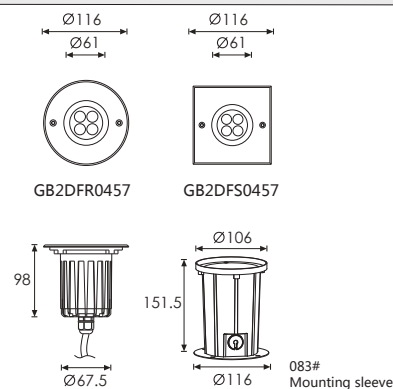
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

Unit:mm

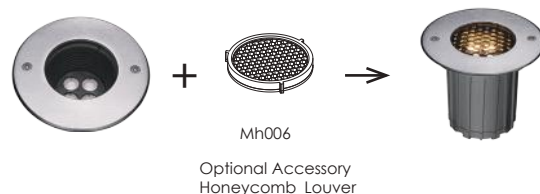


## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# die-casting grey powder coated aluminum, T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>FRONT COVER</b>	Hard chromeplated stainless steel SUS 316L#
<b>GLASS</b>	Step tempered glass.T=8mm
<b>REFLECTOR</b>	Optical Reflector efficiency=90%
<b>LED</b>	Osram SMD3030
<b>GLASS PRESSURE CAPACITY</b>	Full Area=2526kgs
<b>CABLE GLAND</b>	IP68 PG-11 PA66
<b>GASKET</b>	Molding shaped seal
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H07RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H07RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

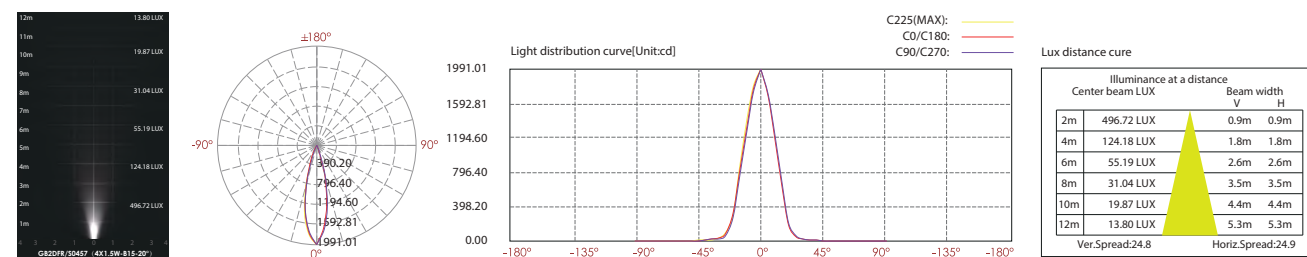
Product Overview



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2DFR0457	4×2W	B15	20°	24V DC	24V=270	24V=6.50	Cool White =600 Warm White =488	09
□ GB2DFS0457				120V/240	120V=69 240V=38	120V=7.60 240V=7.50		

## PHOTOMETRIC CURVES

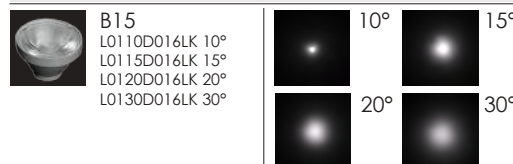


# Depth Illuminant LED Inground Light

## LED COLOUR TEMPERATURE

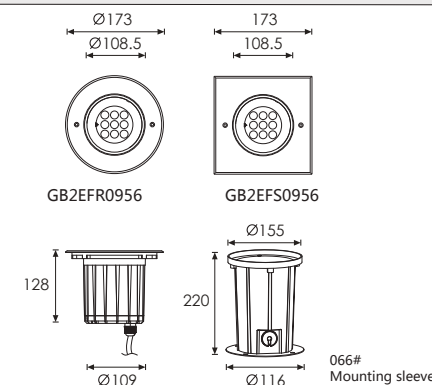
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

Unit:mm

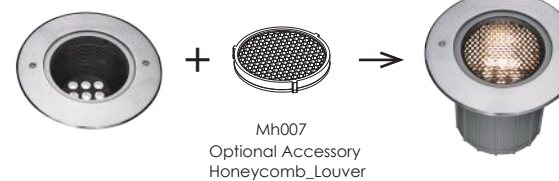


## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# die-casting grey powder coated aluminum, T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>FRONT COVER</b>	Hard chromeplated stainless steel SUS 316L#
<b>GLASS</b>	Step tempered glass.T=8mm
<b>REFLECTOR</b>	Optical Reflector efficiency=90%
<b>LED</b>	Osram SMD3030
<b>GLASS PRESSURE CAPACITY</b>	Full Area=2500kgs
<b>CABLE GLAND</b>	IP68 PG-11 PA66
<b>GASKET</b>	Molding shaped seal
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H07RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H07RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

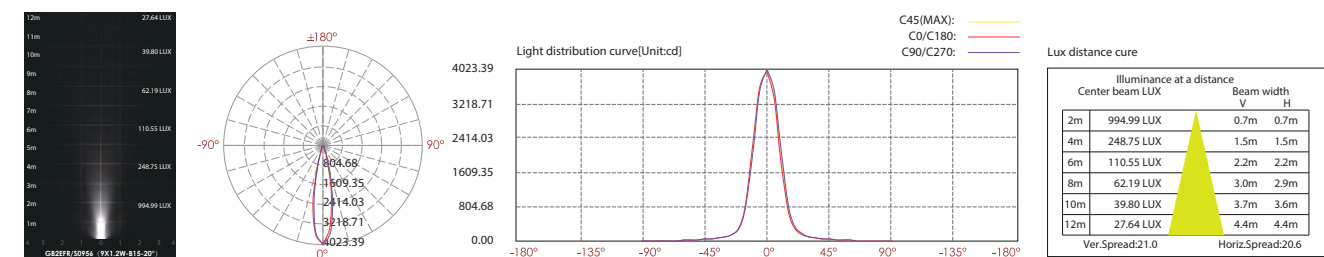
Product Overview



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2EFR0956	9×1.2W	B15	20°	24V DC	24V=521	24V=12.5	Cool White =1003 Warm White =790	10
□ GB2EFS0956				120V/240	120V=122 240V=64	120V=13.2 240V=13.2		

## PHOTOMETRIC CURVES



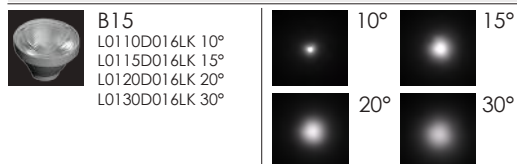
# Depth Illuminant LED Inground Light



## LED COLOUR TEMPERATURE

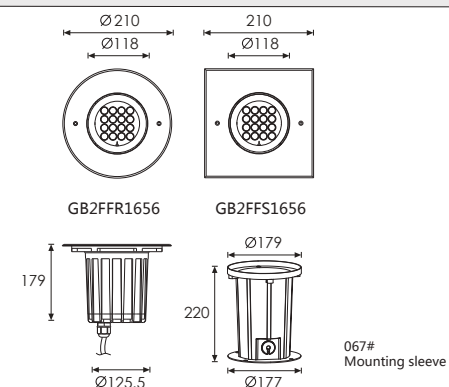
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

Unit:mm

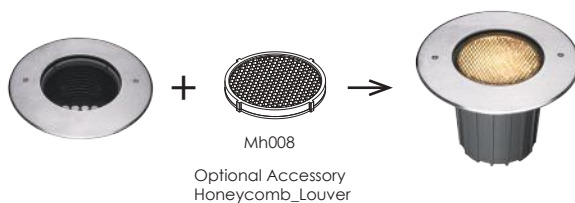


## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# die-casting grey powder coated aluminum, T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>FRONT COVER</b>	Hard chromeplated stainless steel SUS 316L#
<b>GLASS</b>	Step tempered glass.T=10mm
<b>REFLECTOR</b>	Optical Reflector efficiency=90%
<b>LED</b>	Osram SMD3030
<b>GLASS PRESSURE CAPACITY</b>	Full Area=2961kgs
<b>CABLE GLAND</b>	IP68 PG-11 PA66
<b>GASKET</b>	Molding shaped seal
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H07RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H07RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS 067#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

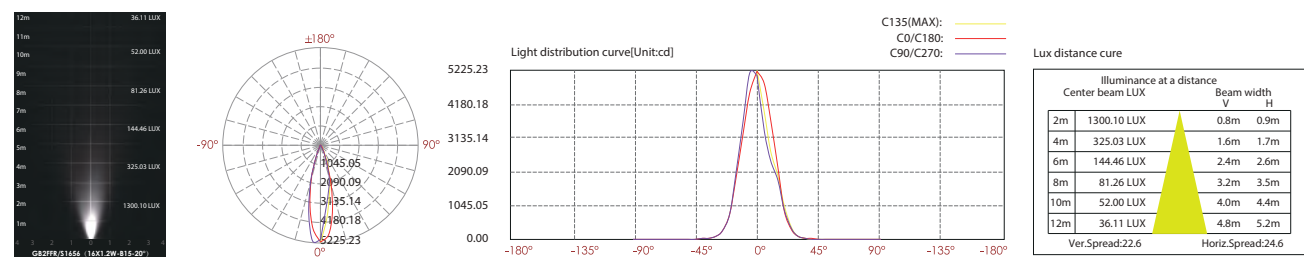
Product Overview



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2FFR1656	16x1.2W	B15	20°	24V DC	24V=830	24V=20	Cool White =1215 Warm White =1155	10
□ GB2FFS1656				120V/240	120V=166 240V=84	120V=19 240V=18.5		

## PHOTOMETRIC CURVES



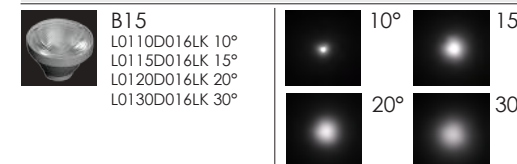
# Depth Illuminant LED Inground Light



## LED COLOUR TEMPERATURE

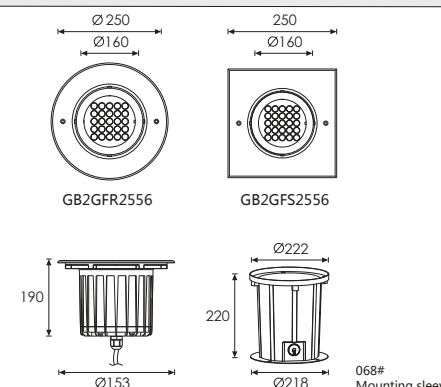
2000K · 3000K · 6000K

## OPTICS



## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# die-casting grey powder coated aluminum, T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
<b>FRONT COVER</b>	Hard chromeplated stainless steel SUS 316L#
<b>GLASS</b>	Step tempered glass.T=10mm
<b>REFLECTOR</b>	Optical Reflector efficiency=90%
<b>LED</b>	Osram SMD3030
<b>GLASS PRESSURE CAPACITY</b>	Full Area=5513kgs
<b>CABLE GLAND</b>	IP68 PG-11 PA66
<b>GASKET</b>	Molding shaped seal
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H07RN-F 2X1.0mm <sup>2</sup> L=0.5m (low voltage) H07RN-F 3X1.0mm <sup>2</sup> L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS 068#
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

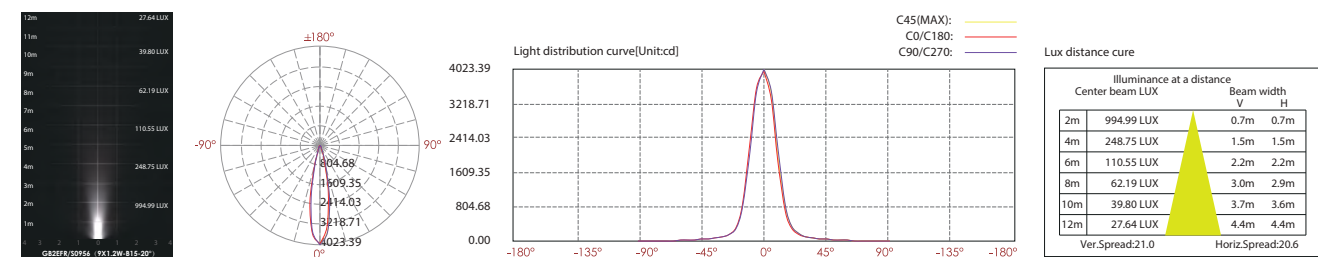
Product Overview



## TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
○ GB2GFR2556	25x1.0W	B15	20°	24V DC	24V=1490	24V=35.6	Cool White =2573 Warm White =2249	10
□ GB2GFS2556				120V/240	120V=252 240V=133	120V=30 240V=29.6		

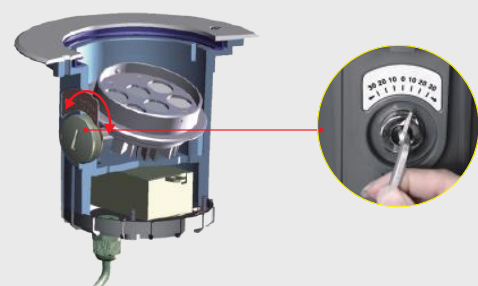
## PHOTOMETRIC CURVES





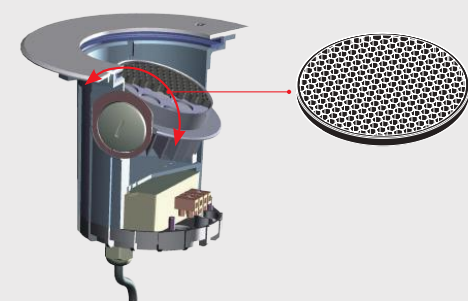
# Adjustable Beam Direction Series

## FEATURE



### A simplicity of wider angle adjustment

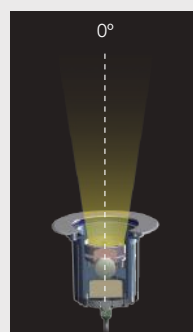
- In according to the environment require to adjust the angle of light



### Honey comb - Good choice for soft light

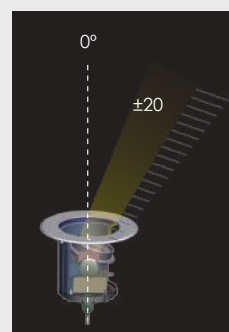
- The honey comb louver will be synchronized changed along with the light beam angle

## Luminous beam comparison before and after the adjustment



- The light of vertical direction
- Typical luminance (vertical direction)

Cool White=1885  
Warm White=1389



- The view of light direction when the beam angle moved
- The rest of luminance after moving 20 degrees

Cool White =1621  
Warm White=1195

# Adjustable Beam Direction LED Inground Light



## LED COLOUR TEMPERATURE

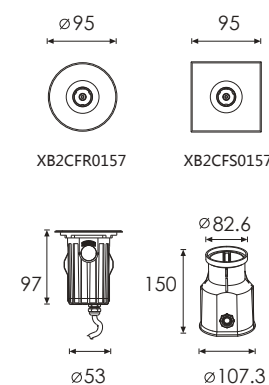
2000K · 3000K · 6000K

## OPTICS

B33 (B33D/B33F)	9°(B33F) L0109F023YH	15° L0115D023YH
20° L0120D023YH	30° L0130D023YH	45° L0145D023YH

## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



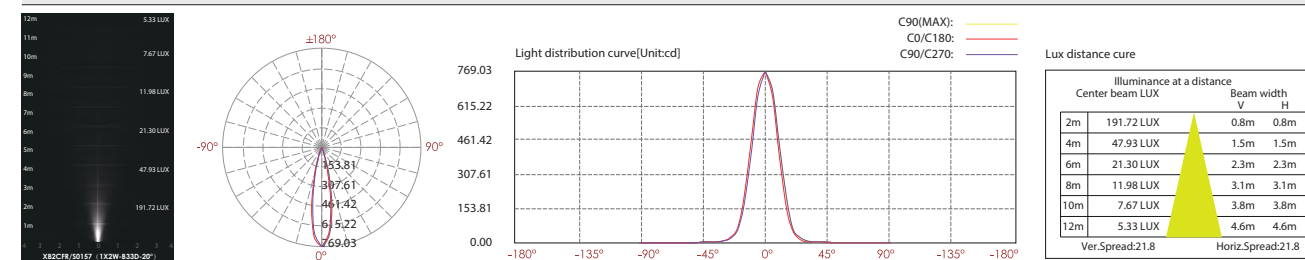
## MATERIAL SPECIFICATIONS

<b>HOUSING</b>	12# die-casting grey powder coated aluminum   T=60-80μm. Adhesion of ISO class 1/ASTM class 4B
<b>FRONT COVER</b>	Hard chromeplated stainless steel SUS 316L#
<b>GLASS</b>	Step tempered white coating glass.T=6mm
<b>GLASS PRESSURE CAPACITY</b>	Full Area=1195kgs
<b>CABLE GLAND</b>	IP68 PG-9 PA66
<b>GASKET</b>	Molding shaped seal
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	-20°C~40°C
<b>POWER CABLE</b>	H05RN-F 2X1.0mm2 L=0.5m (low voltage)   H05RN-F 3X1.0mm2 L=0.5m (high voltage)
<b>MOUNTING SLEEVE</b>	ABS Housing with iron base
<b>DIMMABLE SUPPORT</b>	Triac PWM 1-10V Dali

## TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>XB2CFR0157</b> <b>XB2CFS0157</b>	1×2W	B33D	20°	24V DC 120/240	24V = 110 120V = 43 240V = 27	24V = 2.6 120V = 3.2 240V = 3.2	Cool White = 147 Warm White = 122	09

## PHOTOMETRIC CURVES



# Adjustable Beam Direction LED Inground Light

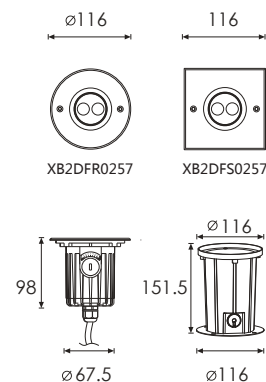


## LED COLOUR TEMPERATURE

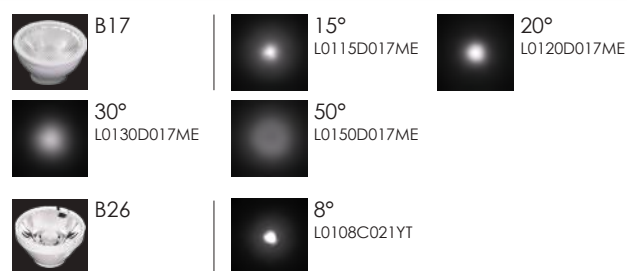
2000K · 3000K · 6000K

## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



## OPTICS

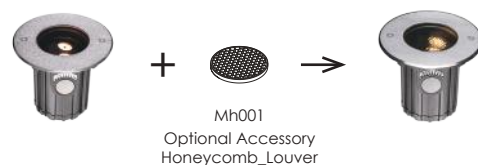


## MATERIAL SPECIFICATIONS

- HOUSING** | 12# die-casting grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- GLASS** | Step tempered white coating glass.T=8mm
- GLASS PRESSURE CAPACITY** | Full Area=2526kgs
- CABLE GLAND** | IP68 PG-11 PA66
- GASKET** | Molding shaped seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H07RN-F 2X1.0mm2 L=0.5m (low voltage)  
H07RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS Housing with diron base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

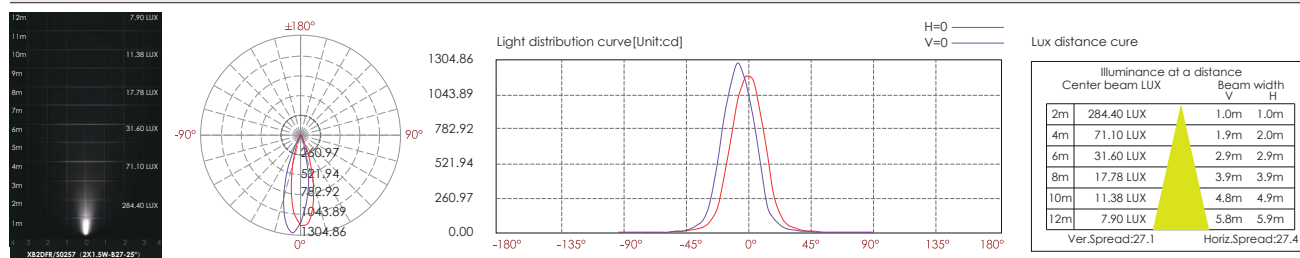
Product Overview



## TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>XB2DFR0257</b> <b>XB2DFS0257</b>	2x1.5W	B17	20°	24V DC 120/240	24V = 150 120V = 36 240V = 24	24V = 3.6 120V = 3.8 240V = 3.8	Cool White = 250 Warm White = 190	09

## PHOTOMETRIC CURVES



# Adjustable Beam Direction LED Inground Light

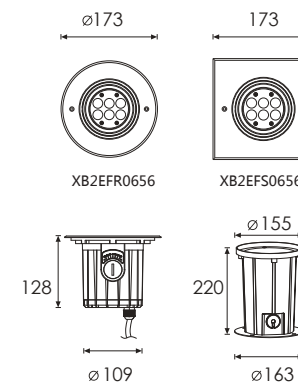


## LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



## OPTICS

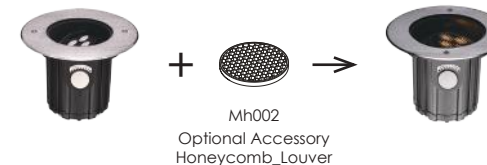


## MATERIAL SPECIFICATIONS

- HOUSING** | 12# die-casting grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- GLASS** | Step tempered white coating glass.T=8mmFull
- GLASS PRESSURE CAPACITY** | Area=2621kgs
- CABLE GLAND** | IP68 PG-11 PA66
- GASKET** | Molding shaped seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H07RN-F 2X1.0mm2 L=0.5m (low voltage)  
H07RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS Housing with diron base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

## OPTIONAL HONEYCOMB LOUVER

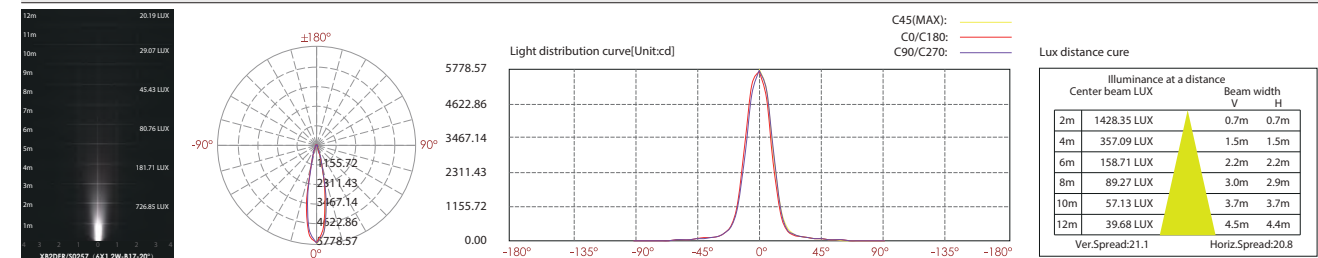
Product Overview



## TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>XB2EFR0656</b> <b>XB2EFS0656</b>	6x1.2W	B17	20°	24V DC 120/240	24V = 325 120V = 70 240V = 46	24V = 7.8 120V = 9.2 240V = 9.2	Cool White = 700 Warm White = 570	10

## PHOTOMETRIC CURVES



# Adjustable Beam Direction LED Inground Light

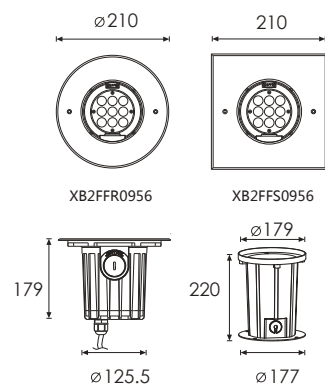


### LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

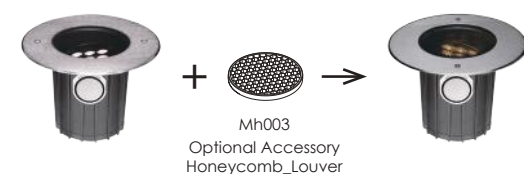
### OUTER DIMENSIONS & ACCESSORIES

Unit:mm



### OPTIONAL HONEYCOMB LOUVER

Product Overview



### OPTICS



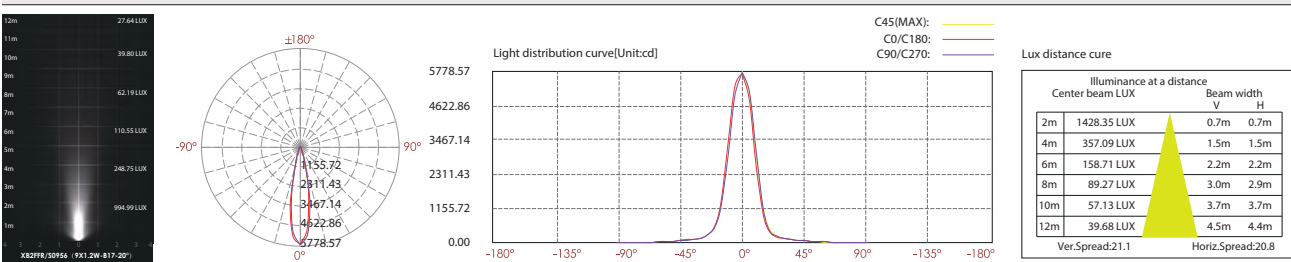
### MATERIAL SPECIFICATIONS

- HOUSING** | 12# die-casting grey powder coated aluminum T=60-80 $\mu$ m. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- GLASS** | Step tempered white coating glass.T=8mm
- GLASS PRESSURE CAPACITY** | Full Area=2961kgs
- CABLE GLAND** | IP68 PA66 PG-11
- GASKET** | Molding shaped seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H07RN-F 2X1.0mm2 L=0.5m (low voltage)  
| H07RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS Housing with diron base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

### TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°) $\phi$ 1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2FFR0956 XB2FFS0956	9x1.2W	B17	20°	24V DC 120/240	24V = 500 120V = 112 240V = 64	24V = 12 120V = 13.2 240V = 13.2	Cool White = 1090 Warm White = 756	10

### PHOTOMETRIC CURVES



# Adjustable Beam Direction LED Inground Light

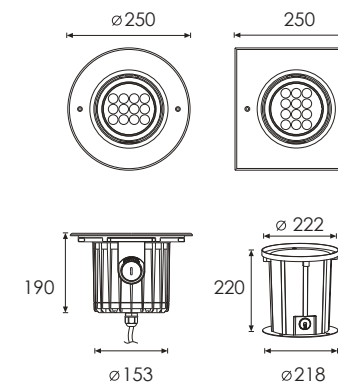


### LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

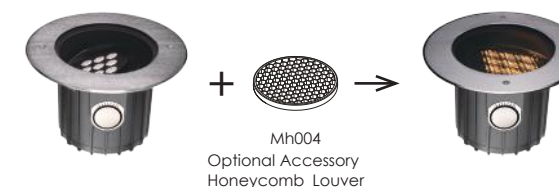
### OUTER DIMENSIONS & ACCESSORIES

Unit:mm

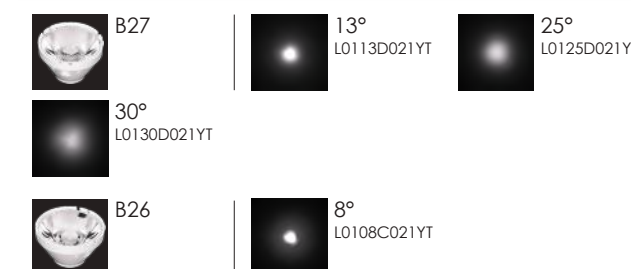


### OPTIONAL HONEYCOMB LOUVER

Product Overview



### OPTICS



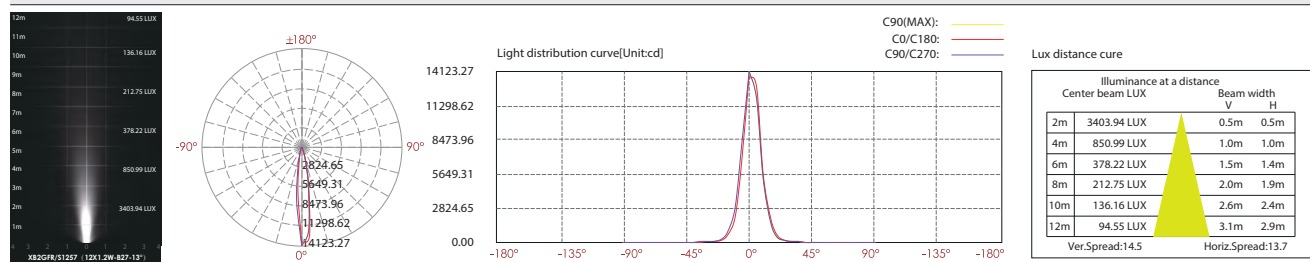
### MATERIAL SPECIFICATIONS

- HOUSING** | 12# die-casting grey powder coated aluminum T=60-80 $\mu$ m. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated stainless steel SUS 316L#
- GLASS** | Step tempered white coating glass.T=10 mm
- GLASS PRESSURE CAPACITY** | Full Area=5513kgs
- CABLE GLAND** | IP68 PA66 PG-13.5
- GASKET** | Molding shaped seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m (low voltage)  
| H05RN-F 3X1.0mm2 L=0.5m (high voltage)
- MOUNTING SLEEVE** | ABS Housing with diron base
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

### TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°) $\phi$ 1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2GFR1257 XB2GFS1257	12x1.5W	B27	13°	24V DC 120/240	24V = 1020 120V = 151 240V = 82	24V = 24.5 120V = 18.2 240V = 18.2	Cool White = 1885 Warm White = 1389	10

### PHOTOMETRIC CURVES





# Beam Direction Adjustable Inground Light



### LED COLOUR TEMPERATURE

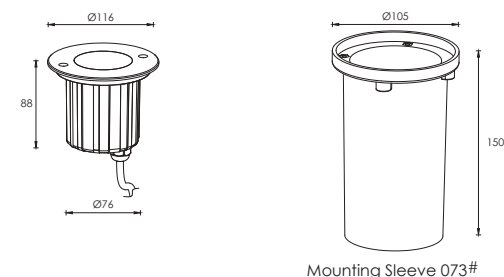
2000K · 3000K · 6000K

### OPTICS



### OUTER DIMENSIONS & ACCESSORIES

Unit:mm

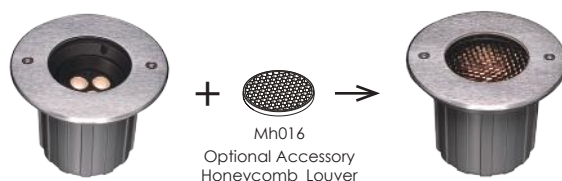


### MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum  
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated Stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=6mm
- LENS** | Optical lens efficiency≥85%
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=1226kgs
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped seal
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)  
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 073#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

### OPTIONAL HONEYCOMB LOUVER

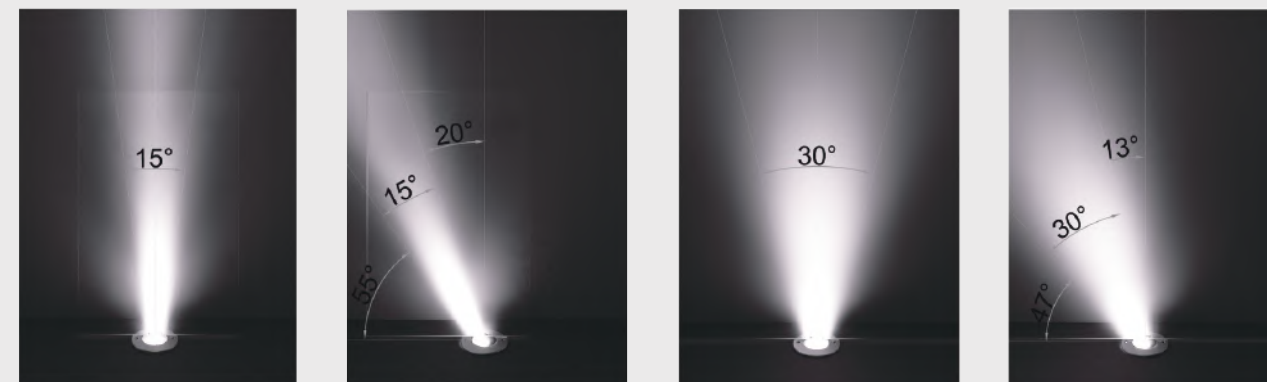
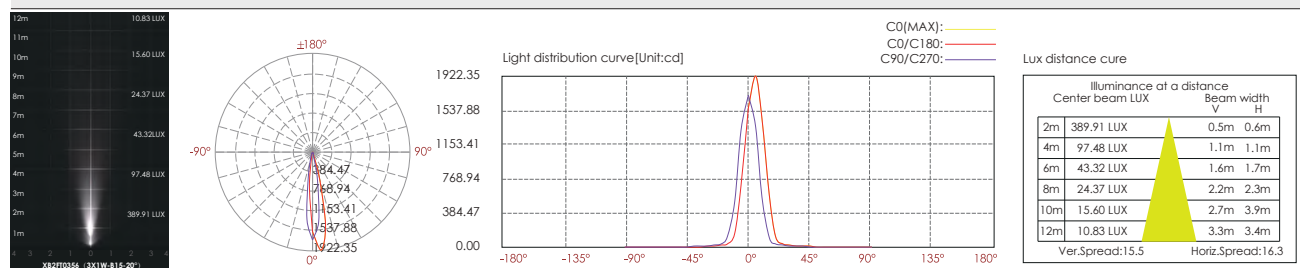
Product Overview



### TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
<b>XB2FT0356</b>	3 × 1W	B15	20°	24V DC 120/240	24V = 131 120V = 54 240V = 30	24V = 3.1 120V = 3.8 240V = 3.8	Cool White = 320 Warm White = 294	09

### PHOTOMETRIC CURVES





# Beam Direction Adjustable Inground Light



XB2BG0357

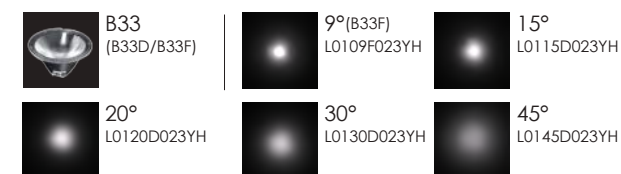


XB2BG0357 L

### LED COLOUR TEMPERATURE

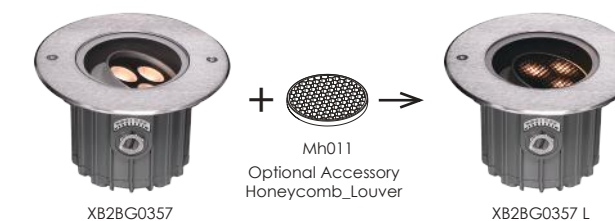
2000K · 3000K · 6000K

### OPTICS



### OPTIONAL HONEYCOMB LOUVER

Product Overview



XB2BG0357

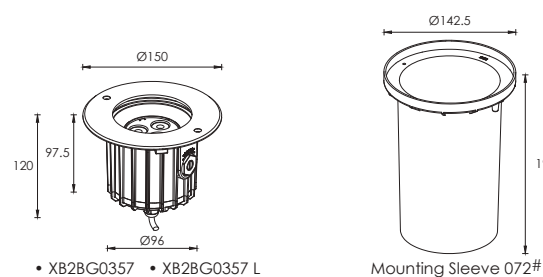
XB2BG0357 L

### MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting grey powder coated aluminum  
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chromeplated Stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=8mm
- LENS** | Optical lens efficiency≥90%
- LED** | OSRAM or NICHIA
- GLASS PRESSURE CAPACITY** | Full area=783kgs
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Molding shaped silicone seal
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=0.5m(low voltage)  
H05RN-F 3X1.0mm2 L=0.5m(high voltage)
- MOUNTING SLEEVE** | ABS 072#
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

### OUTER DIMENSIONS & ACCESSORIES

Unit:mm



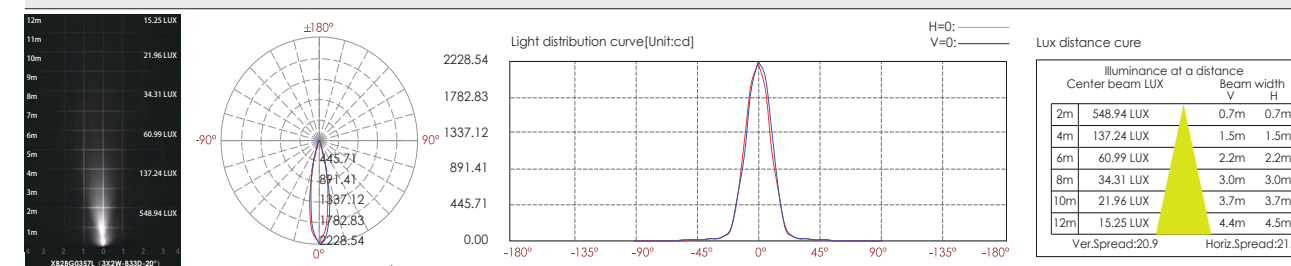
• XB2BG0357 • XB2BG0357 L

Mounting Sleeve 072#

### TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
XB2BG0357	3×2W	B33D	20°	24V DC	24V = 216	24V = 5.2	Cool White = 479	09
				120V/240	120V = 51	120V = 6	Warm White = 376	
					240V = 30	240V = 6		
XB2BG0357 L	3×2W	B33D	20°	24V DC	24V = 216	24V = 5.2	Cool White = 400	09
				120V/240	120V = 51	120V = 6	Warm White = 282	
					240V = 30	240V = 6		

### PHOTOMETRIC CURVES



# GX5.3 & GU10 Socket Available Inground Luminaire



## LED COLOUR TEMPERATURE

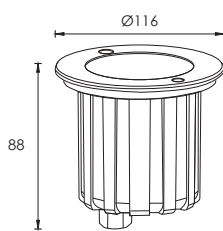
2000K · 3000K · 6000K

## MATERIAL SPECIFICATIONS

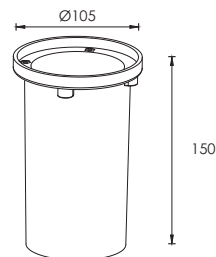
- HOUSING** | 12# Die-casting grey powder coated aluminum  
T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass.T=6mm
- GASKET** | Molding shaped silicone seal
- GLASS PRESSURE CAPACITY** | Full area=1920kgs
- CABLE GLAND** | IP68 PG-9 PA66
- POWER CABLE** | H05RN-F 3X1.0mm<sup>2</sup> L=0.5m[for single color]
- MOUNTING SLEEVE** | ABS 073#

## OUTER DIMENSIONS & ACCESSORIES

Unit:mm



• D2FU0110 • D2FU0113



Mounting Sleeve 073#

## LIGHTING SOURCES OPTION



- GU-10 Pin Halogen Lamp**
- 50W maximum power limit
  - Input voltage is according to halogen lamp spec.



- GU-10 Pin LED Lamp**
- Maximum power limit is according to GU10 pin spec.
  - Input voltage is according to GU10 pin spec.

## TECHNICAL DATA

ITEM	LAMP SOCKET	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)
D2FU0110	GU-10		
D2FU0113	G-5.3		

