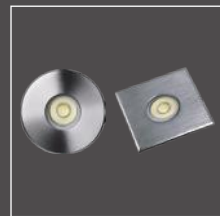
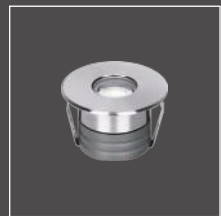


INGROUND LIGHT RECESSED WOODEN FLOOR LIGHT

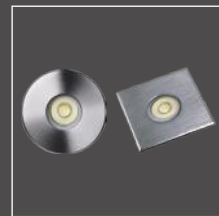
product overview



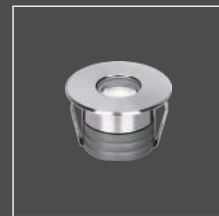
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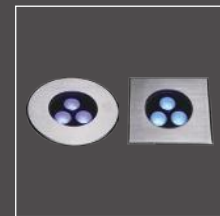
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146



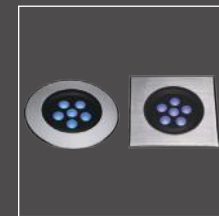
147



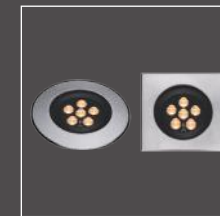
148



149



150



152

Symmetrical

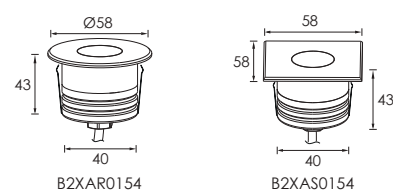


LED COLOUR TEMPERATURE

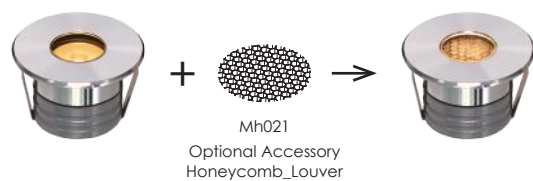
3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



OPTIONAL HONEYCOMB LOUVER



INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm

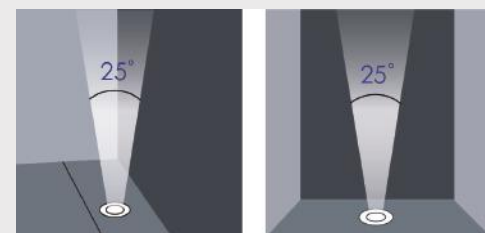
OPTICS



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass. T=7mm
- LED** | NICHIA
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dim

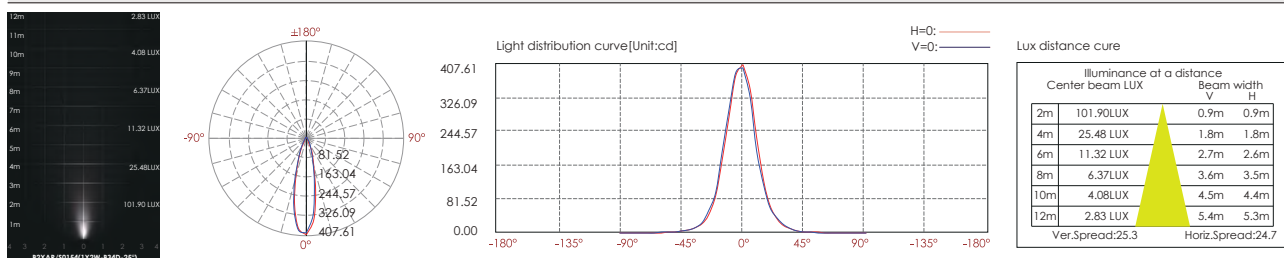
IMPRESSION DRAWING OF LENS B34D



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2XAR0154	1×2W Single color	B34D	25°	24V DC	100	2.4	Cool White = 130 Warm White = 110	08
B2XAS0154	1×2W Single color	B34D	25°	24V DC	100	2.4	Cool White = 130 Warm White = 110	08

PHOTOMETRIC CURVES



Asymmetrical



LED COLOUR TEMPERATURE

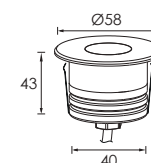
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

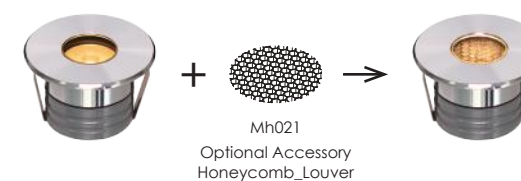
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass. T=7mm
- LED** | NICHIA
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=0.5m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dim

OPTIONAL HONEYCOMB LOUVER

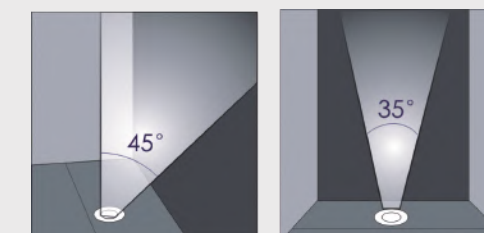


INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm

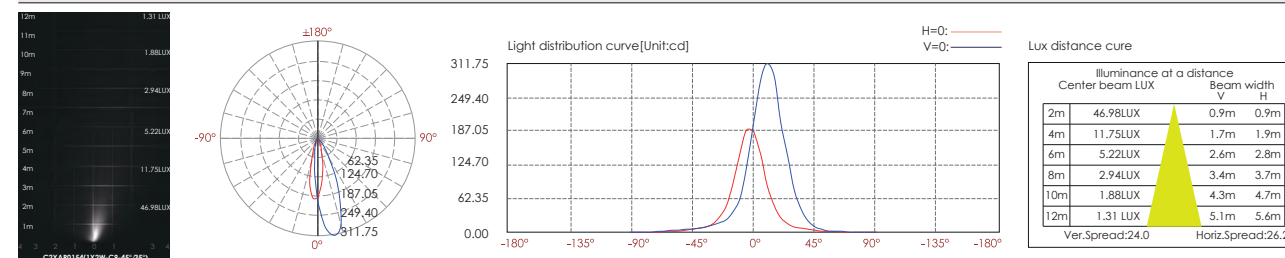
IMPRESSION DRAWING OF LENS C9



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2XAR0154	1×2W Single color	C9	45° 35°	24V DC	100	2.4	Cool White = 100 Warm White = 88	08

PHOTOMETRIC CURVES



Symmetrical

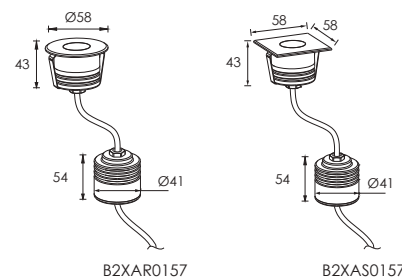
Asymmetrical

LED COLOUR TEMPERATURE

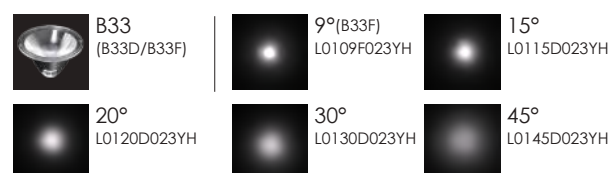
2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



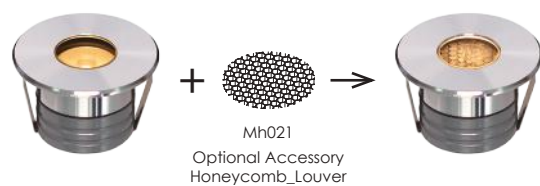
OPTICS



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass. T=7mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3X1.0mm2 L=0.5m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER



INSTALLATION DIAGRAM



A: Minimum space for external driver is 48mm
B: IP67 120V/240V/24V&RGB 24V external input driver

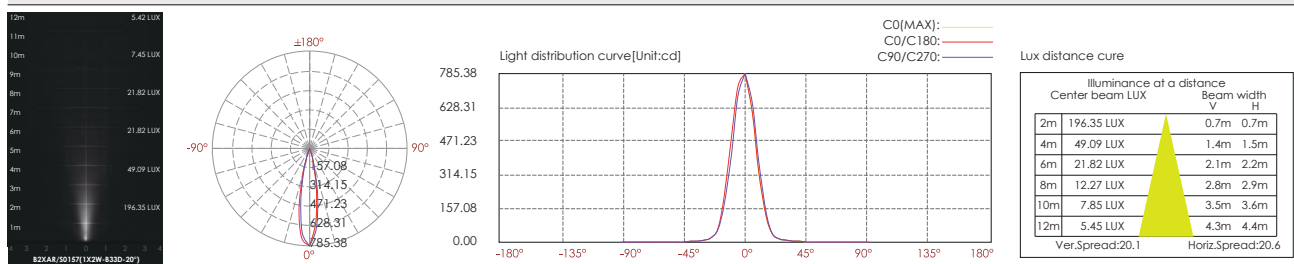
IMPRESSION DRAWING OF LENS B33D



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B2XAR0157	1×2W Single color	B33D	20°	24V DC	24V = 88	24V = 2.6	Cool White = 130	08
				120V/240	120V = 46	120V = 3.2	Warm White = 110	
				240V = 29	240V = 3.1			
B2XAS0157	1×2W Single color	B33D	20°	24V DC	24V = 88	24V = 2.6	Cool White = 130	08
				120V/240	120V = 46	120V = 3.2	Warm White = 110	
				240V = 29	240V = 3.1			

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

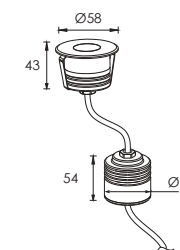
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



INSTALLATION DIAGRAM

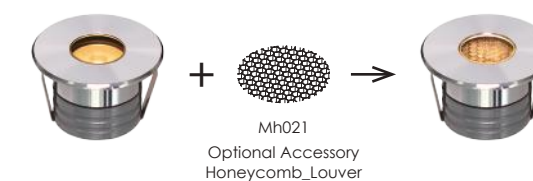


A: Minimum space for external driver is 48mm
B: IP67 120V/240V/24V&RGB 24V external input driver

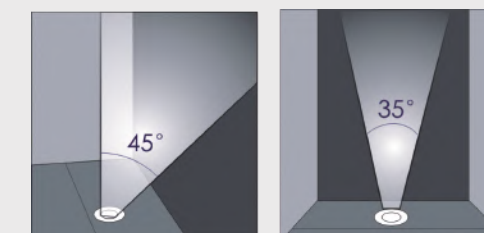
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chromeplated stainless steel SUS 316#
- LIGHT WINDOW** | Tempered frosted step glass. T=7mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=1106kgs
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 3X1.0mm2 L=0.5m
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTIONAL HONEYCOMB LOUVER



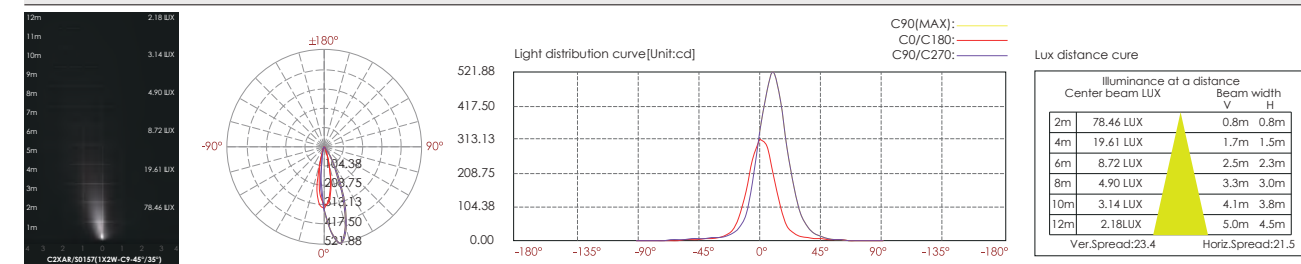
IMPRESSION DRAWING OF LENS C9



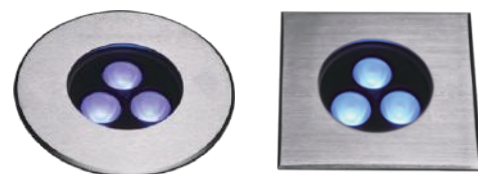
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
C2XAR0157	1×2W Single color	C9	45° 35°	24V DC	24V = 88	24V = 2.6	Cool White = 130	08
				120V/240	120V = 46	120V = 3.2	Warm White = 113	
				240V = 29	240V = 3.1			

PHOTOMETRIC CURVES



Symmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

INSTALLATION DIAGRAM

High Voltage



Low Voltage



A: Minimum space for external driver is 48mm
B: External IP67 water-proof box for driver of high voltage · RGB · RGBW type

OPTICS

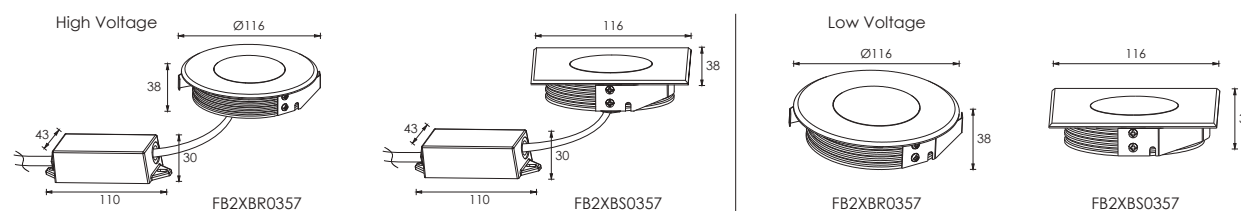


MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
FRONT RING	1 Hard chrome plated stainless steel SUS 316L#
LIGHT WINDOW	1 Tempered frosted step glass. T=8mm
LED	1 OSRAM
GLASS PRESSURE CAPACITY	1 Full area=3370kgs
OPERATING TEMPERATURE	1 -20°C~40°C
POWER CABLE	1 H05RN-F 2X1.0mm2 L=0.5m(low voltage) 1 H05RN-F 3X1.0mm2 L=0.5m(high voltage)
DIMMABLE SUPPORT	1 Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

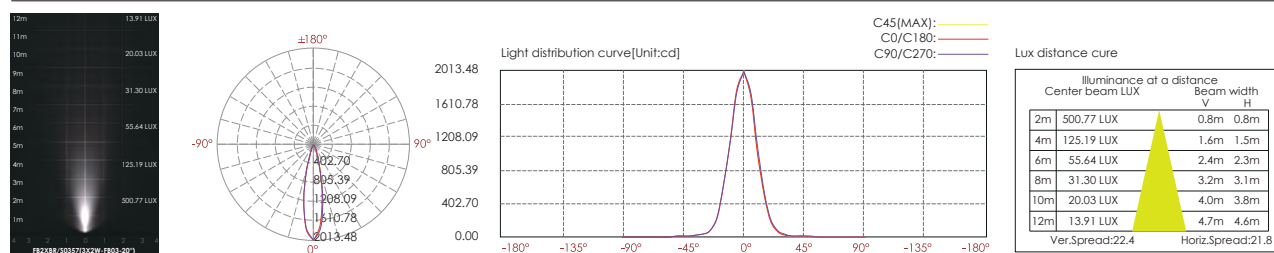
Unit:mm



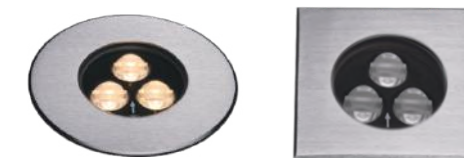
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2XBR0357	3×2W Single color	FB03	20°	24V DC	24V = 220	24V = 5.3	Cool White = 452	08
				120V/240	120V = 47	120V = 5.6	Warm White = 388	
				240V = 25	240V = 5.7			
FB2XBS0357	3×2W Single color	FB03	20°	24V DC	24V = 220	24V = 5.3	Cool White = 452	08
				120V/240	120V = 47	120V = 5.6	Warm White = 388	
				240V = 25	240V = 5.7			

PHOTOMETRIC CURVES



Asymmetrical



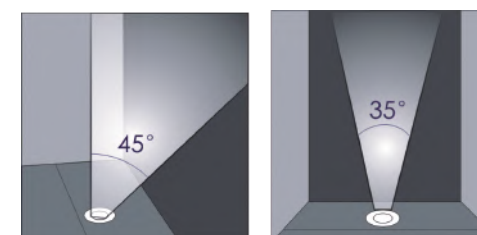
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

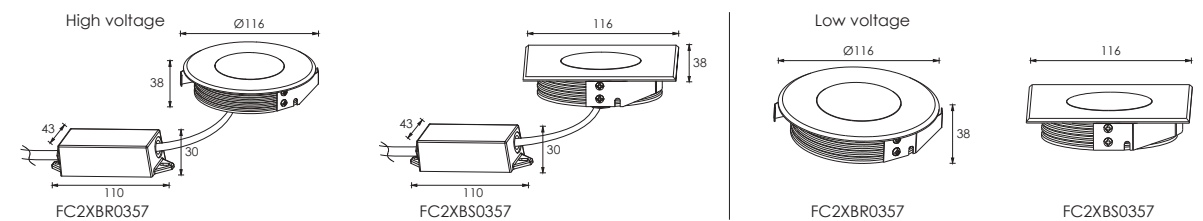


IMPRESSION DRAWING OF LENS FC02



OUTER DIMENSIONS & ACCESSORIES

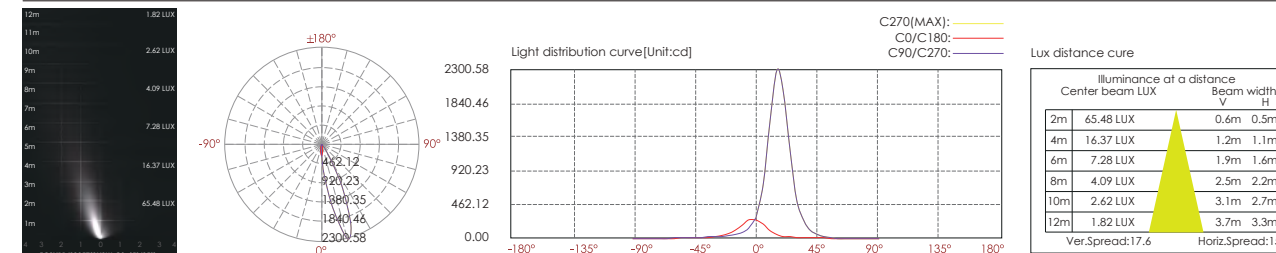
Unit:mm



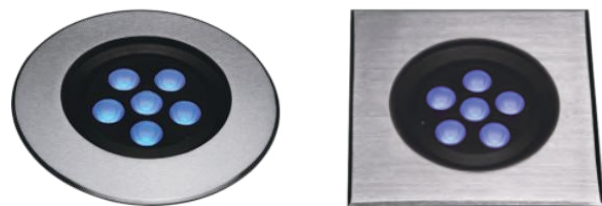
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2XBR0357	3×2W Single color	FC02	45° 35°	24V DC	24V = 220	24V = 5.3	Cool White = 327	08
				120V/240	120V = 47	120V = 5.6	Warm White = 287	
				240V = 25	240V = 5.7			
FC2XBS0357	3×2W Single color	FC02	45° 35°	24V DC	24V = 220	24V = 5.3	Cool White = 327	08
				120V/240	120V = 47	120V = 5.6	Warm White = 287	
				240V = 25	240V = 5.7			

PHOTOMETRIC CURVES



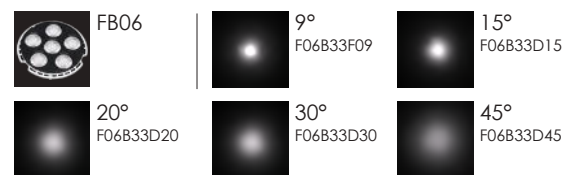
Symmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

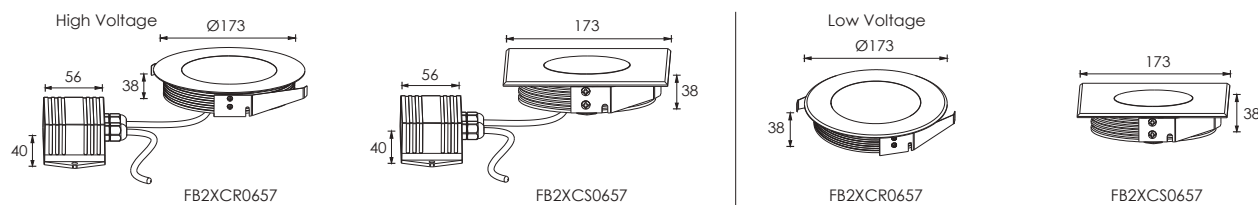


MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark 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=8mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=3370kgs
- 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)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OUTER DIMENSIONS & ACCESSORIES

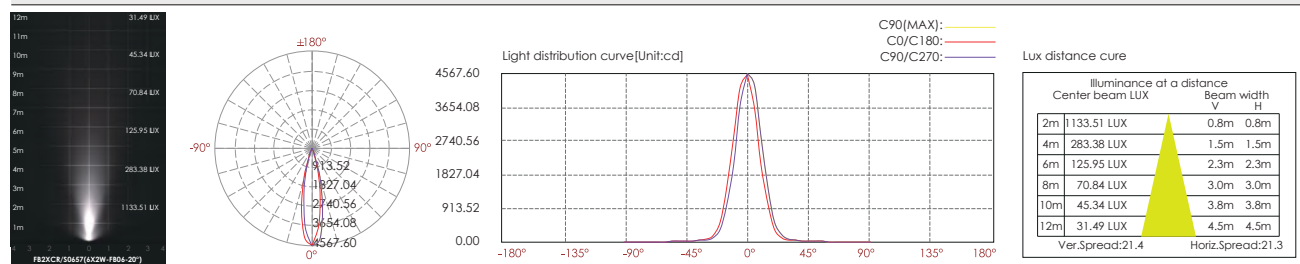
Unit:mm



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB2XCR0657	6×2W Single color	FB06	20°	24V DC	24V = 541	24V = 13	Cool White = 956 Warm White = 783	08
				120V/240	120V = 111	120V = 13.5		
					240V = 64	240V = 13.7		
FB2XCS0657	6×2W Single color	FB06	20°	24V DC	24V = 541	24V = 13	Cool White = 956 Warm White = 783	08
				120V/240	120V = 111	120V = 13.5		
					240V = 64	240V = 13.7		

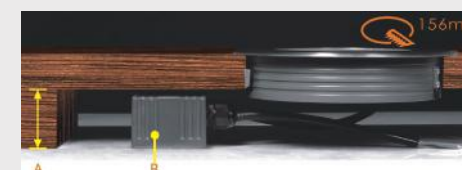
PHOTOMETRIC CURVES



INSTALLATION DIAGRAM

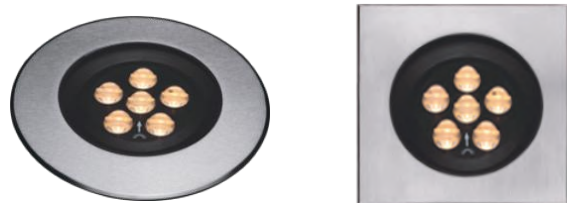
High Voltage

Low Voltage



A: Minimum space for external driver is 48mm
B: External IP67 water-proof box for driver of high voltage type

Asymmetrical



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

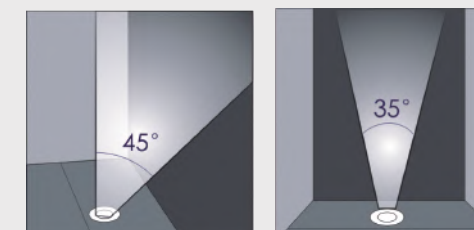
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum
T=60-80µm, Adhesion of ISO class 1/ASTM class 4B
- FRONT RING** | Hard chrome plated stainless steel SUS 316L#
- LIGHT WINDOW** | Tempered frosted step glass, T=8mm
- LED** | OSRAM
- GLASS PRESSURE CAPACITY** | Full area=3370kgs
- 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)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

OPTICS

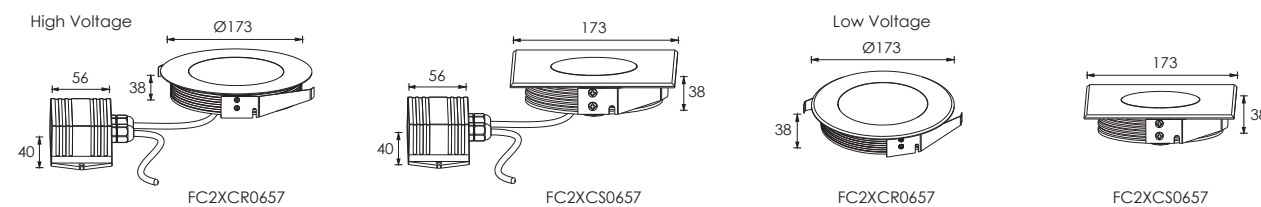


IMPRESSION DRAWING OF LENS FC04



OUTER DIMENSIONS & ACCESSORIES

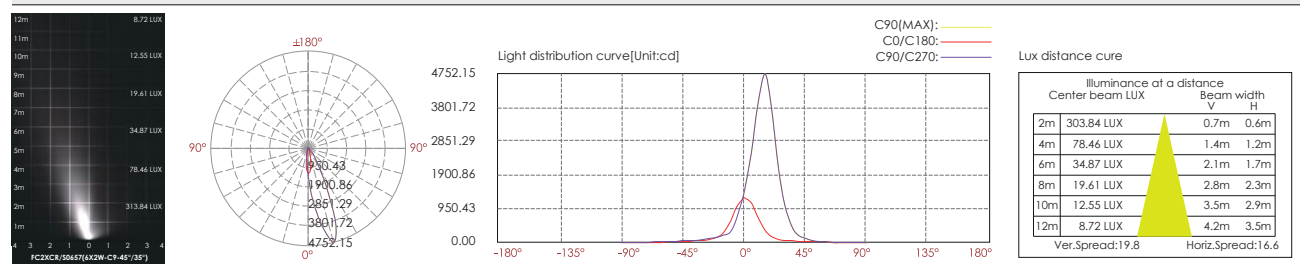
Unit:mm



TECHNICAL DATA

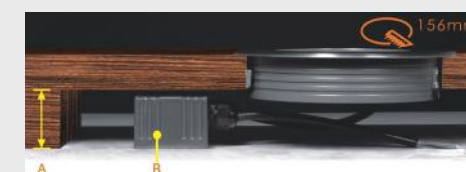
ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FC2XCR0657	6×2W Single color	FC04	45° 35°	24V DC	24V = 541	24V = 13	Cool White = 753	08
				120/240	120V = 111	120V = 13.5	Warm White = 613	
					240V = 64	240V = 13.7		
FC2XCS0657	6×2W Single color	FC04	45° 35°	24V DC	24V = 541	24V = 13	Cool White = 757	08
				120/240	120V = 111	120V = 13.5	Warm White = 613	
					240V = 64	240V = 13.7		

PHOTOMETRIC CURVES



INSTALLATION DIAGRAM

High Voltage



Low Voltage



- A: Minimum space for external driver is 48mm
- B: External IP67 water-proof box for driver of high voltage type