

SPOT LIGHT

product overview



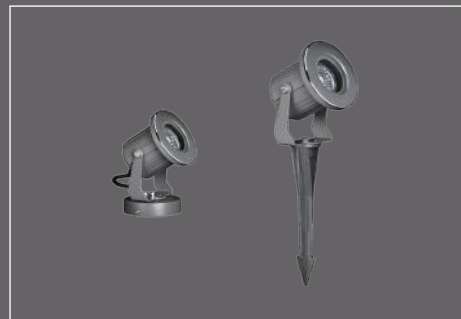
156



157



158



159



160



161



162



164



165



166



167



168



169



170



172



174



175



176



177



178



179



180



181

LED COLOUR TEMPERATURE

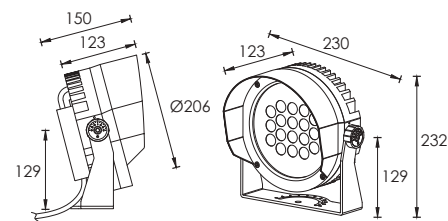
2000K · 3000K · 6000K

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
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | Copper and nickel coated
- LENS** | Optical lens. efficiency≥85%
- LED** | OSRAM
- BRACKET** | Powder coated aluminum. T=2.5mm
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

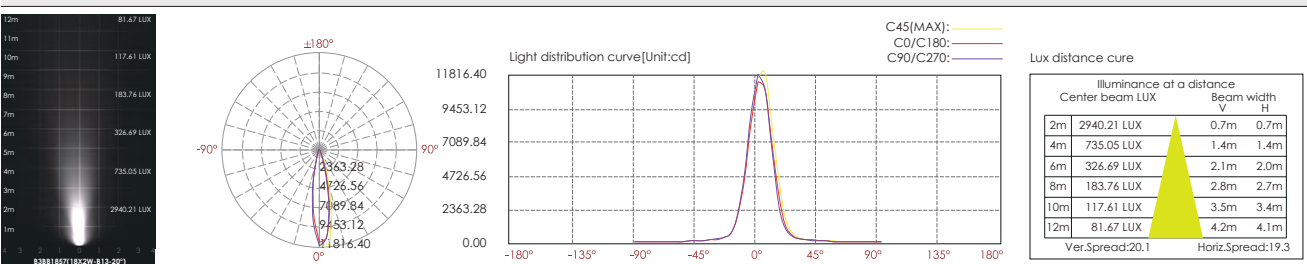
HOUSING COLOR OPTION

<p>Basic</p>  <p>Sanded Dark Grey KAP 7037</p>	<p>Secondary</p>  <p>Silver Grey KAP 9022</p>	 <p>Sanded Black RAL9005</p>	 <p>Heat radiation structure</p>	 <p>High Precision Gear Vertical Rotation System</p>
---	--	---	---	---

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3BB1857	18×2W	B13	20°	24V DC 120/240	24V = 1500 120V = 320 240V = 155	24V = 36 120V = 35 240V = 35	Cool White = 2529 Warm White = 1927	09

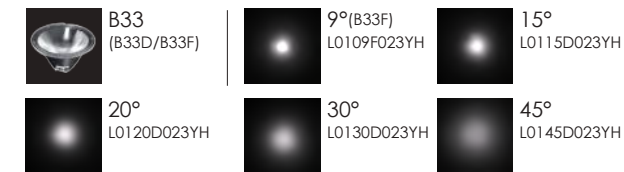
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

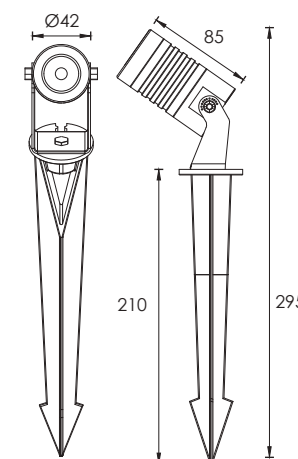
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



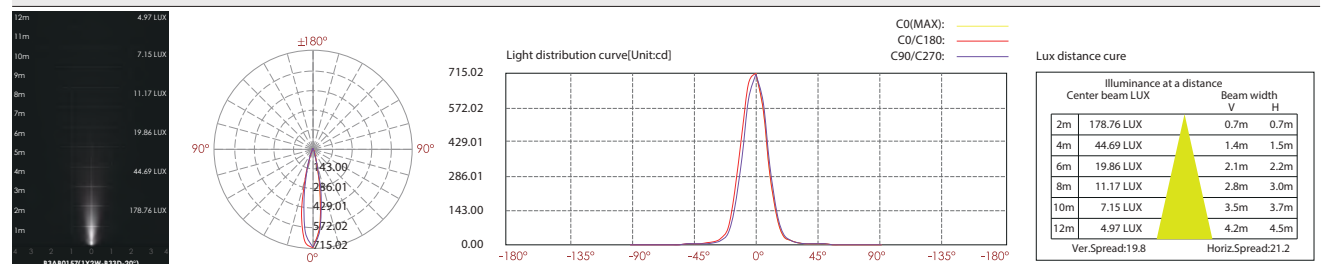
HOUSING COLOR OPTION

<p>Basic</p>  <p>Sanded Dark Grey KAP 7037</p>	<p>Secondary</p>  <p>Silver Resistant Paint RAL 9006</p>	 <p>Matt Black RAL9005</p>
---	---	---

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3AB0157	1×2W	B33D	20°	24V DC 120/240	24V = 110 120V = 48 240V = 28	24V = 2.6 120V = 3 240V = 3.1	Cool White = 149 Warm White = 120	02

PHOTOMETRIC CURVES



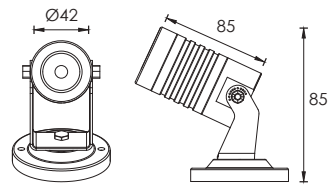


LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



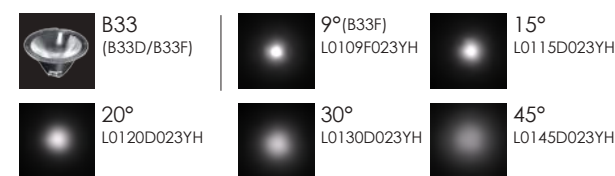
MATERIAL SPECIFICATIONS

- FRONT COVER&HOUSING** | Aluminum anodized finishing or powder painting
- LENS** | Optical lens,efficiency≥85%
- LIGHT WINDOW** | Tempered glass,T=3mm
- CABLE GLAND** | Nickel coated copper
- GASKET** | Tooling shaped seal
- LED** | ORSAM
- PCB** | Excellent heat conductivity aluminum,coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

HOUSING COLOR OPTION



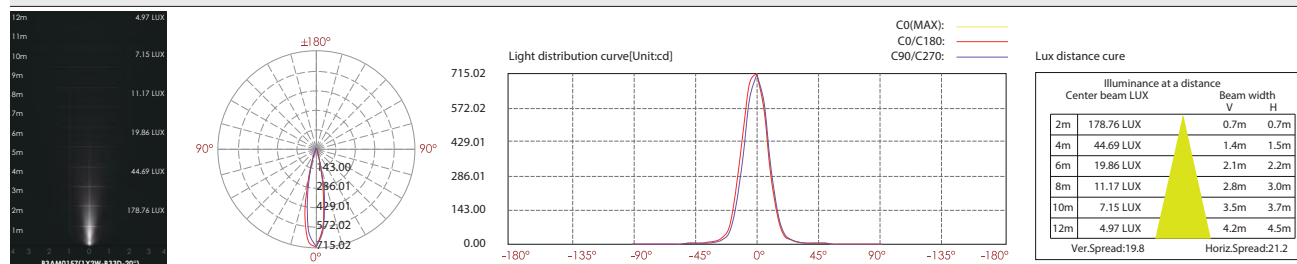
OPTICS



TECHNICAL DATA

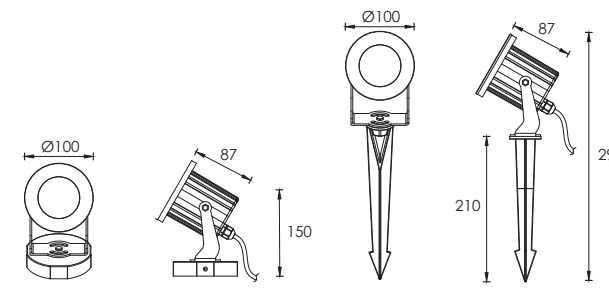
ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3AM0157	1×2W	B33D	20°	24V DC 120/240	24V = 110 120V = 48 240V = 28	24V = 2.6 120V = 3 240V = 3.1	Cool White = 149 Warm White = 120	02

PHOTOMETRIC CURVES



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



D3FUM0110

D3FUB0110

MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass,T=3mm
- CABLE GLAND** | IP-68 PG-9 PA66
- FRONT COVER** | Hard chrome-plated stainless steel SUS 316L#
- BRACKET** | Powder coated aluminum
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- MOUNTING BASE** | Powder coated die-casting aluminum

HOUSING COLOR OPTION



LIGHTING SOURCES OPTION

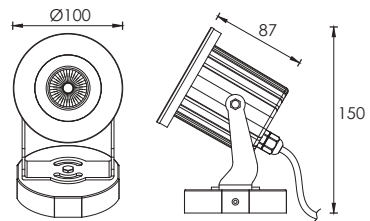




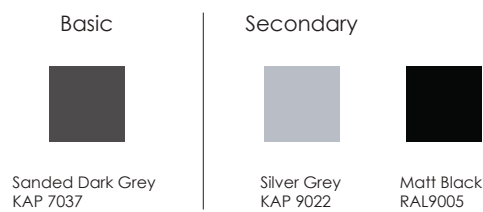
LED COLOUR TEMPERATURE

3000K · 6000K

OUTER DIMENSIONS & ACCESSORIES Unit:mm



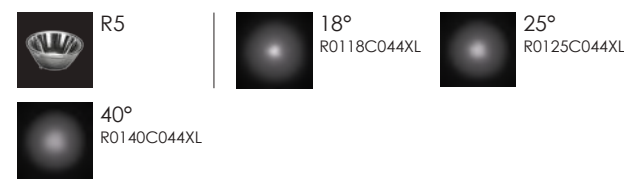
HOUSING COLOR OPTION



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome-plated Stainless steel (SUS 304#, 316# optional)
- LIGHT WINDOW** | Tempered glass, T=4mm
- GASKET** | Tooling shaped seal
- LED** | COB LED 6W
- CABLE GLAND** | IP-68 PG-9 PA66
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- MOUNTING BASE** | 12# Die-casting dark grey powder coated aluminum

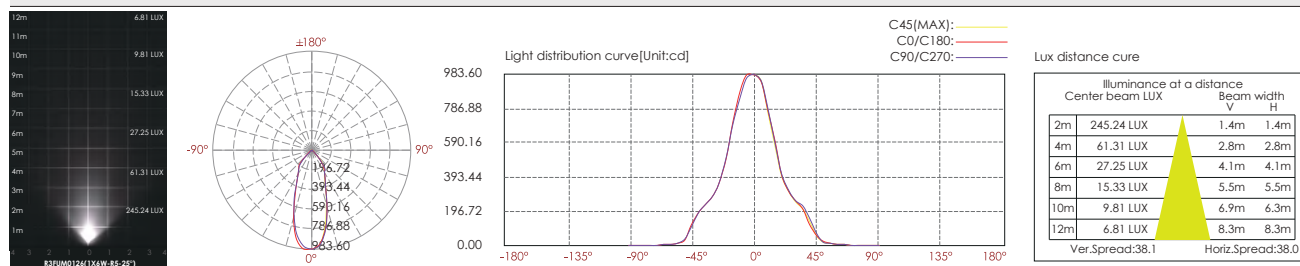
OPTICS



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3FUM0126	1×6W	R5	40°	24V DC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool White = 758 Warm White = 662	04

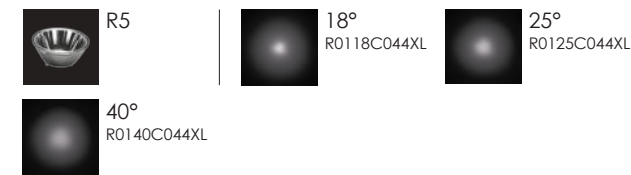
PHOTOMETRIC CURVES



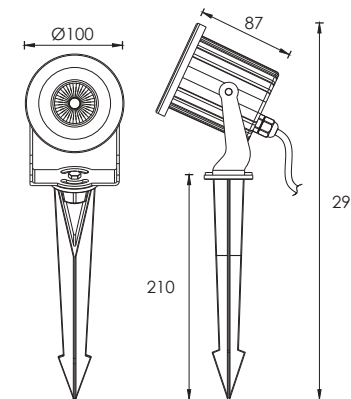
LED COLOUR TEMPERATURE

3000K · 6000K

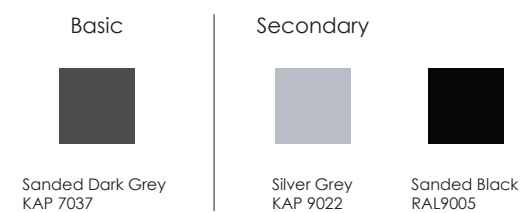
OPTICS



OUTER DIMENSIONS & ACCESSORIES Unit:mm



HOUSING COLOR OPTION



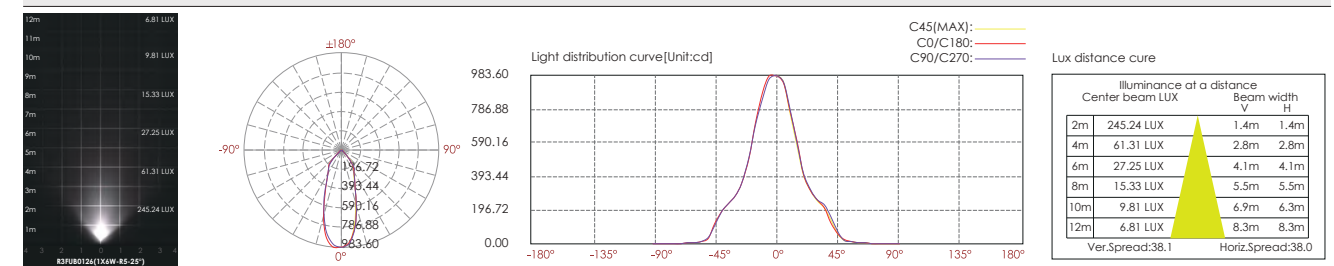
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- FRONT COVER** | Hard chrome-plated Stainless steel (SUS 304#, 316# optional)
- LIGHT WINDOW** | Tempered glass, T=4mm
- LED** | COB LED 6W
- CABLE GLAND** | IP-68 PG-9 PA66
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- SPIKE** | ABS spike 5

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3FUB0126	1×6W	R5	40°	24V DC 120/240	24V = 270 120V = 65 240V = 37	24V = 6.5 120V = 7.7 240V = 7.8	Cool White = 758 Warm White = 662	04

PHOTOMETRIC CURVES





LED COLOUR TEMPERATURE

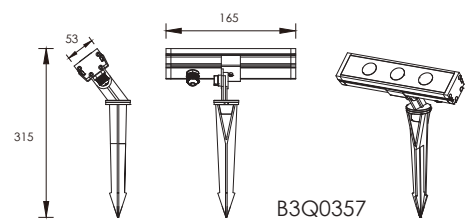
3000K · 6000K

OPTICS

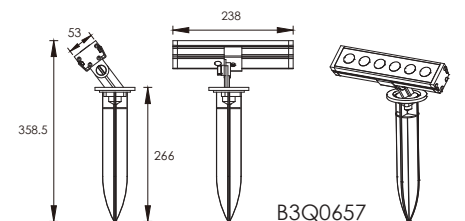
	B13		6° L0106D023LK		13° L0113D023LK		20° L0120D023LK		30° L0130D023LK		40° L0140D023LK
	B33 (B33D/B33F)		9°(B33F) L0109F023YH		15° L0115D023YH		20° L0120D023YH		30° L0130D023YH		45° L0145D023YH

OUTER DIMENSIONS & ACCESSORIES

Unit:mm



B3Q0357



B3Q0657

MATERIAL SPECIFICATIONS

HOUSING	12# Die-casting dark grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
GLASS	Tempered glass.T=3mm
CABLE GLAND	IP-68 PG-9 PA66
LENS	Band form effect
BRACKET	Powder coated stainless steel
POWER CABLE	H05RN-F 2X1.0mm2 L=2.0m
SPIKE	ABS spike 5d(B3Q0357) ABS spike 7b(B3Q0657)

HOUSING COLOR OPTION

Basic	Secondary
Sanded Dark Grey KAP 7037	Silver Grey KAP 9022
	Sanded Black RAL9005

TECHNICAL DATA

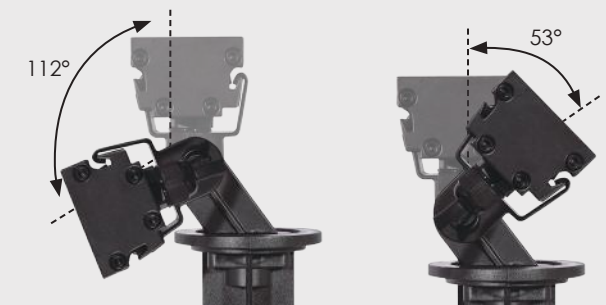
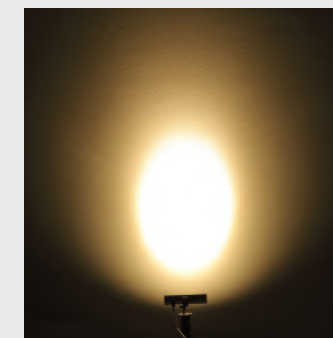
ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3Q0357	3x1.5W	B13	30°	24V DC	250	6	Cool White = 493 Warm White = 362	0.5
B3Q0657	6x1.5W	B33	20°	24V DC	416	10	Cool White = 900 Warm White = 815	0.5



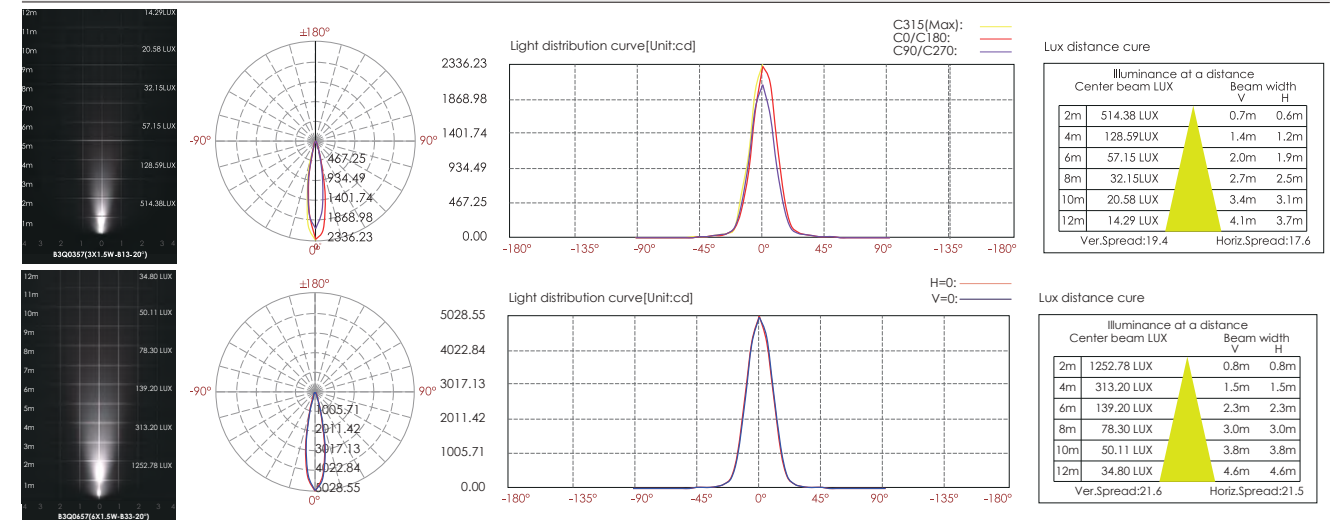
ADJUSTABLE BEAM DIRECTION

Approximately

Approximately



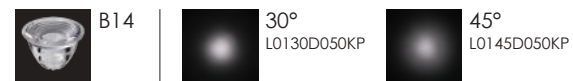
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

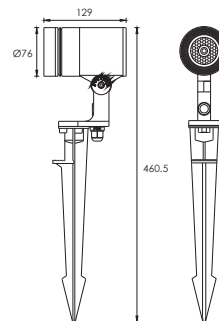
3000K · 6000K

OPTICS

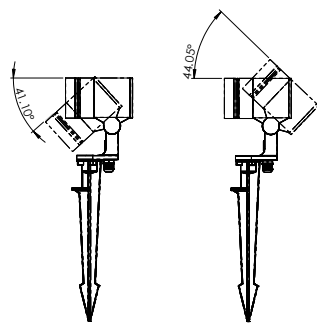


OUTER DIMENSIONS & ACCESSORIES

Unit:mm



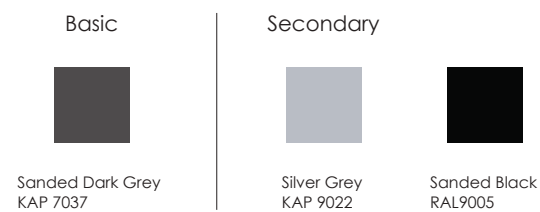
ADJUSTABLE BEAM DIRECTION



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- LENS** | Optical lens, efficiency ≥ 85%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- OPERATING TEMPERATURE** | -20°C~40°C
- SPIKE** | ABS spike 6b(M4)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

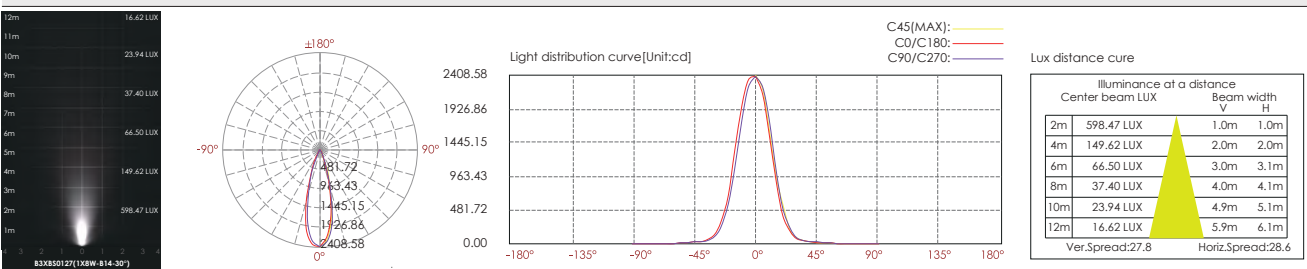
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3XBS0127	1×8W COB	B14	30°	24V DC 120/240	24V = 411 120V = 88 240V = 50	24V = 9.8 120V = 10.5 240V = 10.8	Cool White = 761 Warm White = 696	07

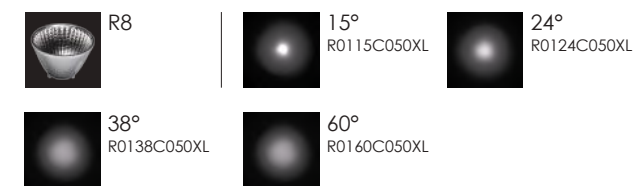
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

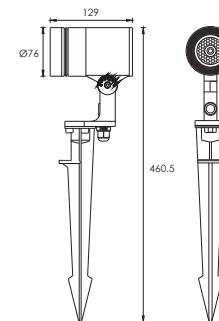
3000K · 6000K

OPTICS

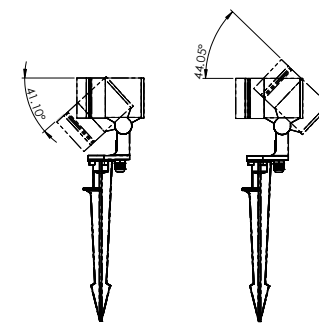


OUTER DIMENSIONS & ACCESSORIES

Unit:mm



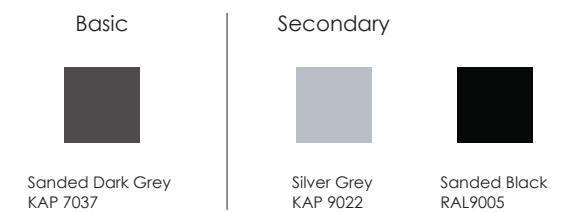
ADJUSTABLE BEAM DIRECTION



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED DRIVER** | Constant Voltage Input, Constant Current Output
- REFLECTOR** | Optical reflector, efficiency ≥ 85%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- OPERATING TEMPERATURE** | -20°C~40°C
- SPIKE** | ABS spike 6b(M4)

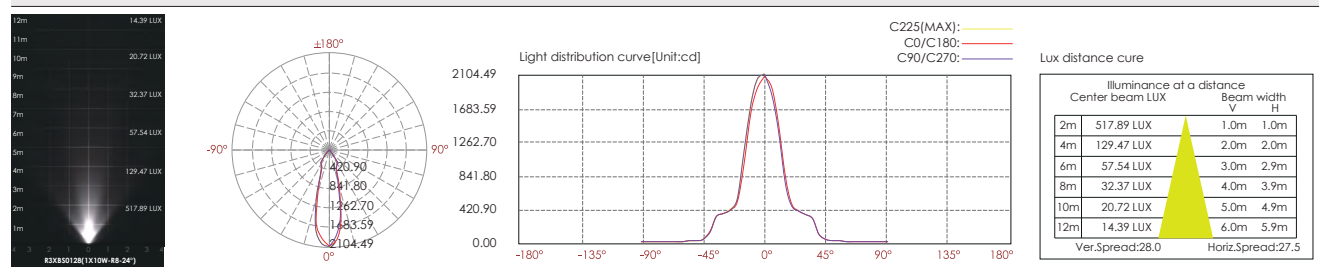
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3XBS0128	1×10W COB	R8	24°	24V DC 120/240	24V = 480 120V = 107 240V = 60	24V = 11.5 120V = 12.6 240V = 12.6	Cool White = 1050 Warm White = 956	07

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

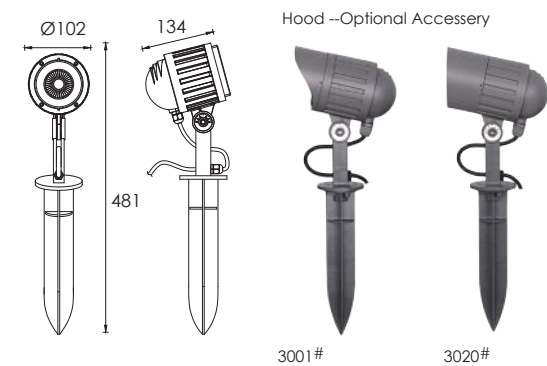
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

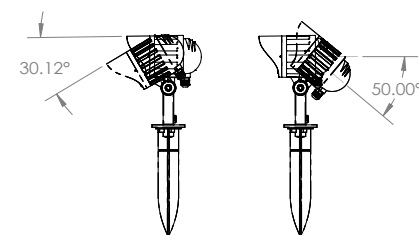
Unit:mm



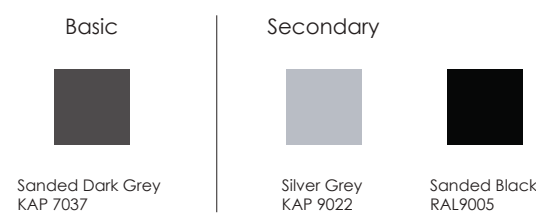
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- LED** | NICHIA
- LIGHT WINDOW** | Tempered glass.T=4mm
- CABLE GLAND** | IP67 PG-9 Copper and nickel coated
- GASKET** | Molding shaped silicone double seal
- PCB** | Excellent heat conductivity aluminum,coefficient of heat conductivity≥90%
- LED DRIVER** | Constant current output
- REFLECTOR** | Optical Reflector efficiency≥90%
- OPERATING TEMPERATURE** | -20°C~40°C
- SPIKE** | ABS spike 7a
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)

ADJUSTABLE BEAM DIRECTION



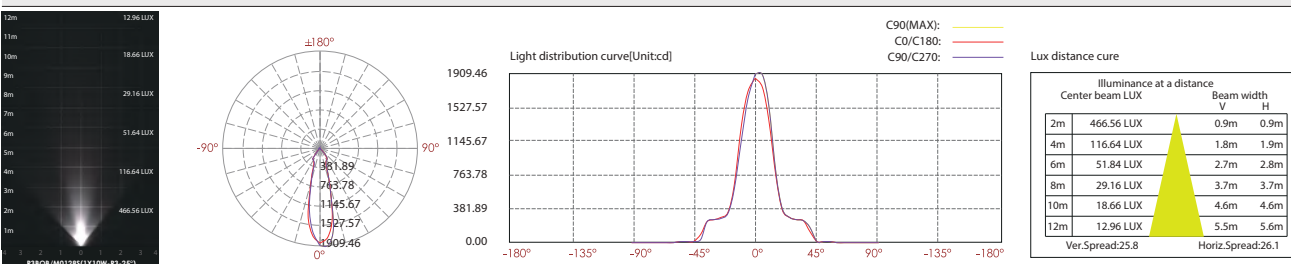
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BQB0128S	1×10W COB	R3	25°	24V DC 120/240	24V = 411 120V = 88 240V = 48	24V = 9.8 120V = 10.5 240V = 10.5	Cool White = 685 Warm White = 674	05

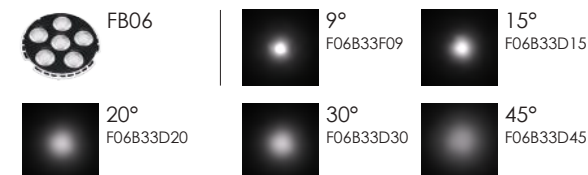
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

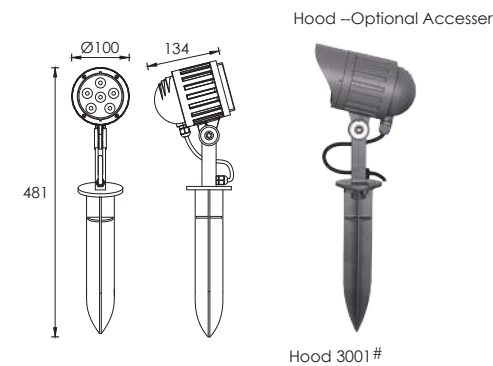
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

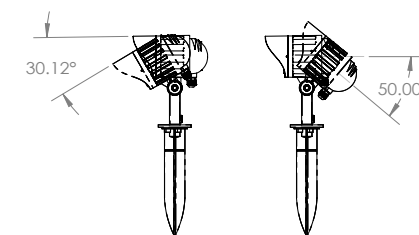
Unit:mm



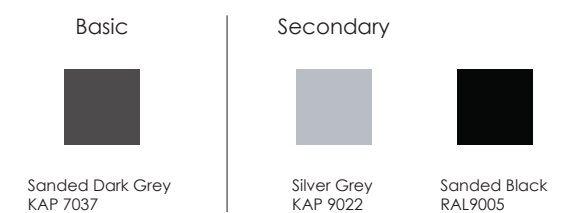
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm.Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens,efficiency≥85%
- LIGHT WINDOW** | Tempered glass.T=4mm
- CABLE GLAND** | IP67 PG-9 Copper and nickel coated
- GASKET** | Molding shaped silicone double seal
- LED** | OSRAM or NICHIA
- PCB** | Excellent heat conductivity aluminum,coefficient of heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant Voltage Input,Constant Current Output
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)
- SPIKE** | ABS spike 7a
- BRACKET** | Powder coated die-casting aluminum
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

ADJUSTABLE BEAM DIRECTION



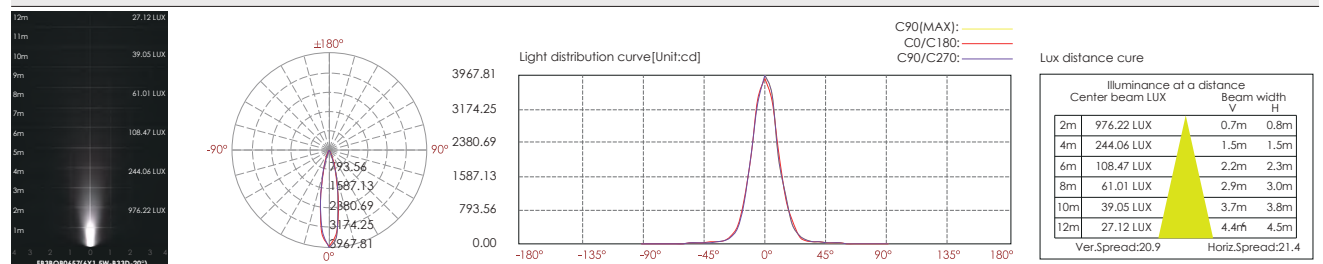
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BQB0657	6×1.5W	FB06	20°	24V DC 120/240	24V = 550 120V = 98 240V = 53	24V = 13.2 120V = 12 240V = 12	Cool White = 1004 Warm White = 775	05

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

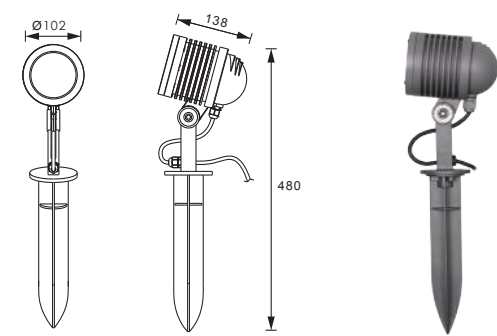
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

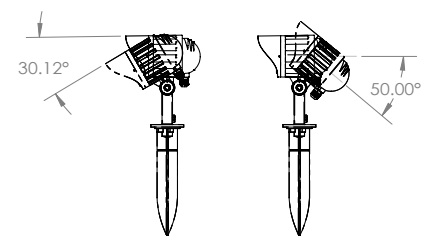
Unit:mm



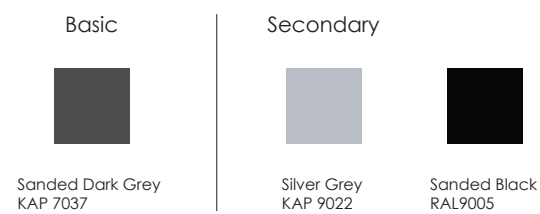
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | NICHIA
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP 68 PG-9 PA66
- GASKET** | Molding shaped silicone double seal
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 90%
- LED DRIVER** | Constant current output
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 7a
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

ADJUSTABLE BEAM DIRECTION



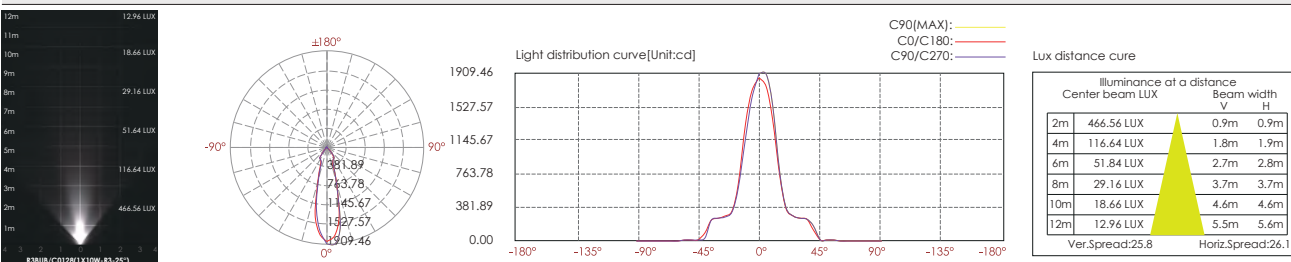
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BUB0128	1×10W COB	R3	25°	24V DC 120/240	24V = 411 120V = 88 240V = 48	24V = 9.8 120V = 10.5 240V = 10.5	Cool White = 685 Warm White = 674	05

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

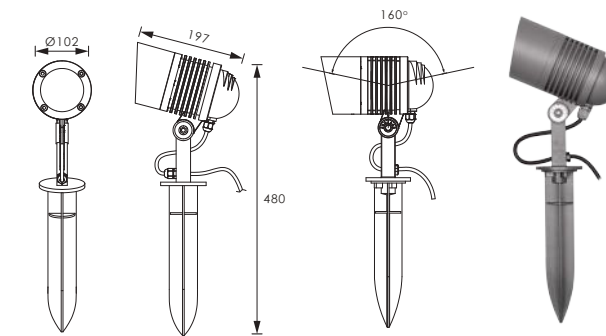
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

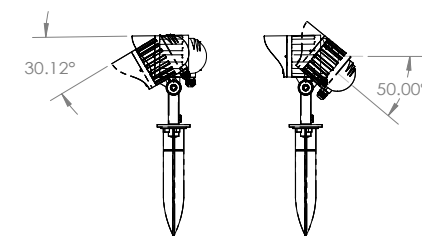
Unit:mm



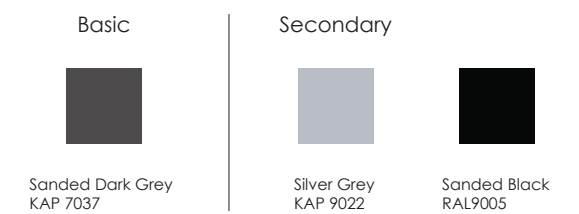
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | NICHIA
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP 68 PG-9 PA66
- GASKET** | Molding shaped silicone double seal
- PCB** | Excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 90%
- LED DRIVER** | Constant current output
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- OPERATING TEMPERATURE** | -20°C ~ 40°C
- SPIKE** | ABS spike 7a
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

ADJUSTABLE BEAM DIRECTION



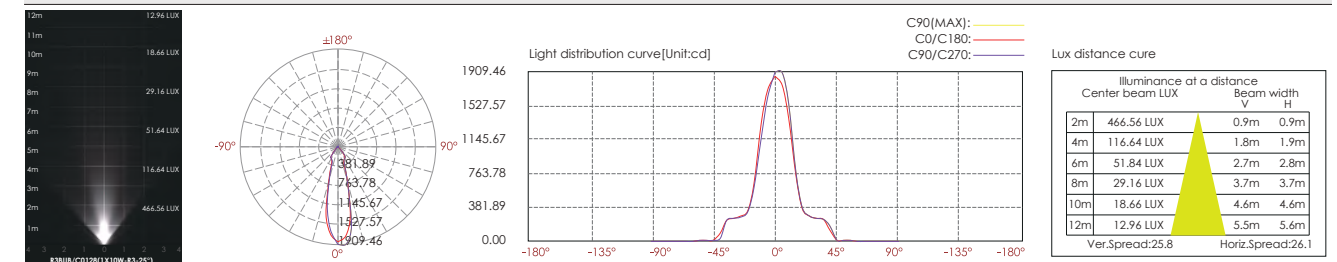
HOUSING COLOR OPTION

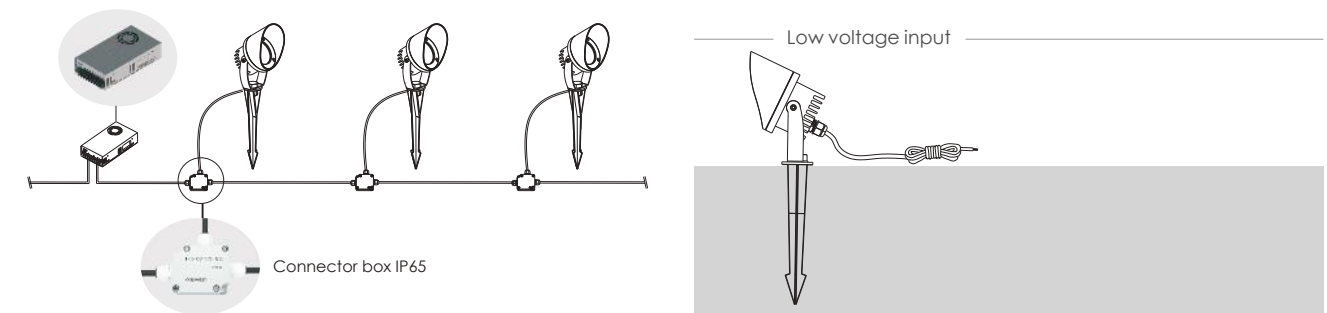


TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BUC0128	1×10W COB	R3	25°	24V DC 120/240	24V = 411 120V = 88 240V = 48	24V = 9.8 120V = 10.5 240V = 10.5	Cool White = 685 Warm White = 674	05

PHOTOMETRIC CURVES





Low voltage input demonstration
Low voltage power supplier

- 1.The output spec of selected power supply must comply with the fixture's input spec
- 2.Power supply load is not only selected according to the total power,but its VA
- 3.The circumstance must has good heat dissipation and moisfule - proof for installation

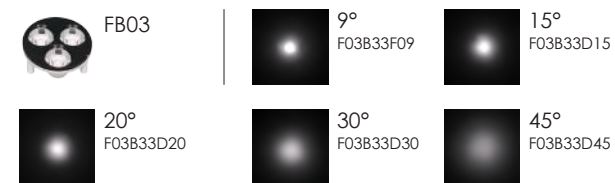
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

HOUSING COLOR OPTION

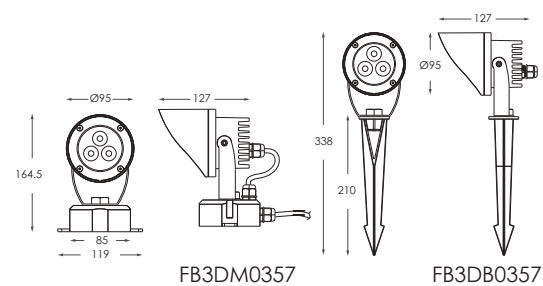


OPTICS



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



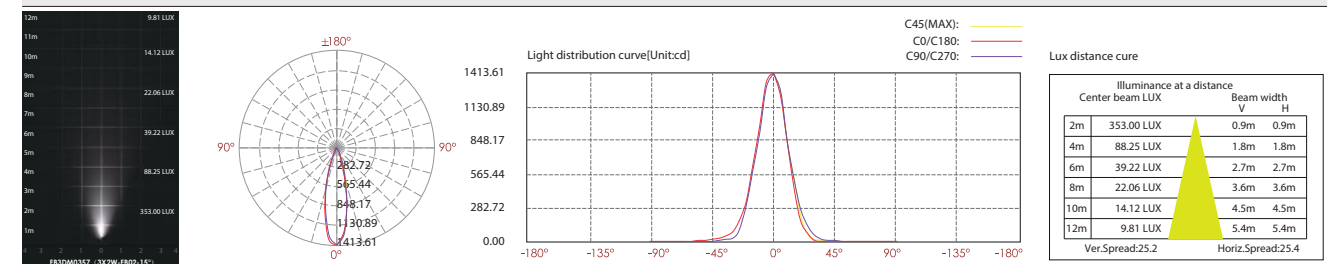
MATERIAL SPECIFICATIONS

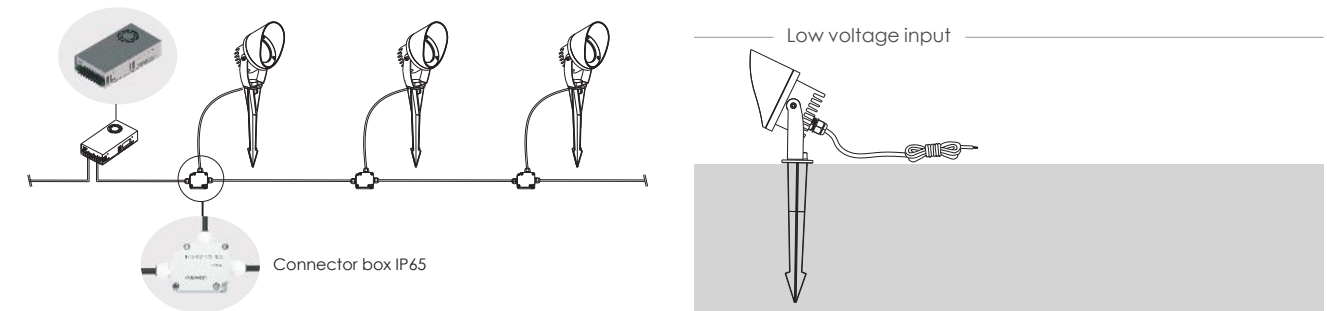
- HOUSING** | 12# Die-casting dark grey powder coated aluminum . T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- LED DRIVER** | Constant current output 600 mA
- LED** | OSRAM or NICHIA
- OPERATING TEMPERATURE** | -20°C~ 30°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2m (low voltage)
| H05RN-F 3X1.0mm2 L=2m (high voltage)
- SPIKE** | ABS Spike 5d
- 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
FB3DM0357	3×2W OSRAM	FB03	15°	24V DC	225	24V = 5.4	Cool White = 415 Warm White = 393	07
FB3DB0357	3×2W OSRAM	FB03	15°	24V DC	225	24V = 5.4	Cool White = 415 Warm White = 393	07

PHOTOMETRIC CURVES





Low voltage input demonstration
Low voltage power supplier

- 1.The output spec of selected power supply must comply with the fixture's input spec
- 2.Power supply load is not only selected according to the total power,but its VA
- 3.The circumstance must has good heat dissipation and moisfule - proof for installation





LED COLOUR TEMPERATURE

3000K · 6000K

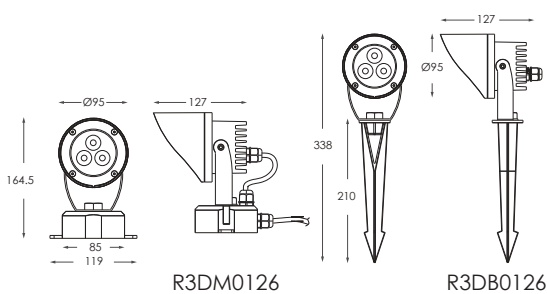
HOUSING COLOR OPTION

Basic	Secondary	
		
Sanded Dark Grey KAP 7037	Silver Grey KAP 9022	Sanded Black RAL9005

OPTICS

 R5	 18° R0118C044XL	 25° R0125C044XL
 40° R0140C044XL		

OUTER DIMENSIONS & ACCESSORIES Unit:mm



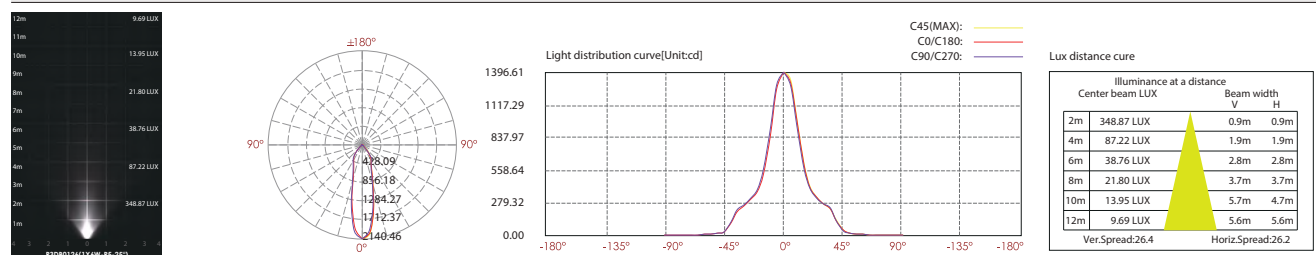
MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum .
| T=60-80µm Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- LED** | NICHIA
- CABLE GLAND** | IP68 PG-9 PA66
- LED DRIVER** | Constant current output 600 mA
- OPERATING TEMPERATURE** | -20°C~ 30°C
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2m
- SPIKE** | ABS Spike 5d

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3DM0126	1×6W	R5	25°	24V DC	270	6.5	Cool White = 646 Warm White = 576	07
R3DB0126	1×6W	R5	25°	24V DC	270	6.5	Cool White = 646 Warm White = 576	07

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

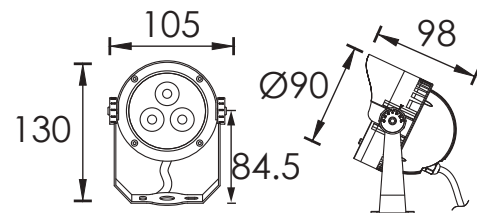
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

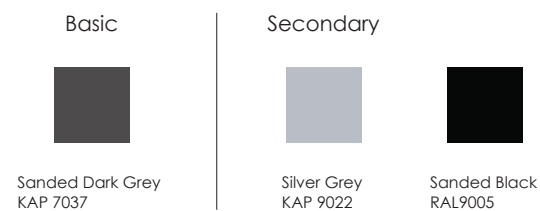
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

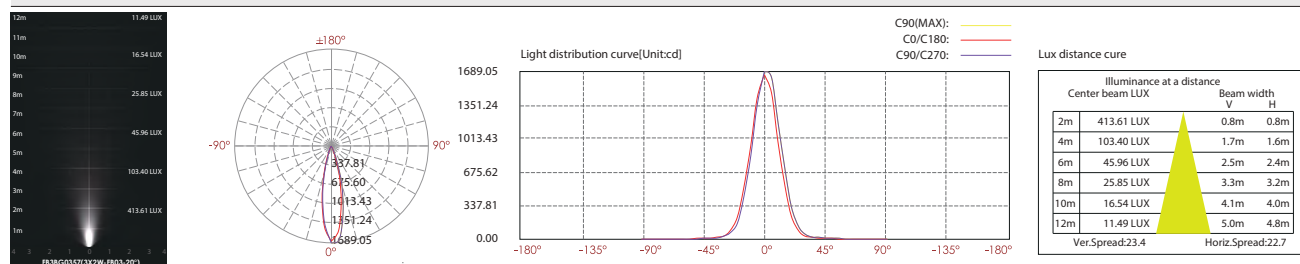
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LENS	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BG0357	3×2W Single Color	FB03	20°	24V DC 120/240	24V = 240 120V = 51 240V = 30	24V = 5.7 120V = 6 240V = 6	Cool White = 466 Warm White = 383	07

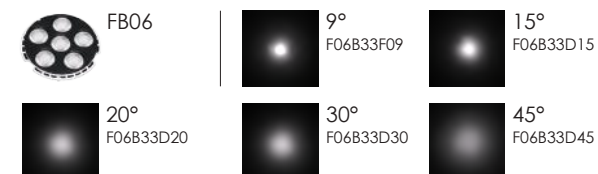
PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

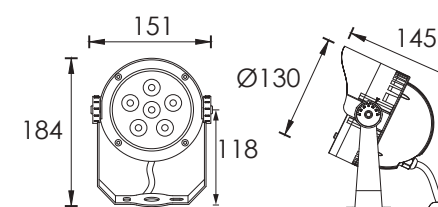
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

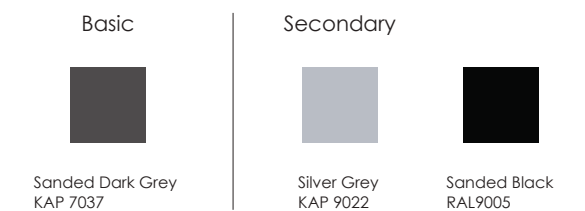
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

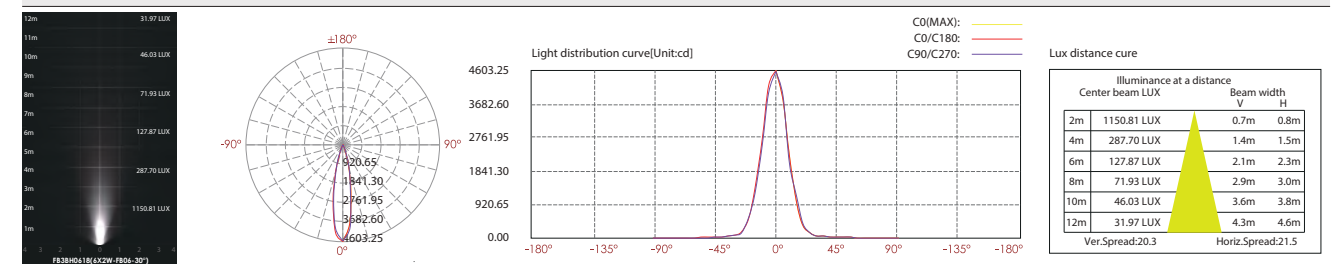
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BH0657	6×2W Single Color	FB06	20°	24V DC 120/240	24V = 558 120V = 97 240V = 57	24V = 13.4 120V = 11.5 240V = 12.6	Cool White = 1117 Warm White = 835	08

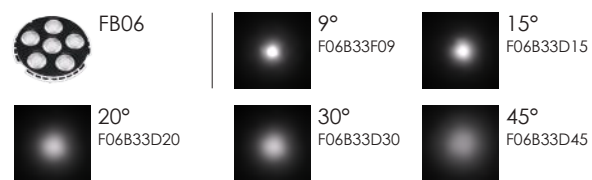
PHOTOMETRIC CURVES



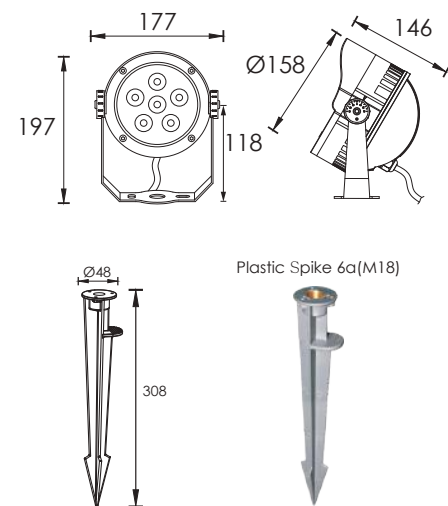
LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS



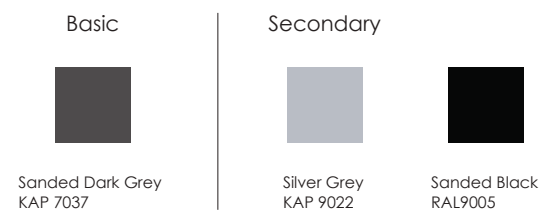
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LENS** | All-in-one optical lens, efficiency ≥ 85%
- LIGHT WINDOW** | Tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

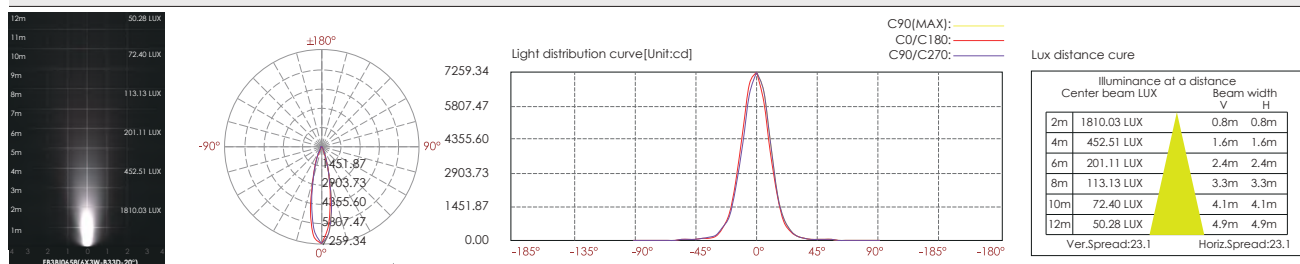
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)0/1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
FB3BI0658	6×3W NICHIA	FB06	20°	24V DC 120/240	24V = 850 120V = 156 240V = 84	24V = 20.4 120V = 18.6 240V = 18.8	Cool White = 1833 Warm White = 1580	08

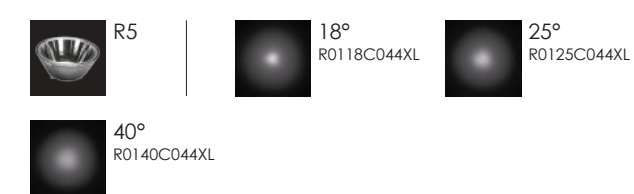
PHOTOMETRIC CURVES



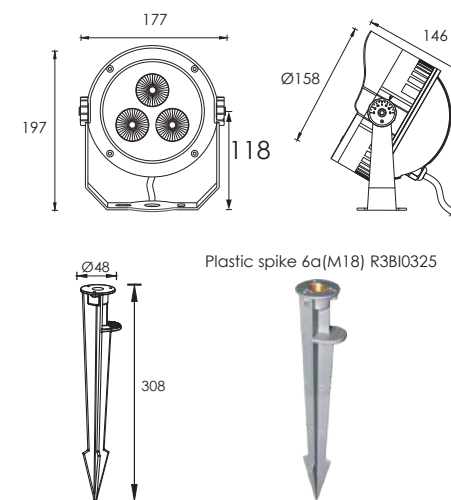
LED COLOUR TEMPERATURE

3000K · 6000K

OPTICS



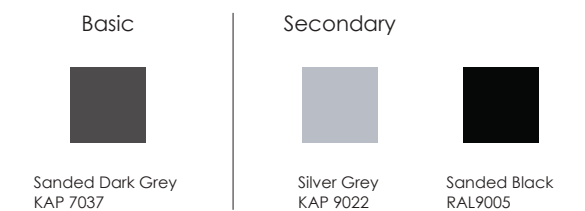
OUTER DIMENSIONS & ACCESSORIES Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- BRACKET** | Powder coated aluminum
- LIGHT WINDOW** | Tempered glass, T=4mm
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- LED** | Nichia COB LED
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
H05RN-F 3X1.0mm² L=2.0m (high voltage)

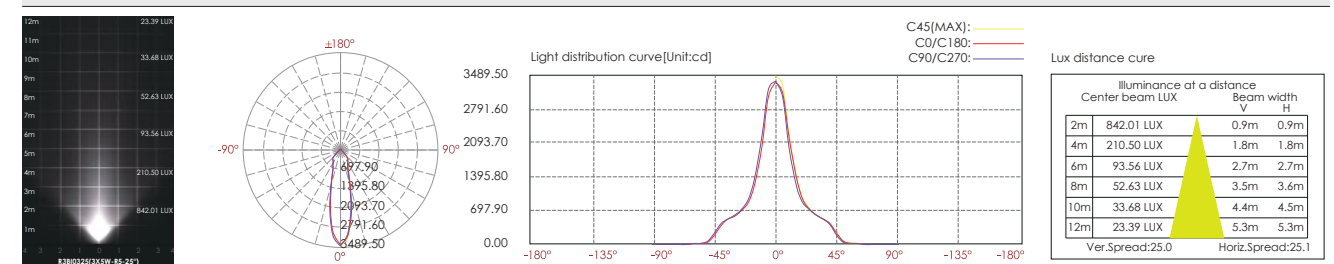
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)0/1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BI0325	3×5W COB	R5	25°	120/240	120V = 154 240V = 82	120V = 18.5 240V = 18.5	Cool White = 1745 Warm White = 1516	08

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

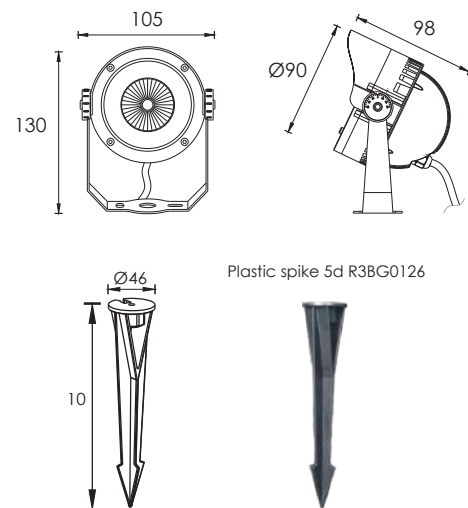
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

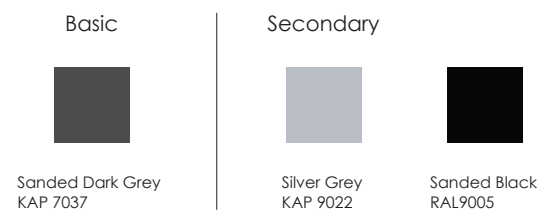
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting dark grey powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- BRACKET** | Powder coated aluminum
- LIGHT WINDOW** | Tempered glass. T=4mm
- REFLECTOR** | Optical Reflector efficiency ≥ 90%
- LED** | Nichia COB LED
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
| H05RN-F 3X1.0mm² L=2.0m (high voltage)

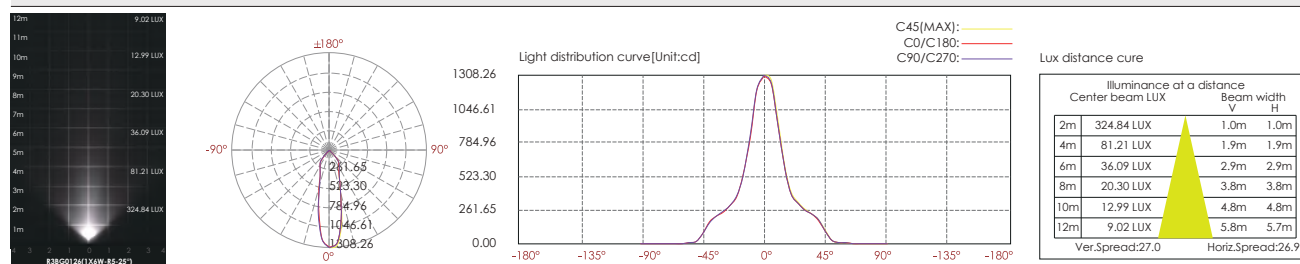
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3BG0126	1×6W COB	R5	25°	24V DC 120/240	24V = 270 120V = 60 240V = 39	24V = 6.5 120V = 7 240V = 7.1	Cool White = 734 Warm White = 628	07

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

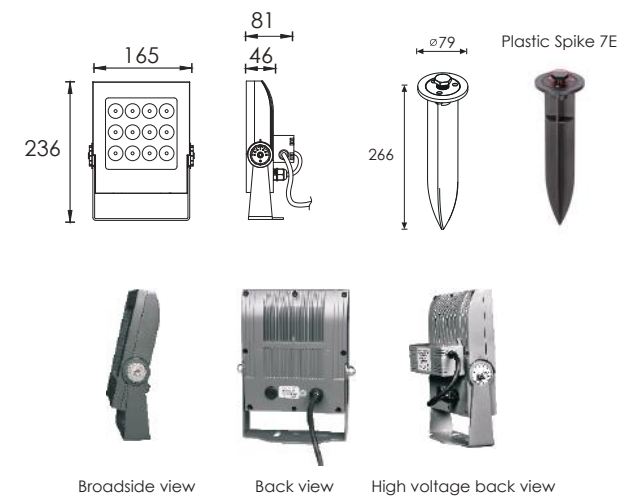
2000K · 3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

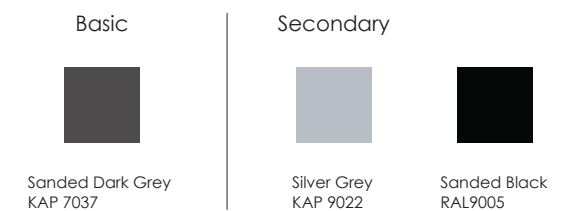
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum. T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- LED** | OSRAM
- LENS** | Optical lens, efficiency ≥ 90%
- POWER CABLE** | H05RN-F 2X1.0mm² L=2.0m (low voltage)
| H05RN-F 3X1.0mm² L=2.0m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dim

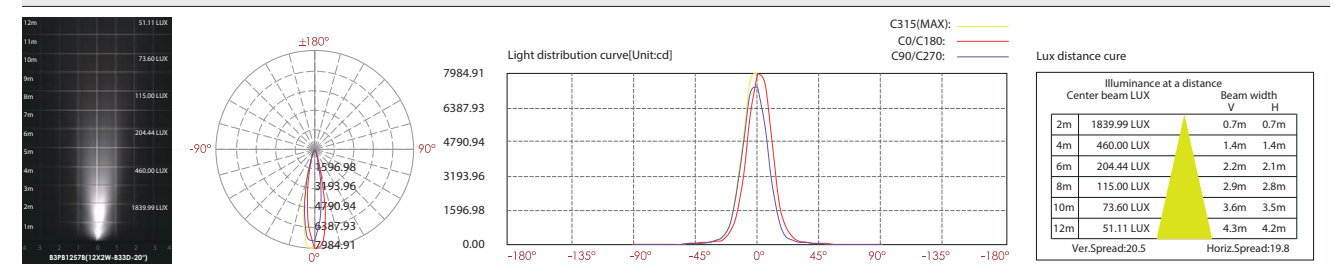
HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
B3PB1257	12×1.5W	B33D	20°	24V DC 120/240	24V = 1051 120V = 143 240V = 79	24V = 25 120V = 17 240V = 18	Cool White = 1818 Warm White = 1373	08

PHOTOMETRIC CURVES



LED COLOUR TEMPERATURE

3000K · 6000K

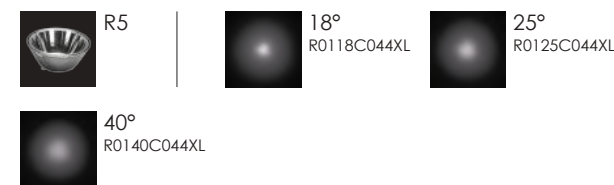
OPTICS



LED COLOUR TEMPERATURE

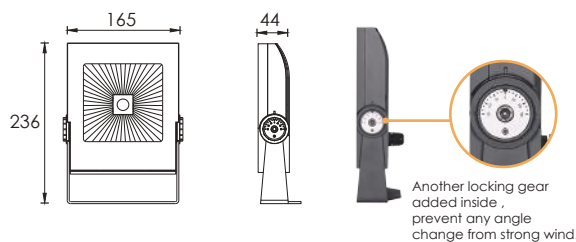
3000K · 6000K

OPTICS



OUTER DIMENSIONS & ACCESSORIES

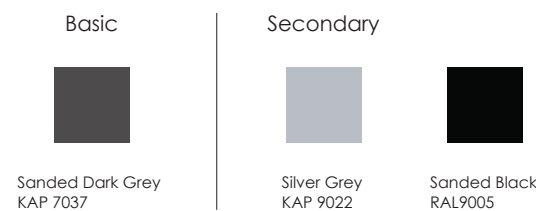
Unit:mm



MATERIAL SPECIFICATIONS

- HOUSING** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | Nichia COB LED
- LIGHT WINDOW** | Tempered glass. T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Tooling shaped seal
- BRACKET** | Powder coated aluminum
- REFLECTOR** | Optical Reflector efficiency≥90%
- POWER CABLE** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)

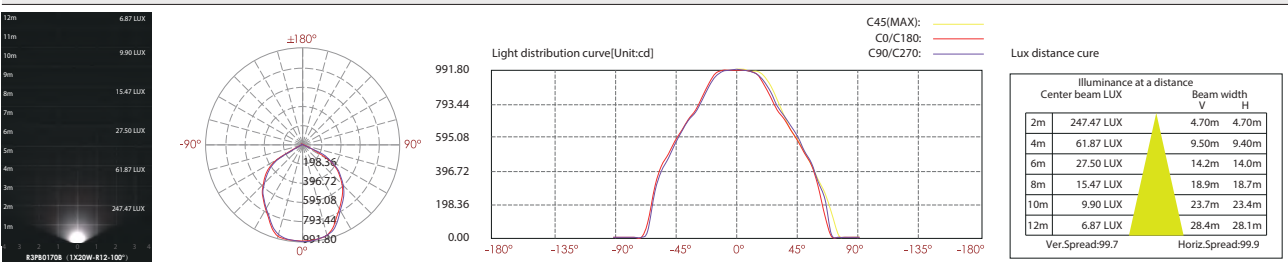
HOUSING COLOR OPTION



TECHNICAL DATA

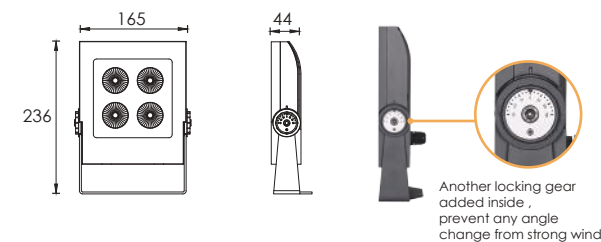
ITEM	LIGHT SOURCE	LENS	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3PB0171 B	1×20W	R12	100°	24V DC 120/240	24V = 960 120V = 205 240V = 105	24V = 23 120V = 24 240V = 24.4	Cool White = 1885 Warm White = 1678	08

PHOTOMETRIC CURVES



OUTER DIMENSIONS & ACCESSORIES

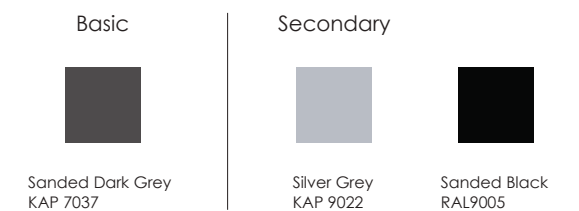
Unit:mm



MATERIAL SPECIFICATIONS

- Housing** | 12# Die-casting powder coated aluminum . T=60-80µm. Adhesion of ISO class 1/ASTM class 4B
- LED** | Nichia COB LED
- Light Window** | Tempered glass. T=4mm
- Cable gland** | IP68 PG-9 PA66
- Gasket** | Tooling shaped seal
- Bracket** | Powder coated aluminum
- Reflector** | Optical Reflector efficiency≥90%
- Power Cable** | H05RN-F 2X1.0mm2 L=2.0m(low voltage)
H05RN-F 3X1.0mm2 L=2.0m(high voltage)

HOUSING COLOR OPTION



TECHNICAL DATA

ITEM	LIGHT SOURCE	REFLECTOR	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
R3PB0425 B	4×5W COB	R5	25°	24V DC 120/240	24V = 917 120V = 196 240V = 114	24V = 22 120V = 23.3 240V = 24	Cool White = 2206 Warm White = 1740	08

PHOTOMETRIC CURVES

