



WALL WASHER

IP-65 Slim Type Linear Wall Washer



LED COLOUR TEMPERATURE

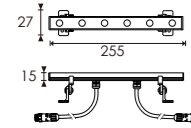
2000K · 3000K · 6000K

OPTICS

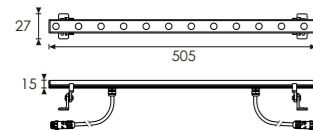


OUTER DIMENSIONS & ACCESSORIES

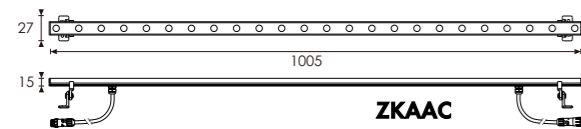
Unit:mm



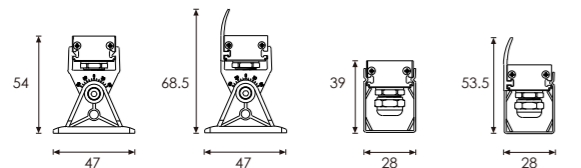
ZKAAA



ZKAAB

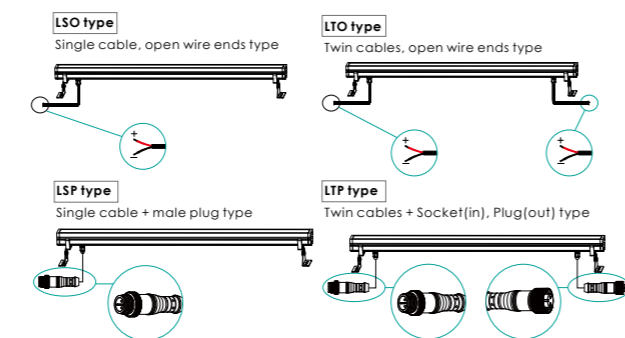


ZKAAC



MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum extrusion #6061, finish: Anodized or Painting
- BRACKET** | Nylon Rotatable type bracket or Stainless steel Angle Fixed type bracket
- LIGHT WINDOW** | Tempered glass T=2mm2 with printing.
- CABLE GLAND** | Copper PG-7 IP65
- POWER CABLE** | H03VV-F 2X0.75mm² L=20 cm With Plug/Socket connector MAX capacity of Current=5A
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali



OPTIONAL PARTS

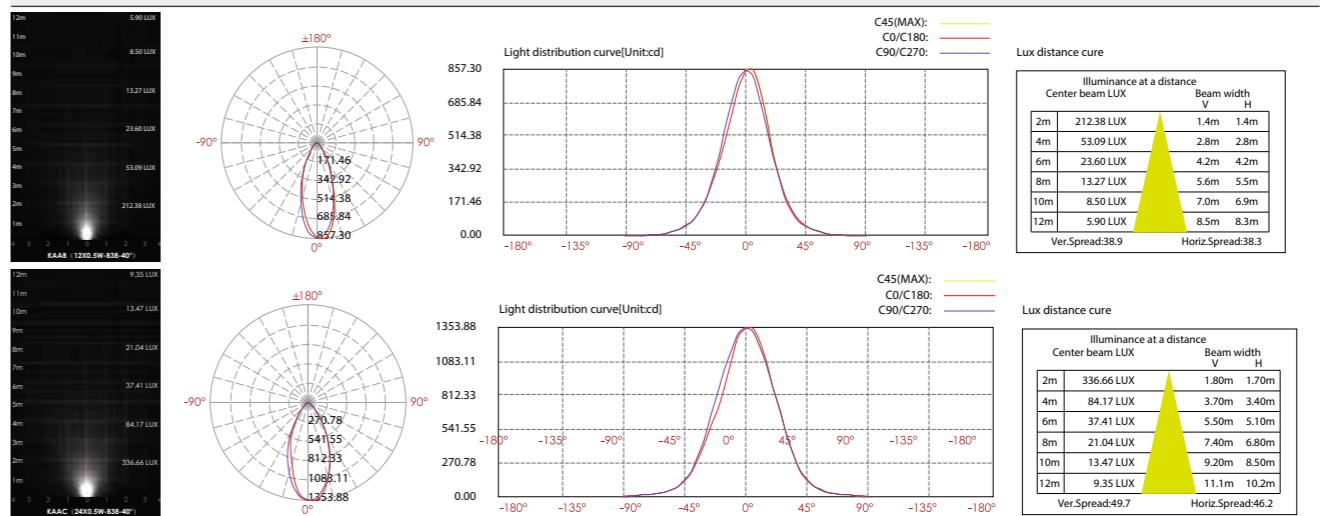
The cap can effectively:

1. Reduce the people view angle to the light
2. concentrate the brightness

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENGTH(MM)	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZKAAA	6×0.5W	255	40°	24V DC	152	3.6	Cool White = 320 Warm White = 289	05
ZKAAB	12×0.5W	505	40°	24V DC	305	7.30	Cool White = 557 Warm White = 510	05
ZKAAC	24×0.5W	1005	40°	24V DC	611	14.7	Cool White = 1114 Warm White = 1020	05

PHOTOMETRIC CURVES

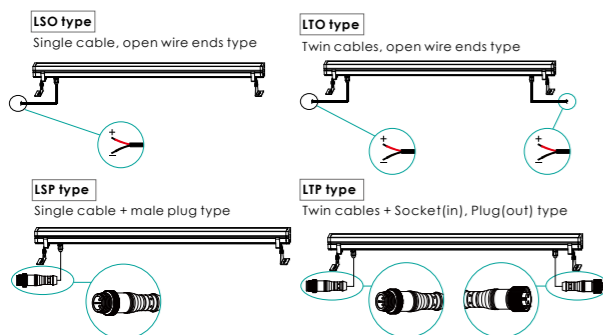
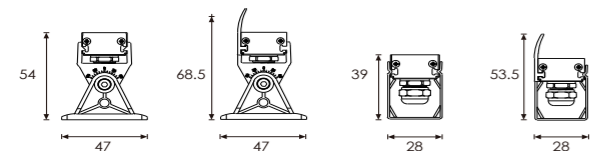
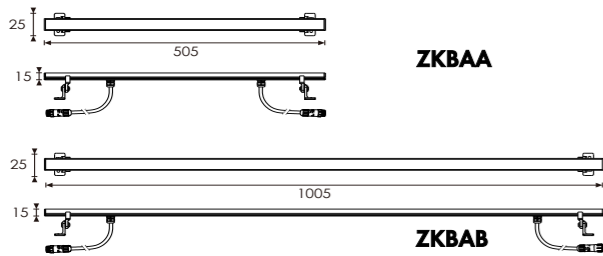


IP-65 Slim Type Linear Light Bar



OUTER DIMENSIONS & ACCESSORIES

Unit:mm



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

OPTICS

N/A

MATERIAL SPECIFICATIONS

- HOUSING** | Aluminum anodized finishing & powder painting
- DIFFUSE** | PC T=2mm
- CABLE GLAND** | Copper and nickel coated
- PCB** | Heat Conductivity≥2.0w/mk
- LED DRIVER** | Constant current IC on the board
- OPERATING TEMPERATURE** | -20°C~40°C
- POWER CABLE** | H03VV-F 2X0.75mm² L=option
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dalı

OPTIONAL PARTS



•Air Valve



•Stainless Steel Bracket



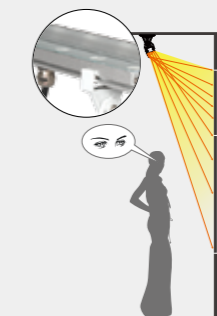
•Plug/Socket Connector



•Cap-Optional Accessory



•Cap-Optional Accessory



The cap can effectively :
1. Reduce the people view angle to the light
2. concentrate the brightness

The bracket of Rotatable type

Regular



The bracket of Angle-Fixed type

Option

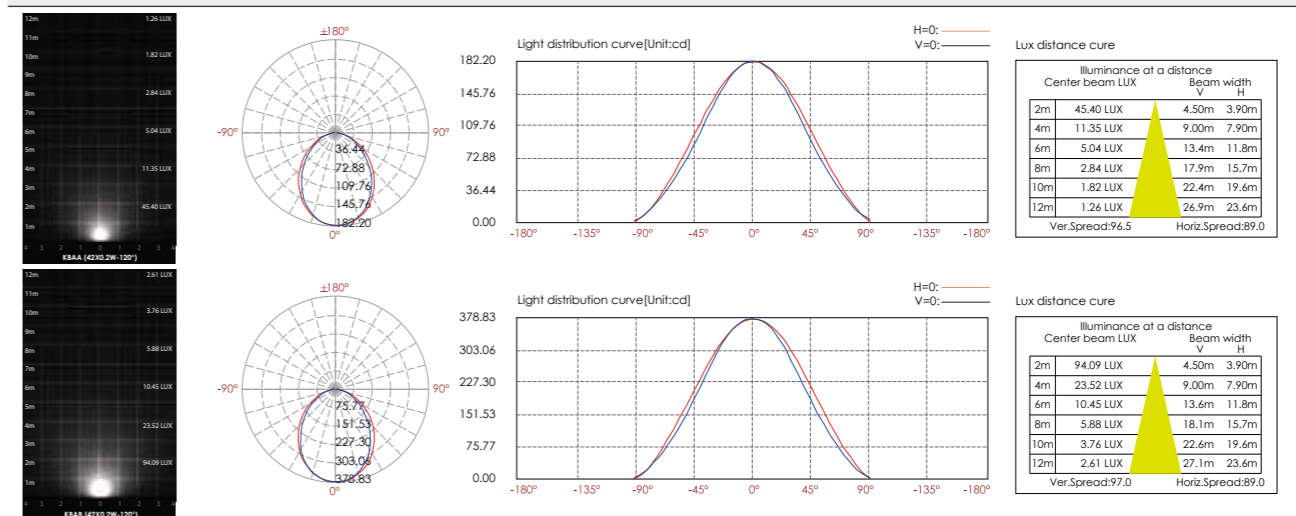


•Bracket

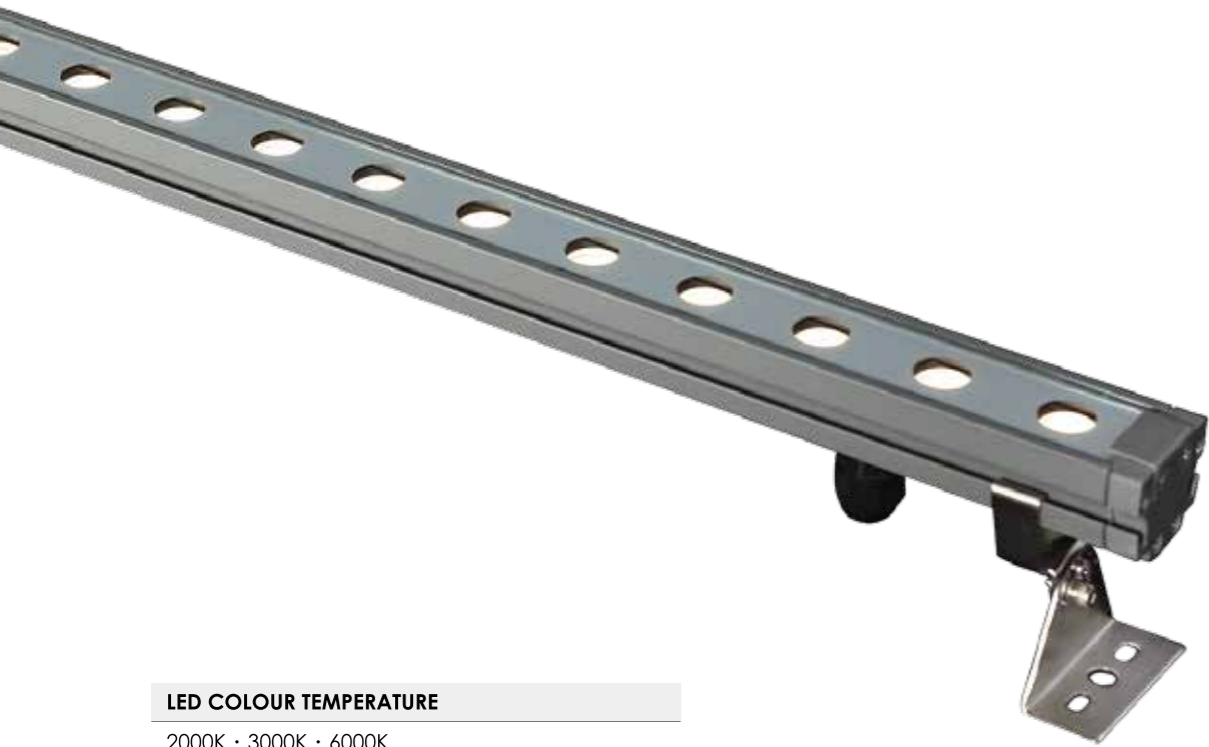
TECHNICAL DATA

ITEM	LIGHT SOURCE	LENGTH(MM)	LENS DEGREE(°)Ø1/2	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	PF	IK
ZKBAA	42×0.2W	505	120°	24V DC	350	8.5	Cool White = 430 Warm White = 418	1	02
ZKBAB	84×0.2W	1005	120°	24V DC	700	17	Cool White = 994 Warm White = 867	1	02

PHOTOMETRIC CURVES



Slim Type LED Linear Wall Washer



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

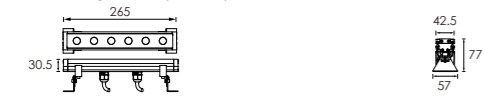
OPTICS



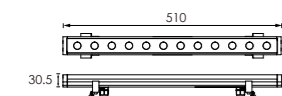
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

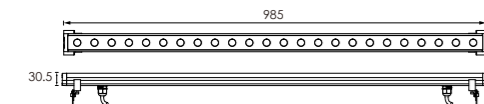
Low voltage input (24VDC)



ZKBAC



ZKBAD

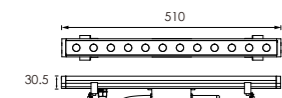


ZKBAE

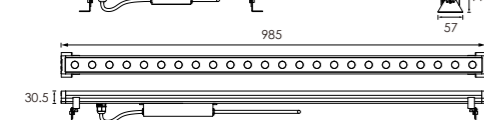
High voltage input (100V-240V)



ZKBAC



ZKBAD

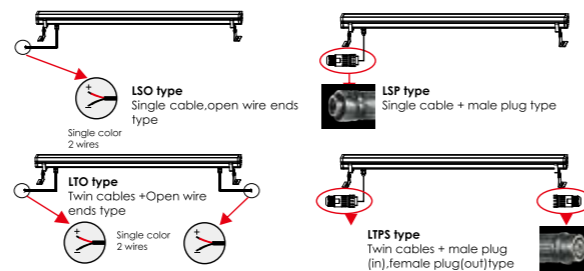


ZKBAE

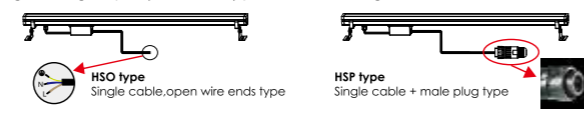
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency > 85%
- LIGHT WINDOW** | Step tempered glass, T=4mm
- CABLE GLAND** | IP68 PG-9 PA66
- GASKET** | Glass and housing are silicone sealed
- OPERATING TEMPERATURE** | -20°C~40°C
- BRACKET** | Hard chrome plated stainless steel SUS 304# T=1.5mm
- POWER CABLE** | 2XH05RN-F 2X1.0mm² L=0.5m (low voltage)
2XH05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

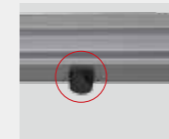
Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



OPTIONAL PARTS



• Air Valve



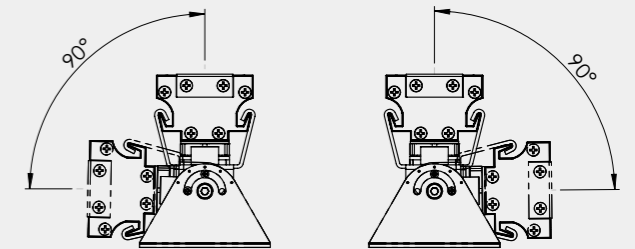
• Stainless Steel Bracket



• Plug/Socket Connector



• Cap-Optional Accessory

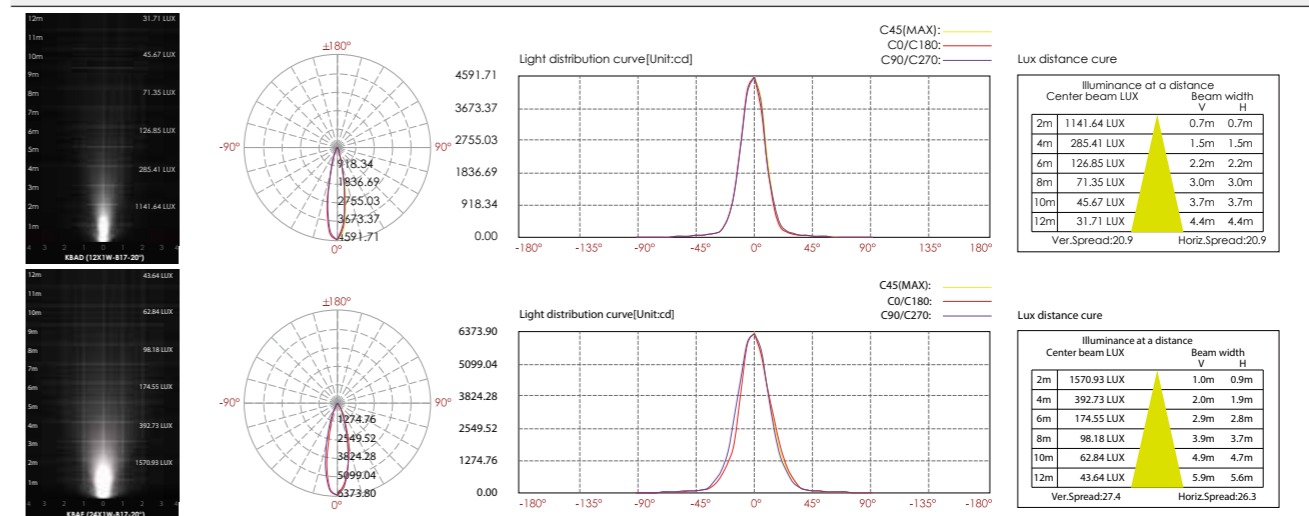


• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZKBAC	6×1.0W Single color	20°	265	24V DC 120/240	24V = 305	24V = 7.5	Cool White = 530 Warm White = 512	02
					120V = 100	120V = 7.2		
					240V = 55	240V = 7.3		
ZKBAD	12×1.0W Single color	20°	510	24V DC 120/240	24V = 610	24V = 14.5	Cool White = 1080 Warm White = 864	02
					120V = 130	120V = 15		
					240V = 65	240V = 15		
ZKBAE	24×1.0W Single color	20°	985	24V DC 120/240	24V = 1220	24V = 29	Cool White = 2140 Warm White = 1976	02
					120V = 295	120V = 35		
					240V = 163	240V = 35		

PHOTOMETRIC CURVES

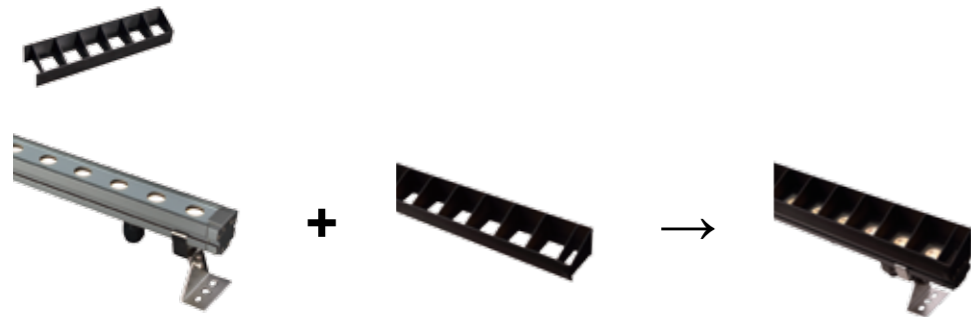


Optional Accessories St- Anti Glare

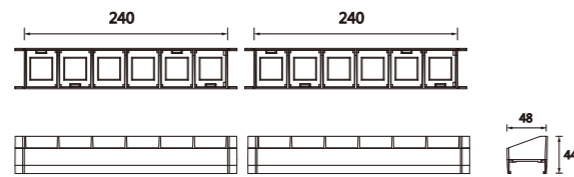
Bevel cut anti-glare reflector



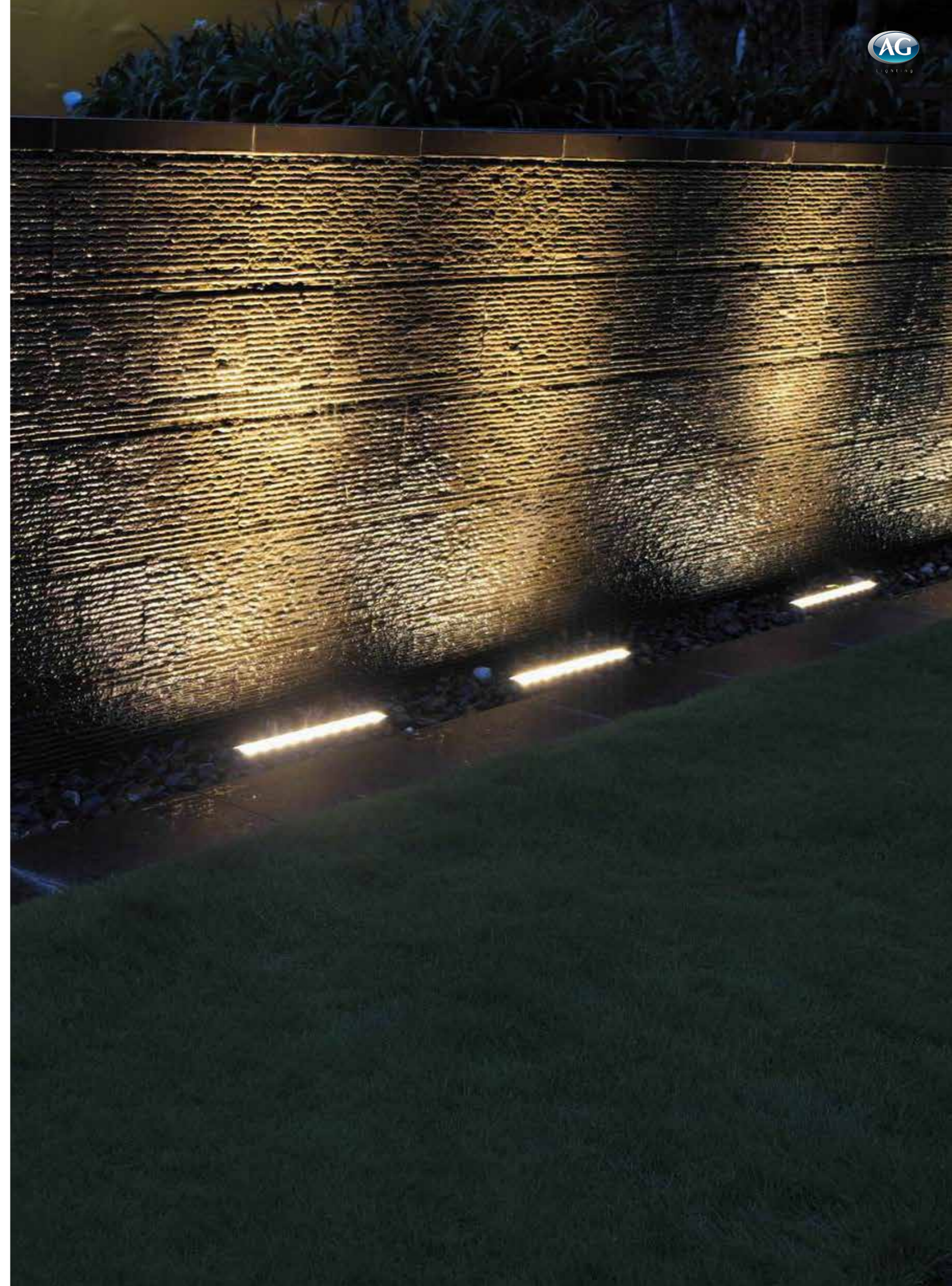
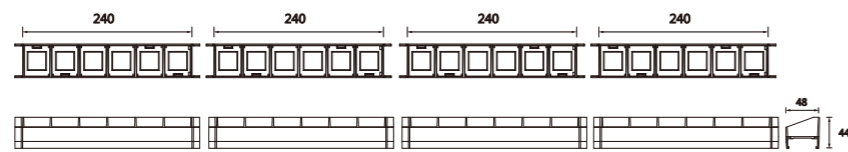
Basic Unit : 240 x 48 mm



ZKBAD



ZKBAE



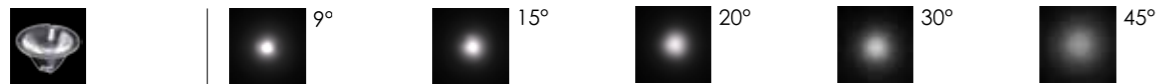
High Power LED Linear Wall Washer



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

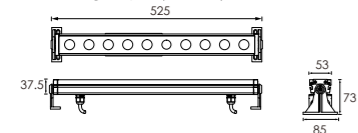
OPTICS



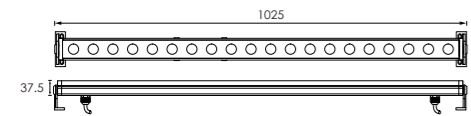
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)

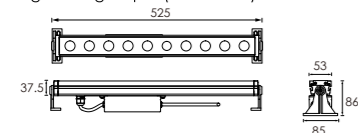


ZKCAA

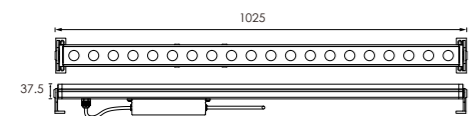


ZKACB

High voltage input (100V-240V)



ZKCAC

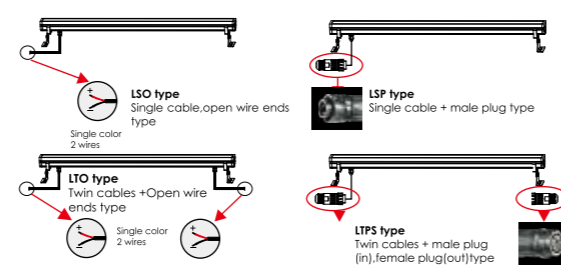


ZKCAD

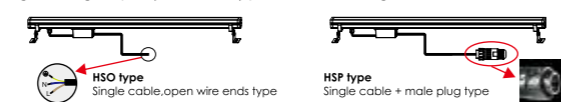
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency > 85%
- LIGHT WINDOW** | Tempered glass, T=3mm
- CABLE GLAND** | IP68 PG-11 PA66
- SEALE** | Glass and housing are silicone sealed
- OPERATING TEMPERATURE** | -20°C~40°C
- BRACKET** | 12# Die-casting powder coated aluminum
- POWER CABLE** | H05RN-F 2X1.5mm² L=0.25m (low voltage)
H05RN-F 3X1.0mm² L=0.5m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali (B6QB1057/B6QB2057)

Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



OPTIONAL HONEYCOMB LOUVER



• Air Valve



• Cap-Optional Accessory

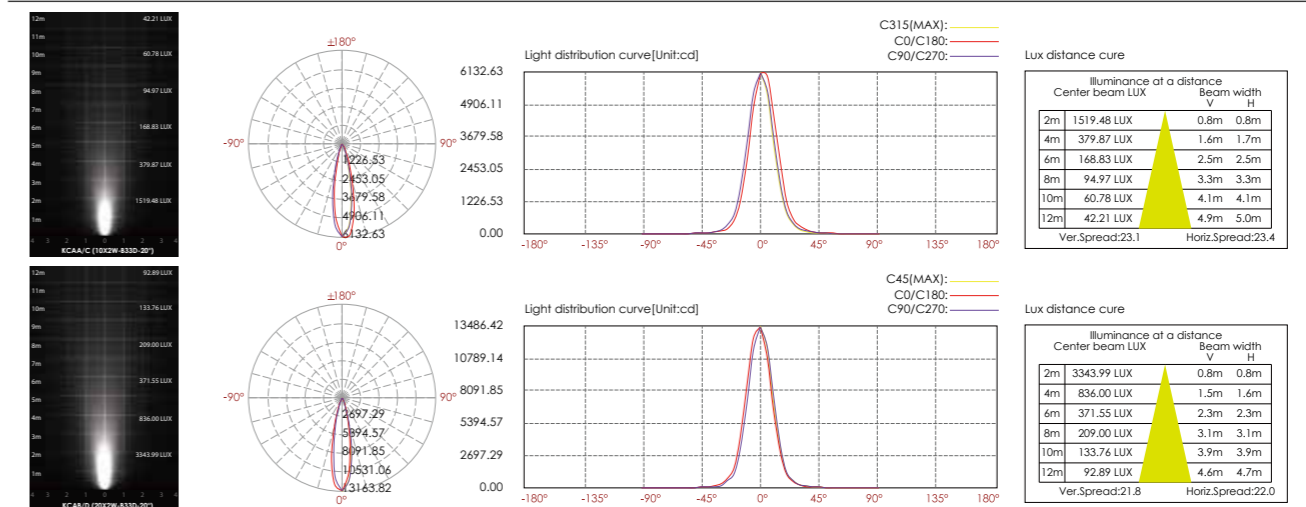


• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZKCAA	10×2W Single color	20°	525	24V DC	1041	25	Cool White = 1476 Warm White = 1174	05
ZKACB	20×2W Single color	20°	1025	24V DC	2056	25	Cool White = 2890 Warm White = 2308	05
ZKCAC	10×2W Single color	20°	525	120/240	120V = 174 240V = 92	120V = 20.8 240V = 20.8	Cool White = 1476 Warm White = 1338	05
ZKCAD	20×2W Single color	20°	1025	120/240	120V = 374 240V = 202	120V = 41 240V = 42.2	Cool White = 2890 Warm White = 2518	05

PHOTOMETRIC CURVES



High Luminance LED Linear Wall Washer



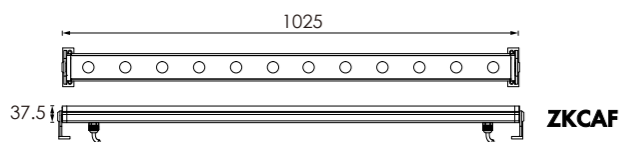
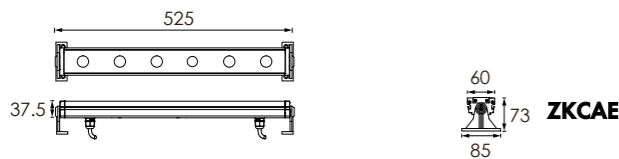
LED COLOUR TEMPERATURE

3000K · 6000K

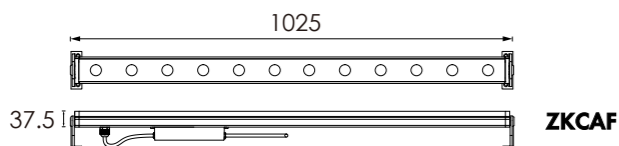
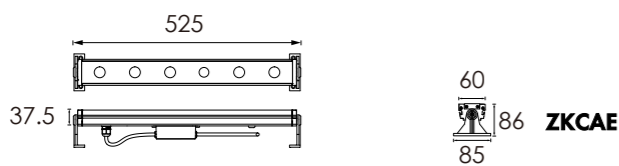
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

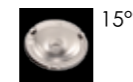
Low voltage input (24VDC)



High voltage input (100V-240V)



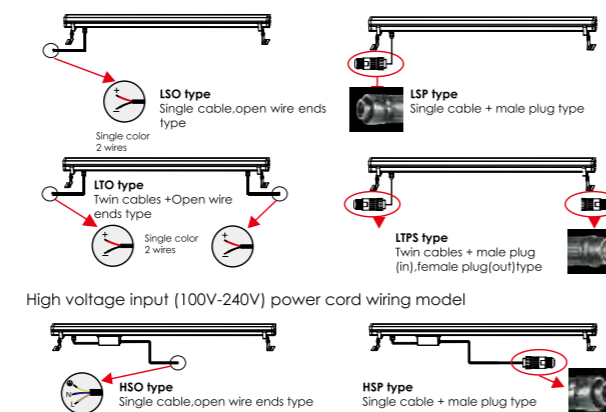
OPTICS



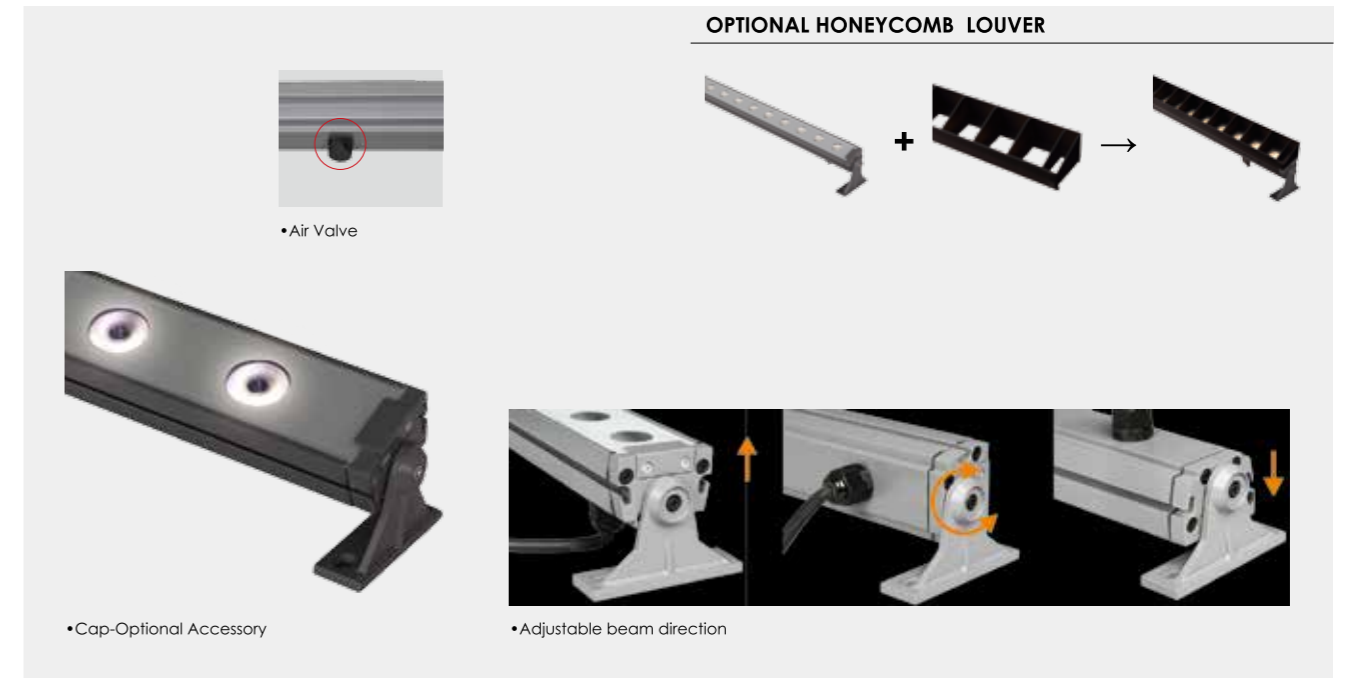
MATERIAL SPECIFICATIONS

- HOUSING** | Extruded aluminum, powder coated
- LENS** | Optical lens, efficiency > 85%
- LIGHT WINDOW** | Tempered glass, T=3mm
- CABLE GLAND** | IP68 PG-13.5 PA66
- GASKET** | Glass and housing are silicone sealed
- OPERATING TEMPERATURE** | -20°C~40°C
- BRACKET** | 12# Die-casting powder coated aluminum
- POWER CABLE** | H07RN-F 2X1.5mm² L=0.25m (low voltage)
H05RN-F 3X1.0mm² L=0.6m (high voltage)
- DIMMABLE SUPPORT** | Triac PWM 1-10V Dali

Low voltage input (24VDC) power cord model



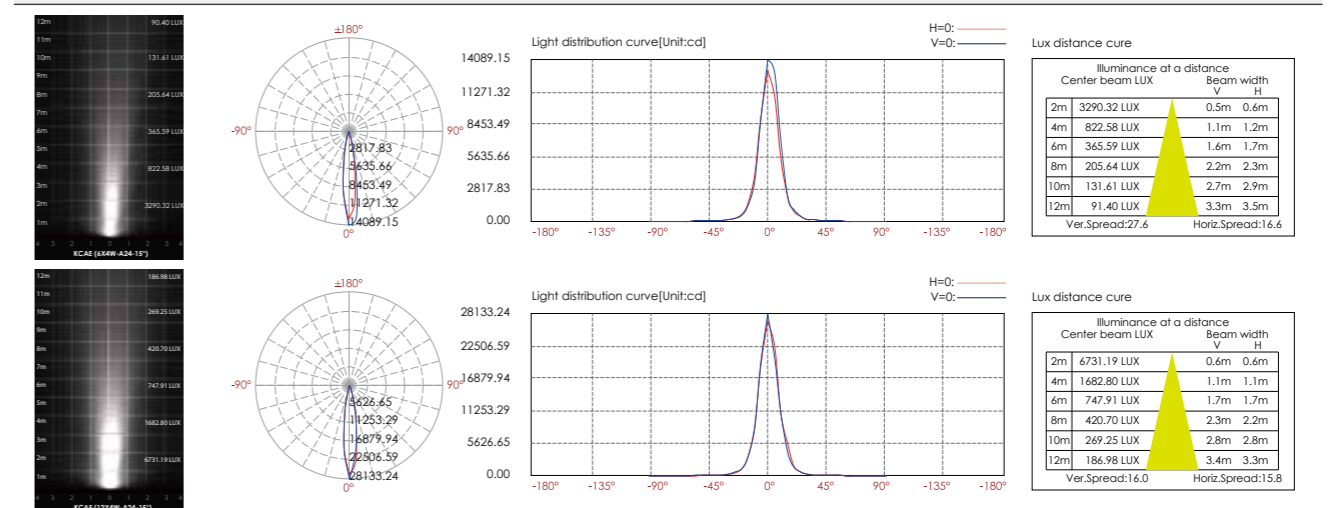
OPTIONAL HONEYCOMB LOUVER



TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZKCAE	6X4W	15°	525	24V DC	24V = 1200	24V = 28.8	Cool White = 1930 Warm White = 1583	05
				120/240	120V = 222	120V = 26		
				240V = 114	240V = 26.1			
ZKCAF	12X4W	15°	1025	24V DC	24V = 2380	24V = 57.6	Cool White = 4417 Warm White = 3622	05
				120/240	120V = 425	120V = 50		
				240V = 215	240V = 51			

PHOTOMETRIC CURVES



High Luminance COB LED Linear Wall Washer



LED COLOUR TEMPERATURE

3000K · 6000K

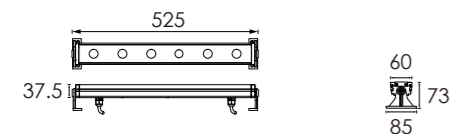
OPTICS



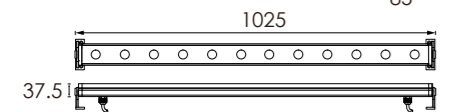
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)

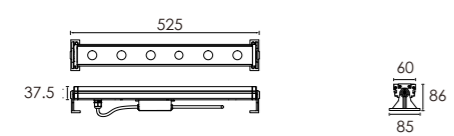


ZKCAG

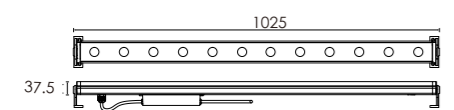


ZKCAH

High voltage input (100V-240V)



ZKCAG

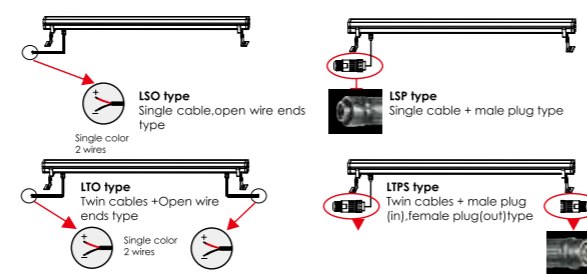


ZKCAH

MATERIAL SPECIFICATIONS

HOUSING	Extruded aluminum, powder coated
REFLECTOR	Optical Reflector, efficiency ≥ 85%
LIGHT WINDOW	Step tempered glass, T=3mm
CABLE GLAND	IP68 PG-11.0 PA66
GASKET	IP68 plug male/female (option)
OPERATING TEMPERATURE	-20°C ~ 40°C
BRACKET	12# Die-casting powder coated aluminum
POWER CABLE	Input: waterproof plug connector Output: waterproof socket connector 2XH05RR-F 2X1.50mm2 L=0.3m (low voltage) 2XH05RN-F 3X1.00mm2 L=1.0m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

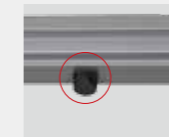
Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



OPTIONAL HONEYCOMB LOUVER



• Air Valve



• Cap-Optional Accessory

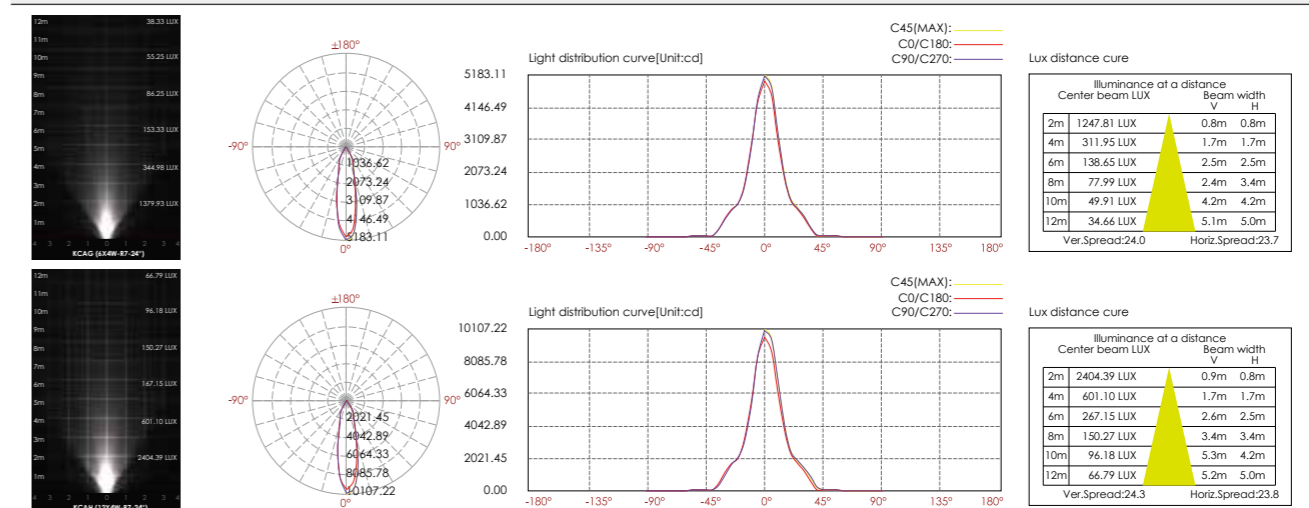


• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°) Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZKCAG	6×4W CREE	24°	525	24V DC 120/240	24V = 1200	24V = 28.8	Cool White = 2345 Warm White = 2088	05
					120V = 230	120V = 25		
					240V = 117	240V = 25		
ZKCAH	12×4W CREE	24°	1025	24V DC 120/240	24V = 2380	24V = 57.6	Cool White = 4645 Warm White = 4134	05
					120V = 422	120V = 50		
					240V = 217	240V = 49.5		

PHOTOMETRIC CURVES





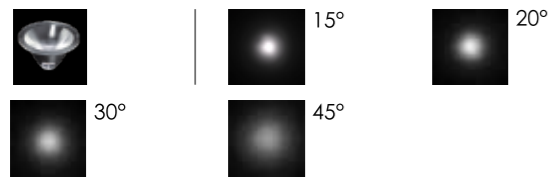
High Luminance Output LED Linear Wall Washer



LED COLOUR TEMPERATURE

2000K · 3000K · 6000K

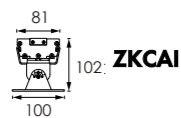
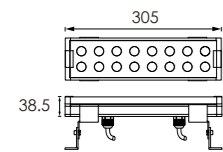
OPTICS



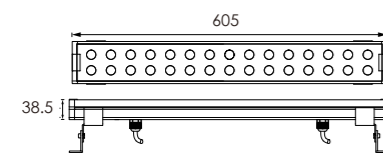
OUTER DIMENSIONS & ACCESSORIES

Unit:mm

Low voltage input (24VDC)

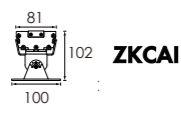
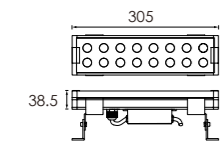


ZKCAI

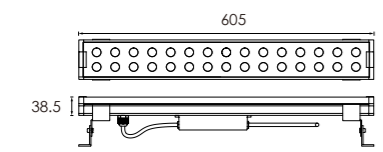


ZKCAJ

High voltage input (100V-240V)



ZKCAI

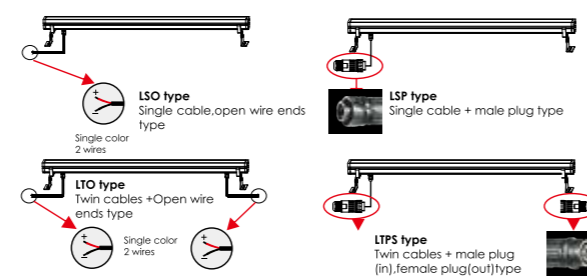


ZKCAJ

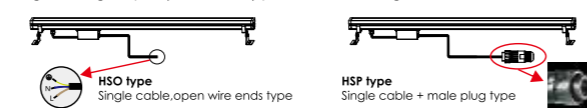
MATERIAL SPECIFICATIONS

HOUSING	Extruded aluminum, powder coated
LENS	Optical lens, efficiency ≥ 85%
LIGHT WINDOW	Step tempered glass, T=4mm
CABLE GLAND	IP68 PG-11 PA66
GASKET	IP68 plug male/female (option)
OPERATING TEMPERATURE	-20°C ~ 40°C
BRACKET	Stainless steel, T=1.5mm
POWER CABLE	Input: waterproof plug connector Output: waterproof socket connector 2XH07RN-F 2X1.50mm 2L=0.3m (low voltage) 2XH05RN-F 3X1.00mm 2L=1.0m (high voltage)
DIMMABLE SUPPORT	Triac PWM 1-10V Dali

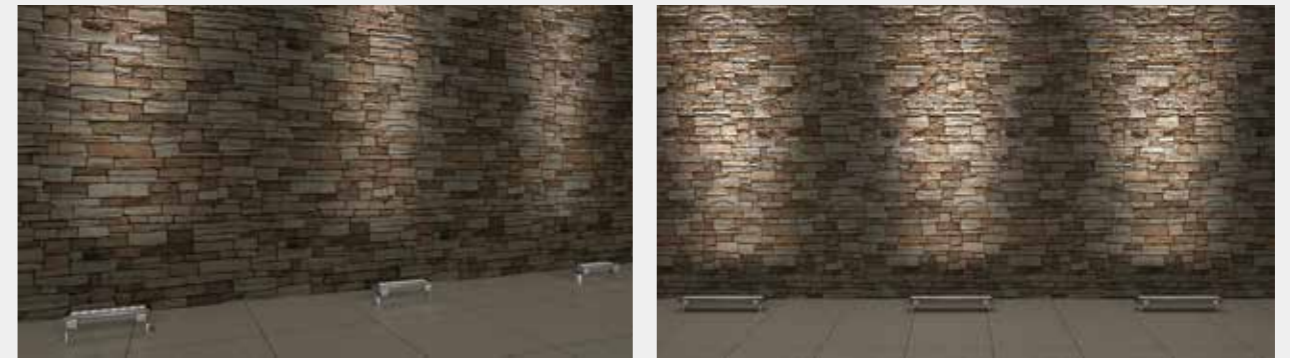
Low voltage input (24VDC) power cord model



High voltage input (100V-240V) power cord wiring model



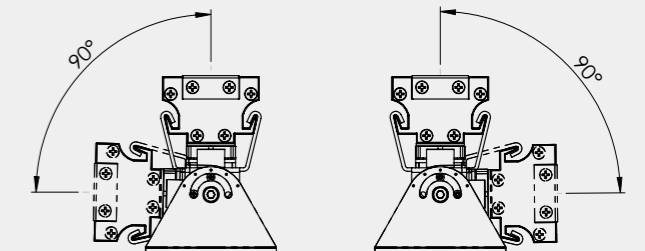
LIGHTING EFFECT DEMO



• Cap-Optional Accessory



• Air Valve



• Adjustable beam direction

TECHNICAL DATA

ITEM	LIGHT SOURCE	LENS DEGREE(°)Ø1/2	LENGTH(MM)	INPUT VOLTAGE(V)	OPERATING CURRENT(MA)	CONSUMPTION(W)	LUMINANCE(LM)	IK
ZKCAI	16×1.5W	20°	305	24V DC 120/240	24V = 1050	24V = 25	Cool White = 2000 Warm White = 1592	05
					120V = 223	120V = 26		
					240V = 124	240V = 26.4		
ZKCAJ	30×1.5W	20°	605	24V DC 120/240	24V = 1750	24V = 42	Cool White = 4040 Warm White = 2730	05
					120V = 396	120V = 47		
					240V = 219	240V = 48		

PHOTOMETRIC CURVES

