

# HLS

[www.helenastudio.com](http://www.helenastudio.com)

## 24V- 48VDC Track Light System

Special design for Display, Cabinet and Furniture lighting

Easy for installation and replacement!

5 years warranty!



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www.kuliah.com



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3W



2W



1.5W



1W



1W

2.5W/300mm





# Track Lily

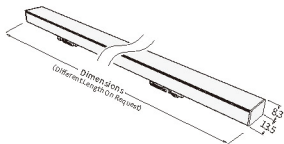
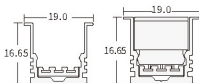
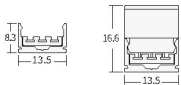
Super Slim LED linear light with low power track  
Endless extends without dark area

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no dark area connection



Voltage input:24-48VDC  
Dimming:0-10V/PWM/DALI(only select one of them)  
Color rendering:Ra>80, >90  
Available color:2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature:0~45°C  
Different length on request

Picture	Model	Dimensions	Power	Luminous Flux	Light Distribution Curve
	TP03-300	300mm	2.5W	50-70lm/W (CCT:3000K, CRI>80)	 110°

# Track Lina

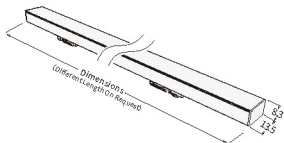
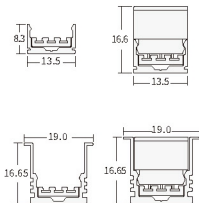
Super Slim LED linear light with low power track  
Endless extends without dark area

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picture for Asymmetric track linear



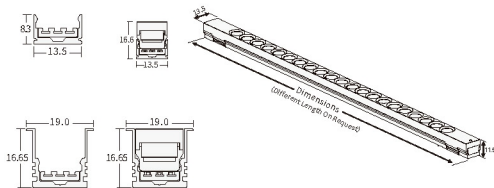
Voltage input:24-48VDC  
Dimming:0-10V/PWM/DALI(only select one of them)  
Color rendering:Ra>80, >90  
Available color:2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature:0~45°C  
Different length on request

Picture	Model	Dimensions	Power	Luminous Flux	Light Distribution Curve
	TP03A-300 (Asymmetric)	300mm	3W	50-60lm/W (CCT:3000K, CRI>80)	 70°

# Track Lino

Mini Spot light with low power track  
Suitable for furniture and showcase application  
Just plug into the track system  
Available in black color

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Voltage input: 24V - 48VDC  
Dimming: 0-10V/PWM/DALI (only select one of them)  
Color rendering: Ra > 80, > 90  
Available color: 2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature: 0~45°C  
Different length on request

Picture	Model	Dimensions	Power	Luminous Flux	Light Distribution Curve
	TP05-300-20*/35*/50*	300mm	8W	90-100lm/W (CCT: 3000K, CRI > 80)	 50°

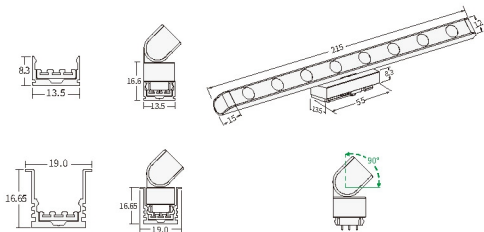
# Track Lisa

Mini Spot light with low power track  
Suitable for furniture and showcase application  
Just plug into the track system  
Available in black color

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Voltage input: 24-48VDC  
Dimming: 0-10V/PWM/DALI (only select one of them)  
Color rendering: Ra>80, >90  
Available color: 2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature: 0-45°C  
Different length on request



Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP04-215-20°	5W	70-80lm/W (CCT:3000K, CRI>90)	 20°
	TP04-215-35°	5W	90-100lm/W (CCT:3000K, CRI>80)	 35°
	TP04-215-45°	5W	90-100lm/W (CCT:3000K, CRI>80)	 45°



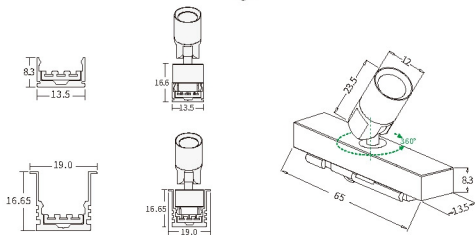
# Spot Mini 1

Mini Spot light with low power track  
Suitable for furniture and showcase application  
Just plug into the track system  
Available in black color

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Voltage input:24-48VDC  
Dimming:0-10V/PWM/DALI(only select one of them)  
Color rendering:Ra>80, >90  
Available color:2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature:0~45°C  
Different length on request



Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP03-1SPOT3-20°	1.2W	50-60lm/W (CCT:3000K, CRI>90)	
	TP03-1SPOT3-35°	1.2W	50-60lm/W (CCT:3000K, CRI>90)	

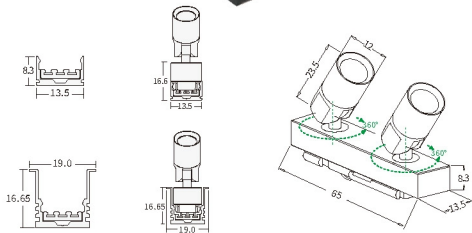
# Spot Mini 2







Mini Spot light with low power track  
Suitable for furniture and showcase application  
Just plug into the track system  
Available in black color

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Voltage input: 24-48VDC  
Dimming: 0-10V/PWM/DALI (only select one of them)  
Color rendering: Ra>80, >90  
Available color: 2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature: 0-45°C  
Different length on request



Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP03-2SPOT3-20°	2W	90-100lm/W (CCT:3000K, CRI>80)	
	TP03-2SPOT3-35°	2W	90-100lm/W (CCT:3000K, CRI>80)	
	TP03-2SPOT3-50°	2W	90-100lm/W (CCT:3000K, CRI>80)	

# HLS

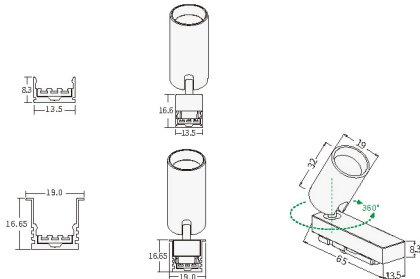
www.hlsled.com

## Spot Mido

Mini Spot light with low power track  
Suitable for furniture and showcase application  
Just plug into the track system  
Available in black color



Voltage input: 24-48VDC  
Dimming: 0-10V/PWM/DALI (only select one of them)  
Color rendering: Ra > 80, > 90  
Available color: 2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature: 0-45°C  
Different length on request



Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP03-SPOT1-15°	1.5W	70-80lm/W (CCT:4000K, CRI>80)	
	TP03-SPOT1-20°	1.5W	70-80lm/W (CCT:3000K, CRI>80)	
	TP03-SPOT1-50°	1.5W	70-80lm/W (CCT:4000K, CRI>80)	

# HLS

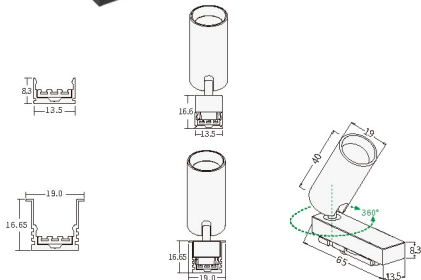
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## Spot Mina

Mini Spot light with low power track  
 Suitable for furniture and showcase application  
 Just plug into the track system  
 Available in black color



Voltage input: 24-48VDC  
 Dimming: 0-10V/PWM/DALI (only select one of them)  
 Color rendering: Ra>80, >90  
 Available color: 2500K/2700K/3000K/3500K/4000K/5000K/5700K  
 Operating temperature: 0~45°C  
 Different length on request



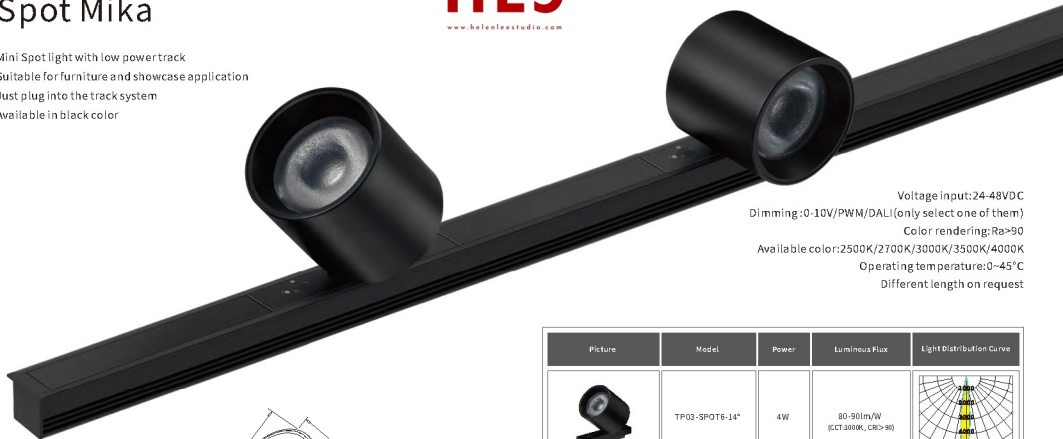
Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP03-SPOT2-15°	2W	60-70lm/W (CCT:3000K, CR>90)	
	TP03-SPOT2-30°	2W	70-80lm/W (CCT:3000K, CR>80)	
	TP03-SPOT2-50°	2W	70-80lm/W (CCT:3000K, CR>80)	



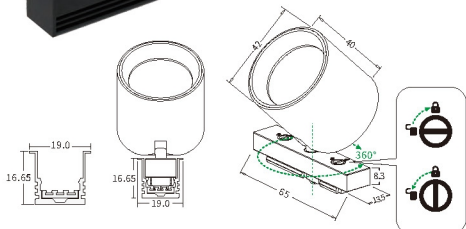
# Spot Mika

Mini Spot light with low power track  
 Suitable for furniture and showcase application  
 Just plug into the track system  
 Available in black color

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Voltage input: 24-48VDC  
 Dimming: 0-10V/PWM/DALI (only select one of them)  
 Color rendering: Ra>90  
 Available color: 2500K/2700K/3000K/3500K/4000K  
 Operating temperature: 0~45°C  
 Different length on request



⚠ Please turn the locking bottom to the locked state after the lamp is installed on the track, and turn it to the unlocked state before removing the lamp.

Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP03-SPOT6-14°	4W	80-90lm/W (CCT:3000K, CRI>90)	
	TP03-SPOT6-22°	4W	80-90lm/W (CCT:3000K, CRI>90)	
	TP03-SPOT6-60°	4W	70-80lm/W (CCT:3000K, CRI>90)	

# 3 Augen

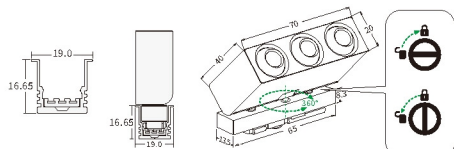
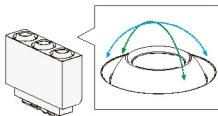
Mini Spot light with low power track  
Suitable for furniture and showcase application  
Just plug into the track system  
Available in black color

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Voltage input:24-48VDC  
Dimming:0-10V/PWM/DALI (only select one of them)  
Color rendering:Ra>80, >90  
Available color:2500K/2700K/3000K/3500K/4000K/5000K/5700K  
Operating temperature:0-45°C  
Different length on request




▲ Please turn the locking bottom to the locked state after the lamp is installed on the track, and turn it to the unlocked state before removing the lamp.

Picture	Model	Power	Luminous Flux	Light Distribution Curve
	TP03-3SPOT4-25°	3W	70-80lm/W (CCT:2700K, CR>80)	 25°
	TP03-3SPOT4-35°	3W	90-100lm/W (CCT:3000K, CR>80)	 35°
	TP03-3SPOT4-55°	3W	90-100lm/W (CCT:3000K, CR>80)	 55°

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Dimensions	Picture	Description	Part No.	Dimensions	Picture	Description	Part No.
		<b>TPR03</b> Track rail	1.05.500.0052			<b>TPR03AL6</b> Aluminium housing	1.05.500.0065 (End cap:1.02.04.99.0026)
		<b>TPR03-SC1</b> Silicone cover For AL2/3/4/5/6	1.02.12.0015			<b>TPR03AL7</b> Aluminium housing	1.05.500.0076
		<b>TPR03AL1</b> Aluminium housing	1.05.500.0054 (End cap:1.02.04.99.0042)			<b>TPR03AL8</b> Aluminium housing	1.05.500.0074
		<b>TPR03AL2</b> Aluminium housing	1.05.500.0055 (End cap:1.02.04.99.0040)			<b>TPR03AL3</b> Aluminium housing	1.05.500.0066 (End cap:1.02.04.99.0043)
		<b>TPR03AL4</b> Aluminium housing	1.05.500.0068 (End cap:1.02.04.99.0023)			<b>TPR03AL5</b> Aluminium housing (For TPR03-2SPD1,TP03,TP03A)	1.05.500.0067 (End cap:1.02.04.99.0029)

Picture	Description	Wire Length	Part No.	Picture	Description	Part No.
	<b>TPP04</b> 24V/48V power join connector Max Power:120W	Wire length 500mm (different length is available)	8.026.177		<b>SLT30</b> 24V 30W LED power supply	1.09.04.0077
	<b>TPP05</b> 24V/48V PWM (reverse signal) to 0-10V Dimmer Max Power:100W	Wire Length 200mm (different length is available)	8.026.210		<b>SLT60</b> 24V 60W LED power supply	1.09.04.0078
	<b>TPP03</b> 24V/48V power connector Max Power:80W	Wire length 500mm (different length is available)	8.026.076		<b>SLT100</b> 24V 100W LED power supply	1.09.04.0079
	<b>TPC03</b> 24V/48V power join connector Max Power:80W	Wire length 25 mm (different length is available)	8.026.075		<b>SLT150</b> 24V 150W LED power supply	1.09.04.0080
Picture	Description	Length	Part No.			
	Rope system for hang up (For TPR03AL4/TPR03AL5)	2 meter length	1.01.06.0065			
	Rope system for hang up (For TPR03AL6)	1.5 meter length	1.01.06.0005			



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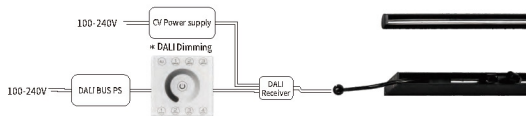
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Picture	Model	Dimensions	Power	Luminous Flux	Light Distribution Curve	Picture	Model	Dimensions	Power	Luminous Flux	Light Distribution Curve
	TP03-1SP OT3-20°/35°		1.2W	90-60lm/W	 20°		TP03-300	300mm	2.5W	50-70lm/W	 110°
	TP03-SPOT1-15°/30°/50°		1.5W	70-80lm/W	 30°		TP03A-300 (Asymmetric)	300mm	3W	50-60lm/W	 70°
	TP03-SPOT2-15°/30°/50°		2W	70-80lm/W	 50°		TP04-215 -20°/35°/50°	215mm	5W	90-100lm/W	 50°
	TP03-2SP OT3-20°/35°/50°		2W	90-100lm/W	 20°		TP05-300 -20°/35°/45°	300mm	8W	90-100lm/W	 50°
	TP03-3SP OT4-25°/35°/55°		3W	90-100lm/W	 55°						
	TP03-SPOT6-14°/22°/60°		4W	80-90lm/W	 14°						

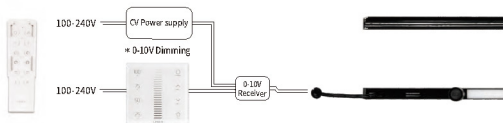
## 1. Wiring



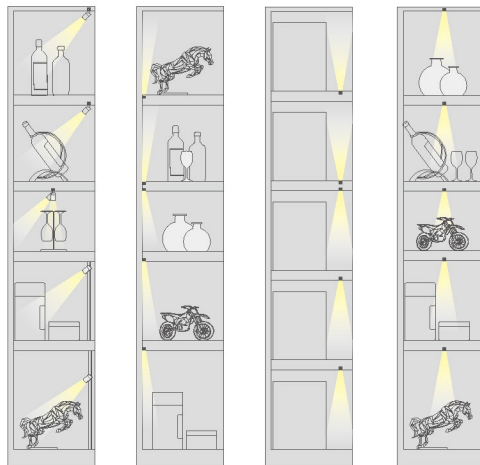
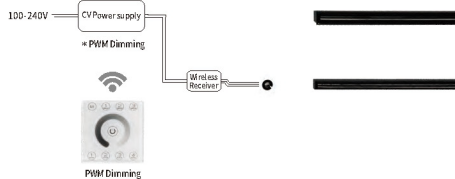
## 2. DALI Dimming



## 3. 0-10V Dimming



## 4. PWM Dimming

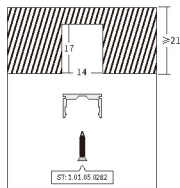


### Installation Method Option 1

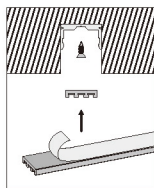
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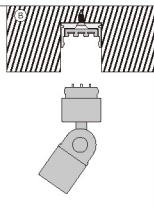
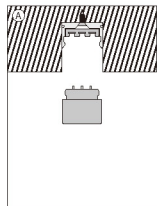
### Installation Method Option 2



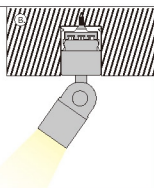
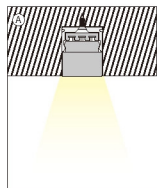
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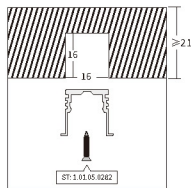
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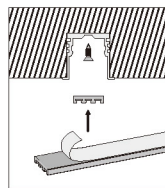
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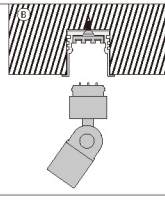
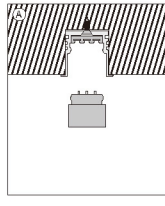
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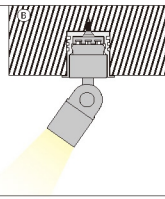
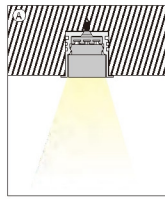
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2



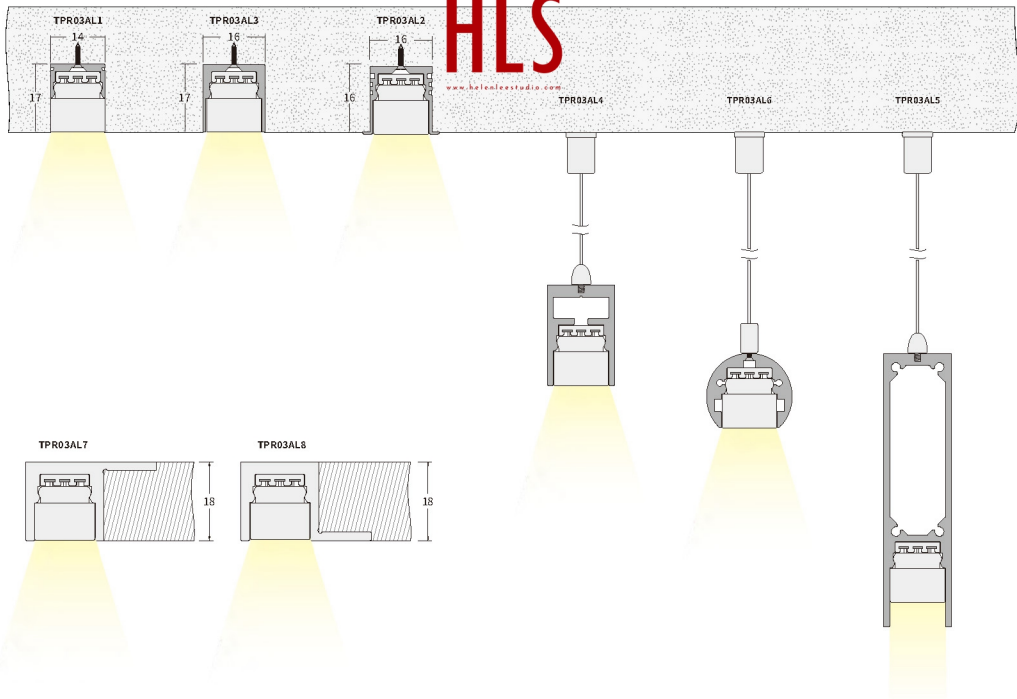
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4

# HLS

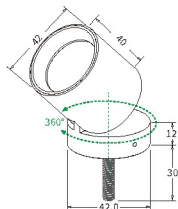
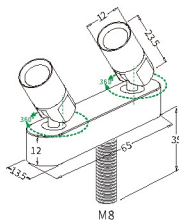
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## Jewelry Fili

# HLS Jewelry Filo

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Voltage input: 24-48VDC

Dimming: 0-10V/PWM/DALI (only select one of them)

Color rendering: Ra > 80, > 90

Available Color: 2700K/3000K/3500K/4000K/5000K/5700K

Operating temperature: 0~45°C

Voltage input: 24-48VDC

DMX or Dimming: 0-10V/PWM/DALI (only select one of them)

Color Rendering: Ra > 90

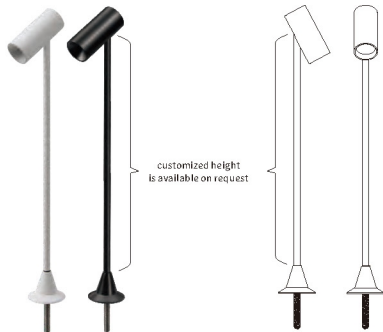
Available Color: 2700K/3000K/3500K/4000K

Operating Temperature: 0~45°C

Picture	Model	Power	Luminous Flux	Light Distribution Curve
	JS01-20°	2W	90-100lm/W (CCT:3000K, CRI>80)	
	JS01-35°	2W	90-100lm/W (CCT:3000K, CRI>80)	
	JS01-50°	2W	90-100lm/W (CCT:3000K, CRI>80)	

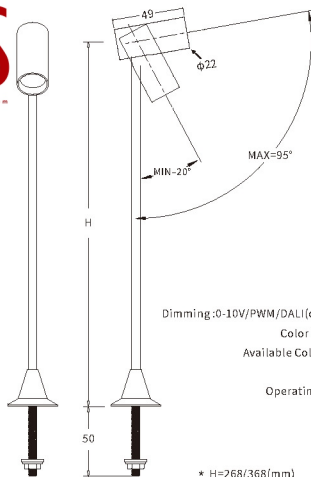
Picture	Model	Power	Luminous Flux	Light Distribution Curve
	JS03-14°	4W	80-90lm/W (CCT:3000K, CRI>90)	
	JS03-22°	4W	80-90lm/W (CCT:3000K, CRI>90)	
	JS03-60°	4W	70-80lm/W (CCT:3000K, CRI>90)	

## Jewelry Fima



# HLS

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Voltage input: 24VDC  
 Dimming: 0-10V/PWM/DALI (only select one of them)  
 Color Rendering: Ra > 80, >90  
 Available Color: 2700K/3000K/3500K  
 4000K/5000K/5700K  
 Operating Temperature: 0~45°C

\* H=268/368(mm)  
 (customized height is available on request)

Picture	Model	Power	Luminous Flux	Light Distribution Curve
	JS02-black/white-15°	2W	80lm /W (CCT3000K, CRI>88)	 15°
	JS02-black/white-25°	2W	80lm /W (CCT3000K, CRI>88)	 25°
	JS02-black/white-55°	2W	78lm /W (CCT3000K, CRI>88)	 55°



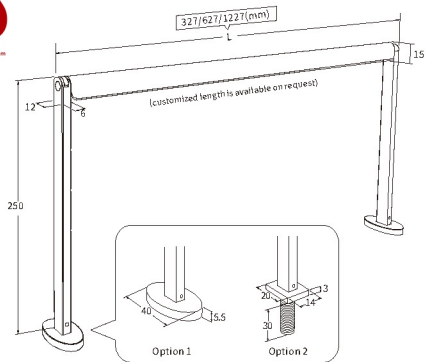
# Jewelry Fika

# HLS

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Voltage input: 24VDC  
 Dimming: 0-10V/PWM/DALI (only select one of them)  
 Color Rendering: Ra > 80, >90  
 Available Color: 2700K/3000K/3500K/4000K/5000K/5700K  
 Operating Temperature: 0~45°C



Picture	Model	Power	Luminous Flux	Light Distribution Curve
	JL01-327-25*/35*	4.5W	90-100lm/W (CCT:3500K, CR>=80)	
	JL01-627-25*/35*	9W	80-90lm/W (CCT:3500K, CR>=80)	