Energia solar led S. L
calle Rio Tormes 13 Fuenlabrada 28947 Madrid Spain
Email: energiasolarled2008@gmail.com
0034 916426626

www.ledespecial.com

Model: **ESL-2ALGD1080121-8WD35**

Magnetic Track Spotlight

DALI for precise 0.1% dimming, with dual compatibility for 0-10V, TRIAC, ZigBee & Bluetooth.

Design Concept

Die-cast aluminum housing with a matte black finish offers a refined texture and clean lines, seamlessly blending with modern, minimalist, and industrial interior styles.

The spotlight head supports 360° horizontal rotation and wide vertical tilting, enabling precise accent lighting. It delivers flexible, dead-zone-free illumination for both commercial displays and residential ambiance creation.

Range of application

Generally, it is widely used in clothing stores, jewelry stores, exhibition halls, hotels, clubs and other commercial places that need decorative effects and key lighting. However, because of its fashionable appearance, full sense of technology, high flexibility and so on, it is loved by more and more young people, and is often used by designers for household lighting in living rooms, bedrooms, study and so on. Empower design and add color to life!

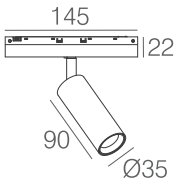




Basic parameter

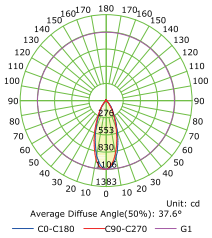
Warranty	5 years
Wattage	8W
Size	ϕ35×H90mm
Cutout	/
Installation	Magnetic Track
IPgrade	IP20
Beam Angle	15°/24°/38°
Main Material	Aluminum
Finished Color	Black/ White/White+Black
Working Temperature	-10°C~40°C
Product Standards	IEC(or EN)60598-1
Certification	CE

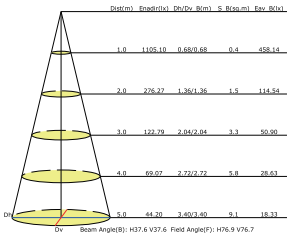
Dimensions (mm)



LED parameter

LED Brand&Type	COB
CRI	≥90
CCT	3000K | 4000K | 5000K
Light Efficiency	80-90lm/w
LED chip numbers	1 pcs
Lumen	3000K:610lm | 4000K:625m | 5000K:640lm





Packaging parameter

Quatity	50pcs/ctn
N.W.	7.45kg/ctn
G.W.	11.84kg/ctn
Inner Box	L205×W105×H50mm
Outer Box	L600×W350×H220mm
Volume	0.0462m³/ctn
Weight	220g/pcs
Weight	149g/pcs

Tips: Color temperature, lumen, beam angle and power all have errors of ±10%, which belongs to the normal range.

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Model: **ESL-2ALGD1080121-12WD45**

Magnetic Track Spotlight

DALI for precise 0.1% dimming, with dual compatibility for 0-10V, TRIAC, ZigBee & Bluetooth.

Design Concept

Die-cast aluminum housing with a matte black finish offers a refined texture and clean lines, seamlessly blending with modern, minimalist, and industrial interior styles.

The spotlight head supports 360° horizontal rotation and wide vertical tilting, enabling precise accent lighting. It delivers flexible, dead-zone-free illumination for both commercial displays and residential ambiance creation.

Range of application

Generally, it is widely used in clothing stores, jewelry stores, exhibition halls, hotels, clubs and other commercial places that need decorative effects and key lighting. However, because of its fashionable appearance, full sense of technology, high flexibility and so on, it is loved by more and more young people, and is often used by designers for household lighting in living rooms, bedrooms, study and so on. Empower design and add color to life!



Black



White



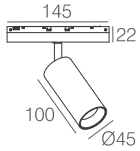
White+Black



Basic parameter

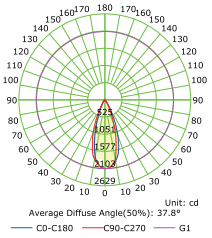
Warranty	5 years
Wattage	12W
Size	ϕ45×H100mm
Cutout	/
Installation	Magnetic Track
IPgrade	IP20
Beam Angle	15°/24°/38°
Main Material	Aluminum
Finished Color	Black/ White/White+Black
Working Temperature	-10°C~40°C
Product Standards	IEC(or EN)60598-1
Certification	CE

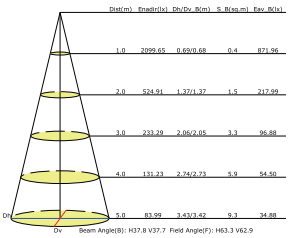
Dimensions (mm)



LED parameter

LED Brand&Type	COB
CRI	≥90
CCT	3000K | 4000K | 5000K
Light Efficiency	80-90lm/w
LED chip numbers	1 pcs
Lumen	3000K:943m | 4000K:965m | 5000K:986lm





Packaging parameter

Quatity	30pcs/ctn
N.W.	6.06kg/ctn
G.W.	9.18kg/ctn
Inner Box	L215×W115×H60mm
Outer Box	L455×W325×H370mm
Volume	0.0547m³/ctn
Weight	278g/pcs
Weight	202g/pcs

Tips: Color temperature, lumen, beam angle and power all have errors of ±10%, which belongs to the normal range.

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Model: **ESL-2ALGD1080121-16WD55**

Magnetic Track Spotlight

DALI for precise 0.1% dimming, with dual compatibility for 0-10V, TRIAC, ZigBee & Bluetooth.

Design Concept

Die-cast aluminum housing with a matte black finish offers a refined texture and clean lines, seamlessly blending with modern, minimalist, and industrial interior styles.

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Range of application

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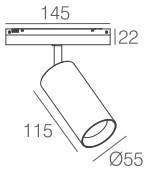
Black | White | White+Black



Basic parameter

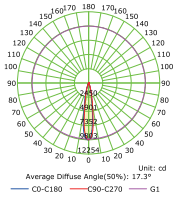
Warranty	5 years
Wattage	16W
Size	ϕ55×H115mm
Cutout	/
Installation	Magnetic Track
IPgrade	IP20
Beam Angle	15°/24°/38°
Main Material	Aluminum
Finished Color	Black/ White/White+Black
Working Temperature	-10°C~40°C
Product Standards	IEC(or EN)60598-1
Certification	CE

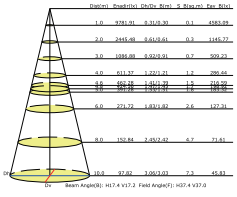
Dimensions (mm)

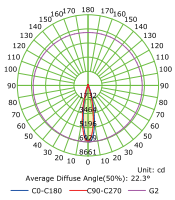


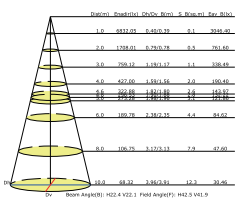
LED parameter

LED Brand&Type	COB
CRI	≥90
CCT	3000K | 4000K | 5000K
Light Efficiency	90-100lm/w
LED chip numbers	1 pcs
Lumen	3000K:1314m | 4000K:1344m | 5000K:1373m









Packaging parameter

Quatity	30pcs/ctn
N.W.	8.55kg/ctn
G.W.	12.14kg/ctn
Inner Box	L235×W125×H70mm
Outer Box	L495×W375×H400mm
Volume	0.07425m³/ctn
Weight	370g/pcs
Weight	285g/pcs

Tips: Color temperature, lumen, beam angle and power all have errors of ±10%, which belongs to the normal range.

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01 Drive parameter

Driver	No Dimming, flicker-free
Input	DC 48V
Output	DC 15-40V 250mA
Typical Efficiency	/
Certificate	/
Ta/Tc, Surge	45℃/75℃

02 Drive parameter

Driver	0-10V Dimming, flicker-free
Input	DC 48V
Output	/
Typical Efficiency	/
Certificate	/
Ta/Tc, Surge	/

03 Drive parameter

Driver	DALI Dimming , flicker-free
Input	DC 48V
Output	/
Typical Efficiency	/
Certificate	/
Ta/Tc, Surge	/

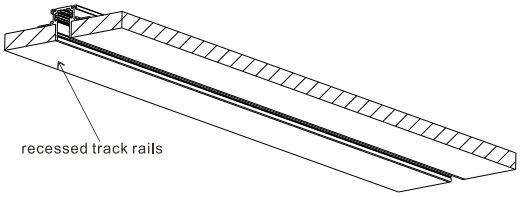
04 Drive parameter

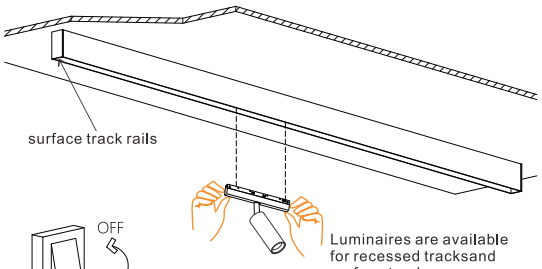
Driver	Zigbee Dimming , flicker-free
Input	DC 48V
Output	/
Typical Efficiency	/
Certificate	/
Ta/Tc, Surge	/

05 Drive parameter

Driver	Triac Dimming, flicker-free
Input	DC 48V
Output	/
Typical Efficiency	/
Certificate	/
Ta/Tc, Surge	/

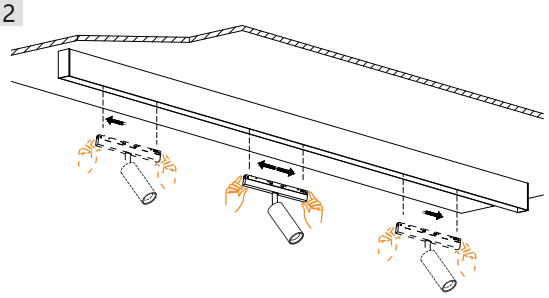
1 Lamp Installation

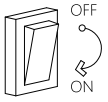




Attention
Before any maintenance
switch off the main power.

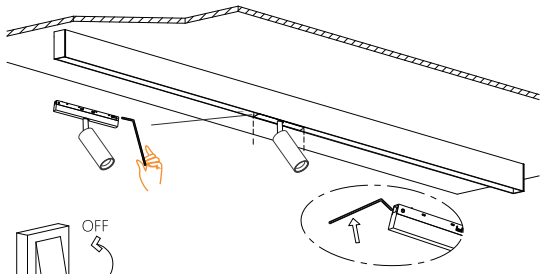
2





Adjust the fixture for proper position:
You can move the fixture from side to side on the track to adjust the properposition.

Luminaire Removal



Use the appropriate hex wrench card to correspond to the position of the power head shown in the diagram, press in the direction shown in the diagram to remove the lamp

iN

Tips: Color temperature, lumen, beam angle and power all have errors of ±10%, which belongs to the normal range.