

CATERLUX
Live an illuminated life



2.2 LINE MAGNETIC LIGHTING SYSTEM



About us

Ever since Caterlux's inception in 2016, we have been working hard towards lighting up your homes with avant-garde quality products and exceptional service. We specialize in providing energy efficient lighting solutions and LED to our customers. Caterlux's lighting solutions add value to space be it office or home. Our lighting solutions are paving the way towards a brighter future with the combination of design and innovation. Providing quality lighting with minimal cost is what Caterlux firmly believes in.

From initial consultation to designs and conceptualization to delivering premium quality and even custom-made lighting solutions, there's nothing we don't do. All our lighting products meet the highest quality standards and are designed to give our customers absolute value for money.

Ensuring you with select, high end illumination products, we stand behind our work and guarantee the most stringent quality assurances. Caterlux lighting strives to bring to our customers lighting solutions that strike the perfect balance between quality, reliability and style.



Product Overview- 14 Professional Edition Magnetic Combined Lighting System

Track

Embedded



CTR-GD6236Y

suspension/
Ceiling



CTR-GD2345D

Lamps

Spotlight



CTR-GD142265/3W



CTR-SD143463/5W



CTR-SD1434100/8W

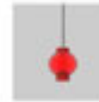
Chandelier



CTR-DXD1434200/5W



CTR-DXD146068/5W



CTR-DXD14100110/3W

Grille
Linear lights



CTR-GSD1469/L151/T5W



CTR-GSD1469/L223/T7W



CTR-GSD1430/L151/5W



CTR-GSD1430/L295/10W

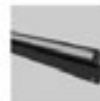


CTR-GSD1430/L512/17W

Flat
Linear lights



CTR-PMD1469/L151/T7W



CTR-PMD1469/L223/T7W



CTR-PMD1430/L151/5W



CTR-PMD1430/L295/10W



CTR-PMD1430/L512/17W



Product name : 14-type professional version of the magnetic combination integrated embedded track

Product model : CTR-GD6236Y/L1000

Installation method : pre-buried

Product size : W62*H36mm

Standard specification : L500/1000/2000mm

Control mode : single group control

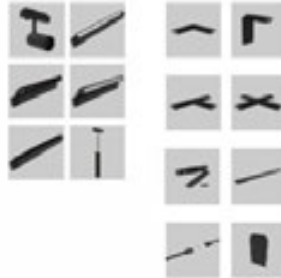
Material : 6063 aluminum

Appearance color : sand black/sand white

Hole size : W30*H40mm
(the length depends on the track)

Protection class: Ip20

Ceiling thickness: 9mm

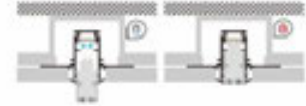


Installation method

Keel embedded

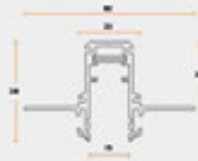
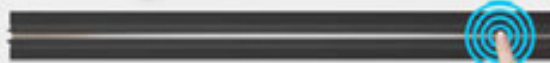


Wooden box embedded



Please refer to the installation instructions for the installation method.
Magnetic attraction between track and lamps
Plus mechanical snap method to lock, more solid

Tracks are suitable for installation before ceiling installation

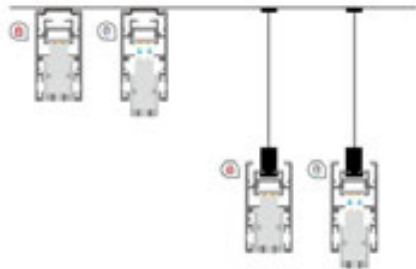


Touch at will

Adopt 24V safe voltage setting meter, normal 24V voltage on Electricity is touchable.

- ◆ The calculation method of the opening height is the height from the top of the track to the fixed plate +10mm space for power supply cable +5mm space for male and female connectors
- ◆ The calculation method of the opening width is the maximum size of the track to be embedded+5mm activity space





Installation method



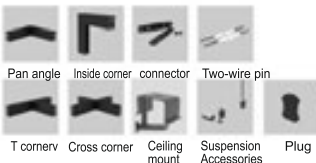
Touch at will

Adopt 24V safe voltage setting meter, normal 24V voltage on Electricity is touchable.

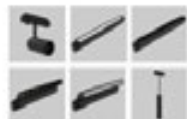
Please refer to the installation

Instructions for the installation method.
Between the track and the light fixture
Magnetic suction and mechanical buckle lock, more solid

Applicable accessories

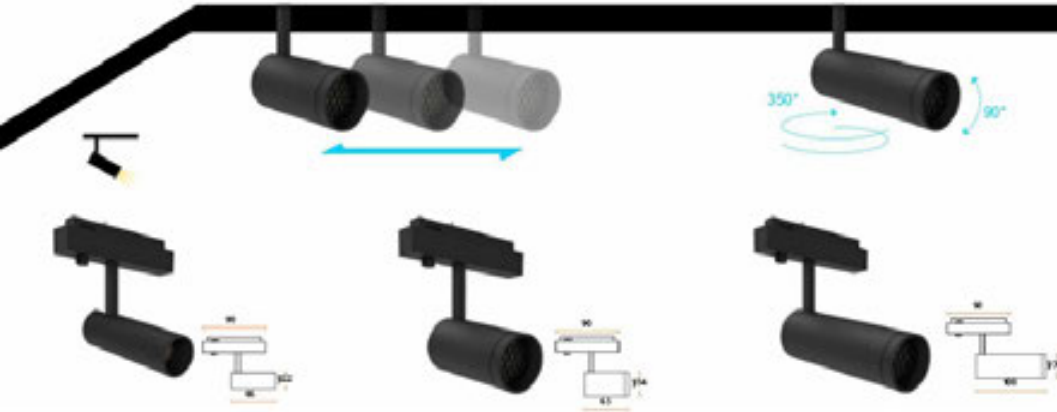


Applicable lamps



- Product Name : Type 14 Professional Magnetic Suspension Combination Track
- Product model : CTR-GD2345D/L1000
- Installation method : hanging/ceiling type
- Product size : W23*H45mm
- Standard specification : L1000/1500/2000mm
- Control mode : single group control
- Material : 6063 aluminum
- Appearance color : sand black/sand white
- Protection class : Ip20





After installing the light
Rotary button to lock lamps

Product name : 14 type magnetic combined lighting spotlight
 Product model : CTR-SD142265/3W
 Product size : Ø22*L65mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 3W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90

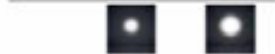
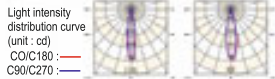
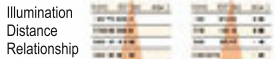
Product name : 14 type magnetic combined lighting spotlight
 Product model : CTR-SD143463/5W
 Product size : Ø34*L63mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Honourtek/Luminus
 Voltage : DC24V
 Power : 5W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 15°/24°/38°

Product name : 14 type magnetic combined lighting spotlight
 Product model : CTR-SD1434100/8W
 Product size : Ø34*L100mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Honourtek/Luminus
 Voltage : DC24V
 Power : 8W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 15°/24°/38°

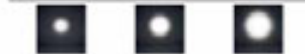
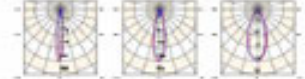


Optical parameters

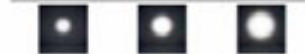
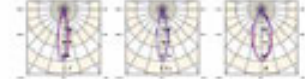
Beam angle	15°	24°
Luminous flux	246.3lm	166.6lm



	15°	24°	38°
Luminous flux	345.3 lm	403.8lm	258.5 lm



	15°	24°	38°
Luminous flux	563.5lm	494.4 lm	339.7lm



**Applicable track
(14 series track)**



Color temperature comparison legend



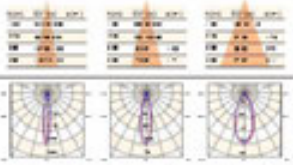


Product name : 14 type magnetic suction mbined lighting apple chandler
 Product model : CTR-DXD146068/5W
 Product size : $\varnothing 60^* 68\text{mm}$
 Material : 6063 aluminum
 Appearance color : black/red/dark green
 Protection class : Ip20
 Dimming : support
 Light source : Honourtek/Luminus
 Voltage : DC24V
 Power : 5W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥ 90
 Beam angle : $15^{\circ}/24^{\circ}/38^{\circ}$

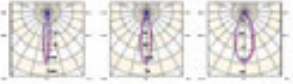
Optical parameters

Beam angle	15°	24°	38°
Luminous flux	345.3 lm	243.5 lm	258.5 lm

Illumination
Distance
Relationship



Light intensity
distribution curve
(unit : cd)

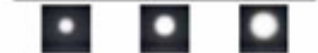
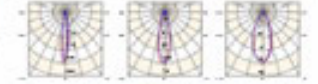
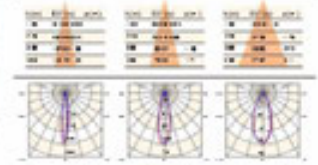


Applicable track
(14 series track)



Product name : 14 type magnetic combined lighting pendant lamp
 Product model : CTR-DXD1434200/5W
 Product size : $\varnothing 34^* L200\text{mm}$
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Honourtek/Luminus
 Voltage : DC24V
 Power : 5W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥ 90
 Beam angle : $15^{\circ}/24^{\circ}/38^{\circ}$

Beam angle	15°	24°	38°
Luminous flux	345.3 lm	243.5 lm	258.5 lm





Insert the magnetic light fixture directly into the corresponding track. Force squeeze the lamp, the retractable glass bead automatically snaps into the main track; magnetic Suction + mechanical buckle fixed, the lamp is more firm and not easy to fall.



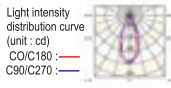
Applicable track
(14 series high power rail)



Product Name : Type 14 Professional Edition Magnetic Combined Lighting 180 Degree Adjustable Grille Linear Light
 Product model : CTR-GSD1469/L151/TSW
 Product size : L151*W14*H69mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 5W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 30°

Optical parameters

Beam angle 24°
 Luminous flux 156.7 lm



Color temperature comparison legend



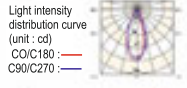
2700K 3000K 4000K



Product Name : Type 14 Professional Edition Magnetic Combined Lighting 180 Degree Adjustable Grille Linear Light
 Product model : CTR-GSD1469/L223/7TW
 Product size : L223*W14*H69mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 7W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 30°

Optical parameters

Beam angle 24°
 Luminous flux 205.5 lm



- Dimmable
- Easy Installation
- High CRI
- No Flicker
- Energy Efficient
- Designer Design
- Environmentally friendly materials



Product Name : Type 14 Professional Edition Magnetic Combined Lighting 180 Degree Adjustable Flat Luminous Linear Light
 Product model : CTR-PMD1469/L223/T7W
 Product size : L223*W14*H69MM
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 7W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 100°

Optical parameters

Beam angle 100°

Luminous flux 105.2 lm

Illumination Distance Relationship



Light intensity distribution curve (unit: cd)

CO/C180 : —
 C90/C270 : —



- Easy Installation
- High CRI
- Dimmable
- Environmentally friendly materials
- Energy Efficient
- Designer Design
- No Flicker

Color temperature comparison legend



2700K 3000K 4000K



Insert the magnetic light fixture directly into the corresponding rail Dao, squeeze the lamp slightly, stretch the glass
 Main track of automatic bead card; magnetic suction + mechanical card
 The buckle is fixed, the lamp is more firm and not easy to fall

Applicable track
(14 series track)



Product Name : Type 14 Professional Edition Magnetic Combined Lighting 180 Degree Adjustable Flat Luminous Linear Light
 Product model : CTR-PMD1469/L223/T7W
 Product size : L223*W14*H69MM
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 7W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 100°

Optical parameters

Beam angle 100°

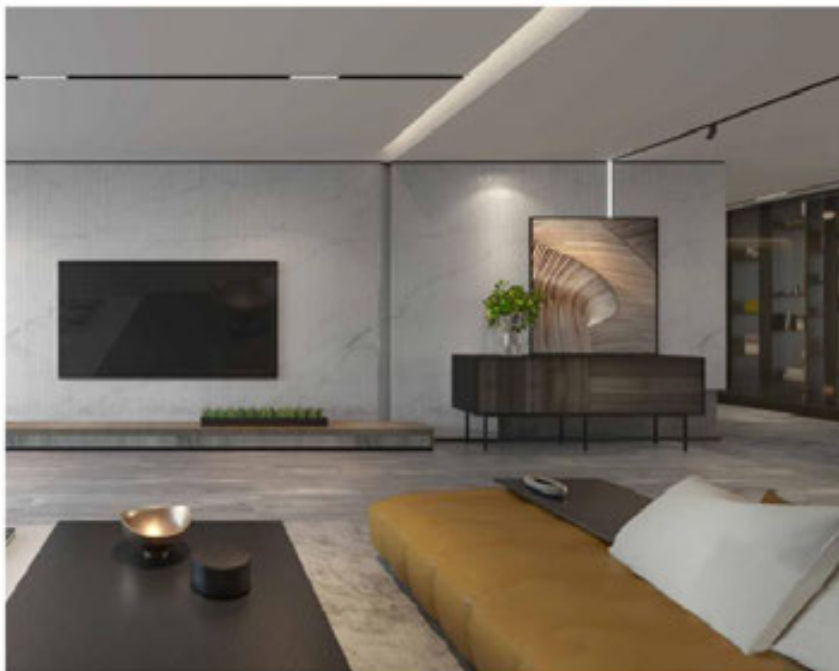
Luminous flux 129.0 lm

Illumination Distance Relationship



Light intensity distribution curve (unit: cd)

CO/C180 : —
 C90/C270 : —





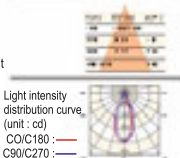
Optical parameters

Luminous flux angle 100°

Luminous flux 105.2 lm



Product Name : Type 14 Professional Magnetic Combined Lighting Grille Linear Light
 Product model : CTR-GSD1430/L151/5W
 Product size : L151*W14*H30mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 5W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 30°



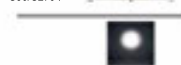
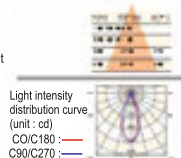
Optical parameters

Luminous flux angle 100°

Luminous flux 152.0 lm



Product Name : Type 14 Professional Magnetic Combined Lighting Grille Linear Light
 Product model : CTR-GSD1430/295/10W
 Product size : L295*W14*H30mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 10W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 30°



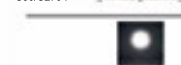
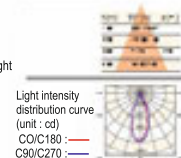
Optical parameters

Luminous flux angle 100°

Luminous flux 236.2 lm



Product Name : Type 14 Professional Magnetic Combined Lighting Grille Linear Light
 Product model : CTR-GSD1430/L512/17W
 Product size : L512*W14*H30mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Voltage : DC24V
 Power : 17W/32W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 30°



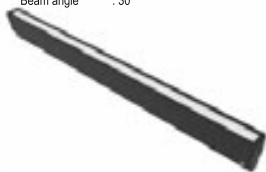
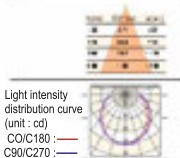
Optical parameters

Luminous flux angle 24°

Luminous flux 398.1 lm



Product Name : Type 14 Professional Magnetic Combined Lighting Flat Luminous Linear Light
 Product model : CTR-PMD1430/L151/5W
 Product size : L151*W14*H30mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 5W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 100°



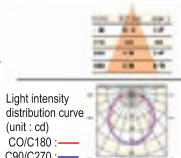
Optical parameters

Luminous flux angle 100°

Luminous flux 398.1 lm



Product Name : Type 14 Professional Magnetic Combined Lighting Flat Luminous Linear Light
 Product model : CTR-PMD1430/L295/10W
 Product size : L295*W14*H30mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 10W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 100°



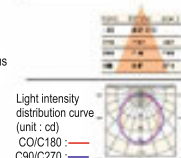
Optical parameters

Luminous flux angle 100°

Luminous flux 398.1 lm



Product Name : Type 14 Professional Magnetic Combined Lighting Flat Luminous Linear Light
 Product model : CTR-PMD1430/L512/17W
 Product size : L512*W14*H30mm
 Material : 6063 aluminum
 Appearance color : sand black/sand white
 Protection class : Ip20
 Dimming : support
 Light source : Osram
 Voltage : DC24V
 Power : 17W/32W
 Color temperature : 2700K/3000K/4000K
 CRI : ≥90
 Beam angle : 100°





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