



LED Track Lights Datasheet

Aimable commercial track heads from 10W to 40W, with CREE and Osram chips, CRI up to 90 and beam angles from 15 to 60 degrees.

Founded	2010
Fixtures Per Month	780000
Factory Area	5000 m ²
Workers	120
Certification	ISO 9001:2015, CE, RoHS, CCC, CQC
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All figures in this document are the published specifications for the models listed. Ask for the IES file or a Dialux calculation before finalising a layout.

2 Wire 30W LED Track Light



The CH-GD8813 is a 30W two-wire LED track light designed for commercial interiors where a single circuit drives multiple lighting zones. It operates on 220-240VAC, delivers 3600 lumens at 80lm/w, and uses a CREE LED chip with CRI above 90, ensuring accurate colour rendering for retail and hospitality environments. The head rotates 355 degrees horizontally and tilts 90 degrees vertically, with beam angles selectable at order as 15, 24, 36, 45 or 60 degrees. Triac dimming is optional and must be declared at order. Th

Specification

Model	CH-GD8813
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	30W
Driver	Lifud flicker free, DC30-40V 750mA output
LED Chip	CREE
CRI	>90
System Lumen	3600lms
Efficiency of Fixture	80lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15°, 24°, 36°, 45°, 60°
Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Triac optional
Adjustment	355° rotatable, 90° vertical
Heatsink Size	Ø80 x 178mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

20W LED Track Light Built-In Driver



The CH-GD8812 is a 20W LED track light with a built-in Lifud flicker-free driver, designed for retail and commercial interiors where consistent lumen output and colour accuracy are required. It operates on 220-240VAC, delivers 1800 lumens at 90lm/w, and uses a CREE LED chip with CRI above 90, ensuring accurate colour rendering for merchandise and interior surfaces. The head rotates 355 degrees horizontally and tilts 90 degrees vertically, allowing re-aiming after installation. The beam angle is selected at order fr

Specification

Model	CH-GD8812
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	20W
Driver	Lifud flicker free, DC30-40V 500mA output
LED Chip	CREE
CRI	>90
System Lumen	1800lms
Efficiency of Fixture	90lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15°, 24°, 36°, 45°, 60°
Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Triac or DALI optional
Adjustment	355° rotatable, 90° vertical
Heatsink Size	Ø72x178mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

4 Wire 40W LED Track Light



The CH-GD8814 is a 40W four-wire LED track light designed for commercial interiors where multiple lighting scenes are controlled from a single rail. It operates on 220-240VAC, delivers 3600 lumens at 90lm/w, and uses a CREE LED chip with CRI above 90, ensuring accurate colour rendering for retail and hospitality environments. The head rotates 355 degrees horizontally and tilts 90 degrees vertically, allowing re-aiming after installation. Beam angle is selected at order from 15, 24, 36, 45 or 60 degrees. Triac and D

Specification

Model	CH-GD8814
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	40W
Power Factor	>0.95
Driver	Lifud flicker free, DC30-40V 950mA output
LED Chip	CREE
CRI	>90
System Lumen	3600lms
Efficiency of Fixture	90lm/w

Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15°, 24°, 36°, 45°, 60°
Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Triac or DALI optional
Adjustment	355° rotatable, 90° vertical

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

4 Wire 10W LED Track Light



The CH-GD8811 is a 10W four-wire LED track light designed for commercial interiors where multiple lighting scenes are controlled from a single rail. It operates on 220-240VAC, delivers 900 lumens at 90lm/w, and uses a CREE LED chip with CRI above 90, ensuring accurate colour rendering for retail and hospitality applications. The head rotates 355 degrees horizontally and tilts 90 degrees vertically, allowing re-aiming after installation. The beam angle is selected at order from 15, 24, or 36 degrees. The driver is L

Specification

Model	CH-GD8811
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	10W
Power Factor	>0.5
Driver	Lifud flicker free, DC30-40V 250mA output
LED Chip	CREE
CRI	>90
System Lumen	900lms
Efficiency of Fixture	90lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15°, 24°, 36°
Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Optional (Triac or DALI)
Adjustment	355° rotatable, 90° vertical

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

30W Zoomable LED Track Light



The CH-GD16P30 is a 30W zoomable LED track light designed for commercial interiors where beam angle flexibility and consistent colour rendering are required. It operates on 220-240VAC, delivers 2400 lumens at 80lm/w, and uses a CREE LED chip with CRI above 90, ensuring accurate colour reproduction on retail displays and architectural surfaces. The beam angle is manually adjustable from 15 to 60 degrees, allowing precise control over accent and wash lighting. The head rotates 355 degrees horizontally and tilts 90 de

Specification

Model	CH-GD16P30
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	30W
Driver	Lifud flicker free, DC30-40V 750mA output
LED Chip	CREE
CRI	>90
System Lumen	2400lms
Efficiency of Fixture	80lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15° – 60°
Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Triac or DALI optional
Adjustment	355° rotatable, 90° vertical
Dimensions	Ø80x178mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

40W Zoomable LED Track Light



The CH-GD16P40 is a 40W zoomable LED track light designed for commercial interiors where adjustable beam angles and consistent colour rendering are required. It operates on 220-240VAC, delivers 3200 lumens at 80lm/w, and uses a CREE LED chip with CRI above 90, ensuring accurate colour reproduction on retail displays and architectural surfaces. The head rotates 355 degrees horizontally and tilts 90 degrees vertically, allowing re-aiming after installation. The beam angle is adjustable from 15 to 60 degrees and is se

Specification

Model	CH-GD16P40
Input Voltage	220-240VAC

Frequency	50Hz / 60Hz
System Power	40W
Power Factor	>0.9
Driver	Lifud flicker free, DC30-40V 950mA output
LED Chip	CREE
CRI	>90
System Lumen	3200lms
Efficiency of Fixture	80lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15° – 60°
Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Triac or DALI optional
Adjustment	355° rotatable, 90° vertical
Heatsink Size	Ø94x190mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

20W Zoomable LED Track Light



The CH-GD16P20 is a 20W zoomable LED track light designed for retail and hospitality interiors where adjustable beam control is needed across multiple display zones. It operates on 220-240VAC, delivers 1600 lumens at 80lm/w, and uses a CREE LED chip with CRI above 90 to maintain accurate colour rendering. The beam angle is continuously adjustable from 15 to 60 degrees, allowing precise accent or wash lighting without changing fixtures. The head rotates 355 degrees horizontally and tilts 90 degrees vertically, and t

Specification

Model	CH-GD16P20
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	20W
Driver	Lifud flicker free, DC30-40V 500mA output
LED Chip	CREE
CRI	>90
System Lumen	1600lms
Efficiency of Fixture	80lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 6000K
Beam Angle	15° – 60°

Housing Material	Extrusion aluminium
Adapter	2 / 3 / 4 wires
Dimming	Optional Triac or DALI
Adjustment	355° rotatable, 90° vertical
Heatsink Size	Ø 72x172mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

30W 3900lm LED Track Light



The GD885H is a 30W LED track light with built-in driver, designed for commercial interiors requiring high lumen output and consistent colour rendering. It operates on 220-240VAC, delivers 3900 lumens at 130lm/w efficiency with CRI above 90, and uses a Bridgelux LED chip. The beam angle is selectable at order as 15, 30, 45 or 60 degrees. It is compatible with European standard track systems and supports optional dimming. The die-cast aluminium housing provides stable thermal performance and mechanical strength. The

Specification

Model	GD885H
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	30W
Power Factor	>0.95
Driver Brand	Lifud, Osram, Philips
Output	DC30-40V 750mA
LED Chip Brand	Bridgelux
Efficiency of Fixture	130lm/w @ Ra90
CRI	>90
System Lumen	3900lms
Colour Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6000K
Beam Angle	15°, 30°, 45°, 60°
Housing Material	Die-cast aluminium
Adapter	3-phase 4-wires
Dimming	Optional, declared at order
Function	Dimmable optional
Dimension	Ø94x190mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system

10W Zoomable LED Track Light



The CH-GD16P10 is a 10W zoomable LED track light with a built-in driver, made for Nordic track systems where the beam has to be set on site rather than at the order. It runs on 220-240VAC at 80lm/w with CRI above 90, using CREE or Bridgelux chips, and the beam angle is adjustable from 15 to 60 degrees. Colour temperature is available from 2700K to 6000K, CCT-adjustable and dimmable versions are optional, and the housing is diecast aluminium with a 3 phase 4 wire adapter.

Specification

Model	CH-GD16P10
Input Voltage	220-240VAC
Frequency	50Hz / 60Hz
System Power	10W
Power Factor	>0.5
Driver	Lifud or Eaglerise, integrated, DC30-40V 150mA output
LED Chip	CREE or Bridgelux
CRI	>90
Efficiency of Fixture	80lm/w
Colour Temperature	2700K, 3000K, 3500K, 4000K, 5000K, 6000K
Beam Angle	15° – 60° adjustable
Housing Material	Die-cast aluminium
Adapter	3-phase 4-wires
Dimming	Optional, declared at order
Heatsink Dimension	Ø50x130mm

Certification: CE, RoHS, CCC, CQC, ISO 9001:2015 quality system