

Product's Features

- Product material: aluminum lamp body, overall radiator design.
- Lamp color: black, white.
- Lifud Power, Cree Chip or Bridgelux Chip.
- Lens structure: High efficiency reflector and lens connection design.

Applications

- Office, shopping malls, schools, factories and so on

Technical parameters

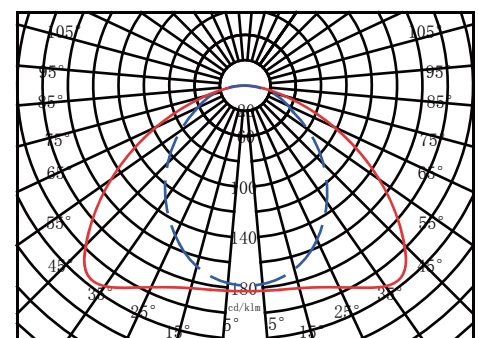
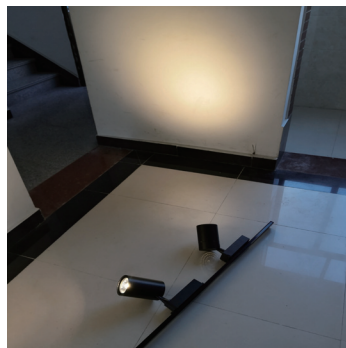
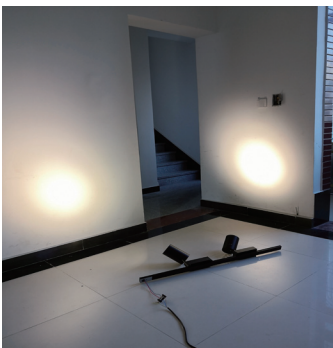
- type of light source : COB
- Lamp power : 10-30W
- Electrical Type: Switching Power Supply
- Working power supply : 220-230V , 50Hz
- Color temperature : 2700-3000K, 3500-4000K,6000-6500K
- Insulation Grade : Class 1
- Safety Standards : IEC598
- Color rendering index: Ra ≥ 80
- Lumen value: 70-100LM / W
- Life expectancy: 5 years
- Luminous angle:15° , 25° , 36°



Order Guide :

GHTH	013		90	AL		HL	RM		
Model			Dimension		Power Supply		installation		Choose to match
GHTH			90 Φ90 L130		SP Switch Power Supply DALI DALI Dimmable Driver Triac Triac Dimmable Driver 1-10V 1-10V Dimmable Driver <small>Please refer to the power supply technical information</small>		RM Rail mounting		OP power cable ED Emergency devices <small>(The emergency device is installed outside the lamp body) Duration time:≥180min Battery:Li-ion: 6600mAh Emergency power:16W Charing time:≥24HR Working temperature: -10℃~+50℃ Size:260*76*70mm</small>
	Number	Power Qty		Design		reflector			
	013	010 10W 015 15W 020 20W 030 30W		AL Aluminum		HL High efficiency reflector and lens connection design.			
							Voltage		
							220 220-230V		

Remark:compliance with the requirement of the buyer



Model	Number	Power (W)	Diameter (mm)	Length(mm)
GHTH	013	10	90	130
GHTH	013	15	90	130
GHTH	013	20	90	130
GHTH	013	30	90	130

0-10V dimmable:

0-10V 10W dimmable

Dimming Interface:0-10V (1-10V/10VPWM/RX)
 Input Voltage:100-240Vac
 Power Factor: PF>0.95/115Vac , PF>0.8/230Vac,
 Efficiency:75%
 Fluctuation Level:No video flicker
 Output Voltage:2-12Vdc
 Output Current:350-700mA
 Output Power:0.7W~8.4W
 Dimming Range:0~100%, 0.01% dimming depth.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
0.7-4.2W	2-12V	350mA
0.8-4.8W	2-12V	400mA
0.9-5.4W	2-12V	450mA
1-6W	2-12V	500mA
1.1-6.6W	2-12V	550mA
1.2-7.2W	2-12V	600mA
1.3-7.8W	2-12V	650mA
1.4-8.4W	2-12V	700mA

0-10V 15W dimmable

Dimming Interface:0-10V (1-10V/PWM/RX), Push DIM
 Input Voltage:220-240Vac ±10%
 Power Factor: PF>0.90/230Vac, at full load
 Efficiency:83%
 Fluctuation Level:Almost flicker-free
 Output Voltage:10-54Vdc
 Output Current:100-700mA
 Output Power:1W~15W
 Dimming Range:0~100%, LED start at 0.01% possible.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
1W-5.4W	10-54V	100mA
1.8W-9.72W	10-54V	180mA
3W-15W	10-50V	300mA
3.5W-15.05W	10-43V	350mA
4.5W-15.3W	10-34V	450mA
5W-15W	10-30V	500mA
6W-15W	10-25V	600mA
7W-15.4W	10-22V	700mA

0-10V 25W dimmable

Dimming Interface:0-10V (1-10V/PWM/RX), Push DIM
 Input Voltage:220-240Vac ±10%
 Power Factor: PF>0.93/230Vac, at full load
 Efficiency:84%
 Fluctuation Level:Almost flicker-free
 Output Voltage:10-54Vdc
 Output Current:150-900mA
 Output Power:1.5~25W
 Dimming Range:0~100%, LED start at 0.01% possible.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
1.5W-8.1W	10-54V	150mA
2.5W-13.5W	10-54V	250mA
3W-16.2W	10-54V	300mA
3.5W-18.9W	10-54V	350mA
5W-25W	10-50V	500mA
6W-25.2W	10-42V	600mA
7W-25.2W	10-36V	700mA
6W-15W	10-25V	900mA

DALI dimmable:

DALI 10W dimmable

Dimming Interface:DALI
 Input Voltage:100-240Vac
 Power Factor: PF>0.95/115Vac , PF>0.80/230Vac
 Efficiency: 75%
 Fluctuation Level:No video flicker
 Output Voltage:2-12Vdc
 Output Current:350-700mA
 Output Power:0.7W~8.4W
 Dimming Range:0~100%, 0.01% dimming depth.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
0.7-4.2W	2-12V	350mA
0.8-4.8W	2-12V	400mA
0.9-5.4W	2-12V	450mA
1-6W	2-12V	500mA
1.1-6.6W	2-12V	550mA
1.2-7.2W	2-12V	600mA
1.3-7.8W	2-12V	650mA
1.4-8.4W	2-12V	700mA

DALI 15W dimmable

Dimming Interface:DALI, Push DIM
 Input Voltage:220-240Vac ±10%
 Power Factor: PF>0.90/230Vac, at full load
 Efficiency:83%
 Fluctuation Level:Almost flicker-free
 Output Voltage:10-54Vdc
 Output Current:100-700mA
 Output Power:1~15W
 Dimming Range:0~100%, LED start at 0.01% possible.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
1W-5.4W	10-54V	100mA
1.8W-9.72W	10-54V	180mA
3W-15W	10-50V	300mA
3.5W-15.05W	10-43V	350mA
4.5W-15.3W	10-34V	450mA
5W-15W	10-30V	500mA
6W-15W	10-25V	600mA
7W-15.4W	10-22V	700mA

DALI 25W dimmable

Dimming Interface:DALI, Push DIM
 Input Voltage:220-240Vac ±10%
 Power Factor: PF>0.93/230Vac, at full load
 Efficiency:84%
 Fluctuation Level:Almost flicker-free
 Output Voltage:10-54Vdc
 Output Current:150-900mA
 Output Power:1.5~25W
 Dimming Range:0~100%, LED start at 0.01% possible.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
1.5W-8.1W	10-54V	150mA
2.5W-13.5W	10-54V	250mA
3W-16.2W	10-54V	300mA
3.5W-18.9W	10-54V	350mA
5W-25W	10-50V	500mA
6W-25.2W	10-42V	600mA
7W-25.2W	10-36V	700mA
9W-25.2W	10-28V	900mA

Model	Number	Power (W)	Dimming Interface
GHTH	013	10	0-10V dimmable
GHTH	013	15	0-10V dimmable
GHTH	013	25	0-10V dimmable
GHTH	013	10	DALI dimmable
GHTH	013	15	DALI dimmable
GHTH	013	25	DALI dimmable

Triac Dimmable Driver:

Triac 10W Dimmable

Dimming Interface:Triac leading edge/ELV trailing edge
 Input Voltage:220-240Vac
 Power Factor: PF>0.9/230Vac (Foll load)
 Efficiency(typ.):>70%@700mA
 Strobe Level:No visible flicker/High frequency exemption level
 Output Voltage:2-12Vdc
 Output Current:350-700mA
 Output Power:0.7W~8.4W
 Dimming Range:0~100%, down to 0.01%

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
0.7-4.2W	2-12V	350mA
0.8-4.8W	2-12V	400mA
0.9-5.4W	2-12V	450mA
1-6W	2-12V	500mA
1.1-6.6W	2-12V	550mA
1.2-7.2W	2-12V	600mA
1.3-7.8W	2-12V	650mA
1.4-8.4W	2-12V	700mA

Triac 15W Dimmable

Dimming Interface:Triac leading edge/ELV trailing edge
 Input Voltage:220-240Vac
 Power Factor: PF>0.9/230Vac (Foll load)
 Efficiency:80%
 Strobe Level:No visible flicker/High frequency exemption level
 Output Voltage:9-42Vdc
 Output Current:350-700mA
 Output Power:3.1W~15W
 Dimming Range:0~100%, down to 0.01%.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
3.15-14.7W	9-42V	350mA
3.6-15W	9-37.5V	400mA
4.05-14.85W	9-33V	450mA
4.5-15W	9-30V	500mA
4.95-14.85W	9-27V	550mA
5.4-15W	9-25V	600mA
5.85-14.95W	9-23V	650mA
6.3-15.05W	9-21.5V	700mA

Triac 25W Dimmable

Dimming Interface:Triac/ELV, Push
 Input Voltage:220-240Vac
 Power Factor: PF>0.9/230Vac (full load)
 Efficiency:83%
 Fluctuation Level:High frequency exemption level
 Output Voltage:10-42Vdc
 Output Current:200-900mA
 Output Power:2~25W
 Dimming Range:0~100%, dimming depth: Max. 0.01%.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
2W-8.4W	10-42V	200mA
3W-12.6W	10-42V	300mA
4W-16.8W	10-42V	400mA
5W-21W	10-42V	500mA
6W-25.2W	10-42V	600mA
7W-25.2W	10-36V	700mA
8W-24.8W	10-31V	800mA
9W-25.2W	10-28V	900mA

Triac Dimmable Driver:

Triac 30W Dimmable

Dimming Interface:Triac/ELV, Push
 Input Voltage:200-240Vac
 Power Factor: PF>0.9/230Vac (full load)
 Efficiency: 85%
 Fluctuation Level:High frequency exemption level
 Output Voltage:10-42Vdc
 Output Current:300-900mA
 Output Power:3W~30W
 Dimming Range:0~100%, dimming depth: Max. 0.01%.

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
3W-12.6W	10-42V	300mA
3.5W-14.7W	10-42V	350mA
4.5W-18.9W	10-42V	450mA
5W-21W	10-42V	500mA
7W-29.4W	10-42V	700mA
8.5W-29.75W	10-35V	750mA
8.5W-29.75W	10-35V	850mA
9W-29.7W	10-33V	900mA

Triac 36W Dimmable

Dimming Interface:Triac/ELV, Push
 Input Voltage:220-240Vac
 Power Factor: PF>0.9/230Vac (full load)
 Efficiency:80%
 Fluctuation Level:Exemption assessment level.
 Output Voltage:9-54Vdc
 Output Current:450-1200mA
 Output Power:4.05W~36W
 Dimming Range:0~100%, dimming depth: Max. 0.01%

Sec. output:

Pout(Max.)	Vout(DC)	Constant(DC)
4.05-24.3W	9-54V	450mA
4.5-27W	9-54V	500mA
4.95-29.7W	9-54V	550mA
5.4-32.4W	9-54V	600mA
5.85-35.1W	9-54V	650mA
6.3-36.05W	9-51.5V	700mA
6.75-36W	9-48V	750mA
7.2-36W	9-45V	800mA
7.65-35.7W	9-42V	850mA
8.1-36W	9-40V	900mA
8.55-36.1W	9-38V	950mA
9-36W	9-36V	1000mA
9.45-35.7W	9-34V	1050mA
9.9-36.3W	9-33V	1100mA
10.35-35.65W	9-31V	1150mA
10.8-36W	9-30V	1200mA

Model	Number	Power (W)	Dimming Interface
GHTH	013	10	Triac Dimmable
GHTH	013	15	Triac Dimmable
GHTH	013	20	Triac Dimmable
GHTH	013	25	Triac Dimmable
GHTH	013	30	Triac Dimmable
GHTH	013	36	Triac Dimmable