

LGEH/LGH



Signal light and large sound volume with 102dB(at 1m) enable to transmit information surely even with large ambient noise.

- High power sound volume : Max.102dB(at 1m) (adjustable)
- High quality clear sound from voice synthesizer is provided by the high bit rate (64kbit/s) : ADPCM.
- Lenses are made of heat and shock resistant polycarbonate resin.
- Available colors are Red, Amber, Green, Blue and Clear.
- NPN open collector transistor compatible.(24V AC/DC)
- Both Continuous and flashing lights are available.
- LED unit and Incandescent unit can be combined in a signal tower.(24V type)
- The large prism cut lens(ϕ 100mm \times 60mm high) provides enhanced illumination downward, when signal tower is mounted on tall machines.
- Newly developed triple-reflection system ensures high visibility with LED unit of 32 LEDs and low power consumption.
- Bayonet base incandescent bulbs with LG type stay firm against vibration.





ADPCM64 kbit/s -FV type

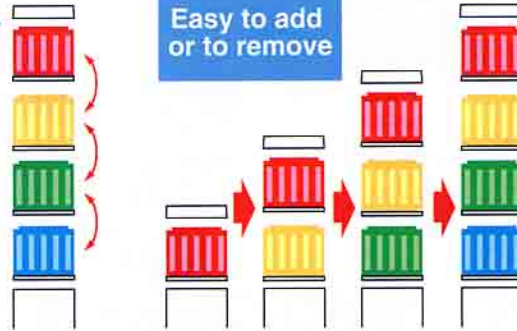
Easy to change LED color modules within a signal tower.

L.E.D. modules are interchangeable

- Changing the color sequence does not require re-wiring.
- Note: With the same LED color modules within a signal tower, they light up simultaneously.

The wiring remains same.

The color of the L.E.D. module will always correspond to the color of the wire.



Easy to add or to remove



- LGH type can have up to five modules.
- LGEH type: up to four colors.
- L.E.D. modules are easy to add or remove even after installation.
- Note: Add-on kit is required to add another LED module.

VOICE LGEH-FV

Voice Synthesizer

Comes with 4sec. X4 messages. Model LGH-FV, LGEH-FV requires a professionally recorded message.

MELODY LGEH-FM

Melody

Comes with 8 melodies.

Ch	TYPE OF SOUND			
	A type	G type	H type	P type
1	For Elise	Runner	Happy birthday	She wore a yellow ribbon
2	Blacksmith in the village	I want to take care of you	Mickey mouse club march	My darling clementine
3	Lorelei	Oribia wo kikinagara	It's a small world	The yellow rose of Texas
4	Cherry blossom	September	Forest bear	Yankee doodle
5	Romance de amour	Saturday lovers	Cha cha cha toy	When the saints go marchin' in
6	Annie Laurie	Autumn	Who needs a kid like this?	Londonderry air
7	Green sleeves	Surf heaven, Ski heaven	Lullaby (Schubert)	Havah nagilah
8	Cuckoo	Color/White blend	Rudolph the red-nosed reindeer	JAMAICA FAREWELL

CHIME LGEH-FL

Chime

Comes with 6 melodies and 2 chimes.

Ch	TYPE OF SOUND		
	S type	F type	Q type
1	Amaryllis	For Elise	Merry had a little Lamb
2	Symphony No.40	Maiden's Prayer	The camptown Races
3	Silent Lakeside	Minuet	Cuckoo
4	Mountain musician	Annie Laurie	Blacksmith in the village
5	Romance De Amour	London bridge is falling down	On the Avignon bridge
6	Petrouchka	Holdiridia	Ob-La-Di, Ob-La-Da
7	Chime		
8	Call sign		

ALARM LGH-FK LGEH-FK

Alarm

Comes with 8 alarm sounds.

Ch	A type			
	1	2	3	4
Ch	1	Beep (slow intermittent horn)	5	Rapid Hi-Lo
	2	Stutter (rapid intermittent horn)	6	Melody Chime
	3	Bell (clear high-pitched bell)	7	Synthesized Piano
	4	Yelp (rapid siren)	8	Synthesized Bell

How to order

LGEH-402FV-RAGB

Light
LGEH:LED
LGH:Incandescent bulb

Stack
LGEH:1~4
LGH:1~5

Rated Voltage
02:AC/DC24V
10:AC100V
20:AC220V

Color
R:Red
A:Amber
G:Green
B:Blue
C:Clear
Top to bottom

Type
FV:Voice Synthesizer
FM:Melody
FK:Alarm
FL:Chime & Melody

LGEH/LGH type

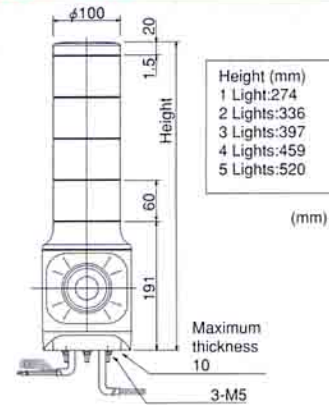
Number of stacks	Model	Rated Voltage	Voltage Range	Power Consumption		V type:()		Mass	
				LGEH	LGH	LGEH	LGH	LGEH	LGH
1Light	LGEH-102F/LGH-102F	AC/DC 24V	AC/DC 22V~26V	10(14)W	28(32)W	1.8kg	1.7kg		
	LGEH-110F/LGH-110F	AC 100V	AC 90V~110V	12W	29W	2.0kg	1.8kg		
	LGEH-120F/LGH-120F	AC 220V	AC 200V~240V						
2Lights	LGEH-202F/LGH-202F	AC/DC 24V	AC/DC 22V~26V	12(16)W	48(52)W	2.0kg	1.8kg		
	LGEH-210F/LGH-210F	AC 100V	AC 90V~110V	15W	49W	2.2kg	1.9kg		
	LGEH-220F/LGH-220F	AC 220V	AC 200V~240V						
3Lights	LGEH-302F/LGH-302F	AC/DC 24V	AC/DC 22V~26V	14(18)W	68(72)W	2.2kg	2.0kg		
	LGEH-310F/LGH-310F	AC 100V	AC 90V~110V	18W	69W	2.4kg	2.0kg		
	LGEH-320F/LGH-320F	AC 220V	AC 200V~240V						
4Lights	LGEH-402F/LGH-402F	AC/DC 24V	AC/DC 22V~26V	16(20)W	88(92)W	2.4kg	2.1kg		
	LGEH-410F/LGH-410F	AC 100V	AC 90V~110V	21W	89W	2.6kg	2.1kg		
	LGEH-420F/LGH-420F	AC 220V	AC 200V~240V						
5Lights	LGH-502F	AC/DC 24V	AC/DC 22V~26V	—	108(112)W	—	2.1kg		
	LGH-510F	AC 100V	AC 90V~110V	—	109W	—	2.2kg		
	LGH-520F	AC 220V	AC 200V~240V						

LGH type: Bulb...T20 BA15D

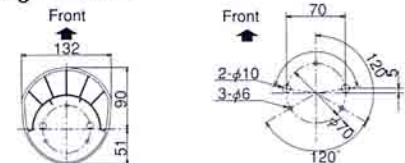
FB type approx. 60 flashes per minute.

	Operating Temperature Range	Volume	AUX Output	BUSY Output (Max load.)	Channel	Message Time
FV	-10°C~+55°C (Humidity 85% or less)	Max. 102dB (at 1m)	-20dBv 600Ω	DC24V 500mA	4	Max. 16 sec.
FM/FK/FL	-20°C~+55°C (Humidity 85% or less)				8	

Dimensions



Mounting Dimension



Note: See page 87 for wiring diagram