

ST-PA-LR6

CE	RoHS 10	IP66	Indoor/Outdoor Use	Upright/Sideways Mounting
Zone 1 & 2 Zone 21 & 22	Ambient Temperature -10°C~+50°C	Red, Amber, Green, Blue, White	Continuous ON/Flashing	60 Flashes per Minute



ST-PA-LR6-02

ST-PA-LR6-M2

Model Number Configuration

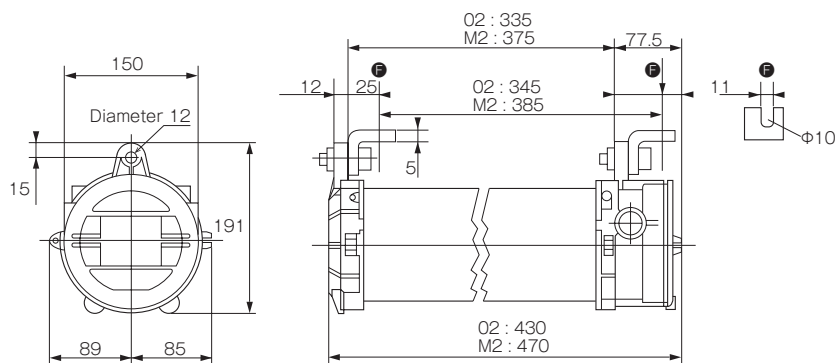
ST-PA-LR6-02

① Rated Voltage
02 = 24V DC
M2 = 100-240V AC

①

Dimensions (mm)

ST-PA-LR6



Product List

Model Number	Rated Voltage	Luminous Color	Mass
ST-PA-LR6-02	24V DC	Red, Amber, Green, Blue, White	5.7kg
ST-PA-LR6-M2	100 - 240V AC	Red, Amber, Green, Blue, White	6.7kg

Explosion Protection Standards

- Ex** II 2G Ex db IIC T6/T5 Gb
- Ex** II 2G Ex tb IIIC T120°C Db

Explosion Proof Signal Tower with Horn

Explosion Proof MP3 Voice Annunciator Signal Tower with Horn

LKEH-FE-EX, LKEH-FV-EX

CE	RoHS 10	IP54	Indoor/Outdoor Use	Upright Mounting	Zone 2 Zone 22
Ambient Temperature -10°C~+50°C	Red, Amber, Green, Blue, White	Continuous ON/Flashing	60 Flashes per Minute	105dB	32 Alarm Sounds (LKEH-FE)

LKEH
Wall Mount Type



LKEH-FE-EX,
LKEH-FV-EX

LAN / USB /
PoE / Wireless

Signal Tower

Beacons

Cube Tower

Audible Alarms
and MP3 Voice
Annunciators

Hybrid Signaling
Devices

LED Illumination

Explosion Proof

Optional Parts

Model Number Configuration

LKEH-302FVF-RYG-EX

① ② ③ ④

- | | | |
|--|--|--|
| ① Number of Tiers
1 - 4 | ③ Mounting Type
F = Flush Mount
W = Wall Mount | ④ LED Unit Color
R = Red B = Blue
Y = Amber C = Clear / White
G = Green (Top to bottom) |
| ② Sound Type
FV = MP3 Voice Annunciator
FE = 32 Pre-recorded Alarms* | | |

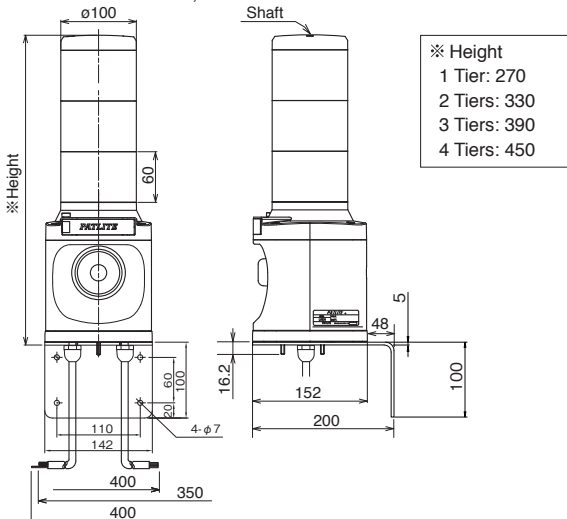
* See sound charts on page 000 for sound details.

Explosion Protection Standards

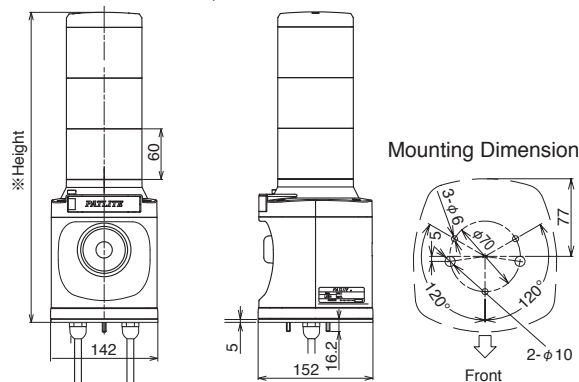
CE II 3GD Ex nA IIC T4 Gc, Ex tc IIIB T85°C Dc

Dimensions (mm)

Model LKEH-FEW-EX, LKEH-FVW-EX



Model LKEH-FEF-EX, LKEH-FVF-EX



Product List

Model Number	Rated Voltage	Sound Type	Voice Recording	No. of Playback Messages	Mass
LKEH-FEF-EX	24V DC	Type E alarms	Prerecorded	Bit input: 8 Binary input: 32	2.8Kg*
LKEH-FEW-EX		Type E alarms	Prerecorded	Bit input: 8 Binary input: 32	3.2Kg*
LKEH-FVF-EX		MPEG1-Audio layer III, 64kbit/s	63 sec.	Bit input: 5 Binary input: 31	2.8Kg*
LKEH-FVW-EX		MPEG1-Audio layer III, 64kbit/s	63 sec.	Bit input: 5 Binary input: 31	3.2Kg*

* The mass indicated is based on a 3-tier LKEH model. The mass will change according to the number of tiers. Add or subtract 0.2kg per tier.

Explosion Proof Audible Alarm Horn

Explosion Proof MP3 Voice Annunciator Horn

EHS-EX, EHV-EX

CE	RoHS 10	IP54	Indoor/ Outdoor Use	Upright/ Sideways/ Inverted Mounting
Zone 2 Zone 22	Ambient Temperature -20°C~+50°C	110dB	32 Alarm Sounds (EHS)	63 Alarm Sounds (EHV)



EHS-EX
EHV-EX

Model Number Configuration

EHV-M1HG-EX

①

②

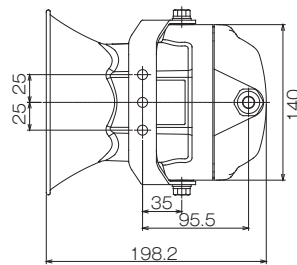
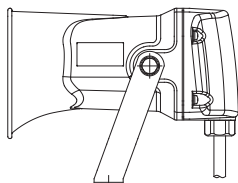
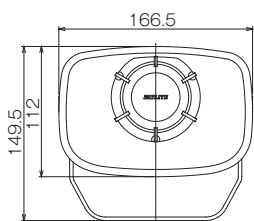
③

④

- ① Model
EHS = Audible Alarm Horn
EHV = MP3 Voice Annunciator
- ② Rated Voltage
M1 = 12-24V DC
- ③ Wiring Type
H = Cable
T = Terminal
- ④ Alarm Type
G = Type G (EHV) *
E = Type E (EHS) *

* Please refer to the Sound Selection Chart on page 84 for alarm details.

Dimensions (mm)



Product List

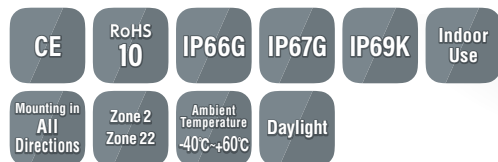
Model Number	Rated Voltage	Power Consumption	No. of Playback Messages	Wiring Type	Mass
EHS-M1HE-EX	12 - 24V DC	4W (at 24V DC)	Bit input: 8 Binary input: 32	Cable	1.25kg
EHS-M1TE-EX				Terminal	
EHV-M1HG-EX	12 - 24V DC	4W (at 24V DC)	Bit input: 8 Binary input: 63	Cable	1.25kg
EHV-M1TG-EX				Terminal	

Note1: The sound pressure level is based on measurements under controlled conditions (voice-synthesized 1 kHz sine wave played from a distance of 1 meter), therefore the surrounding environmental conditions will result in different values for the sound pressure level.
Note2: Sounds may not start simultaneously when using multiple units.

Explosion Protection Standards

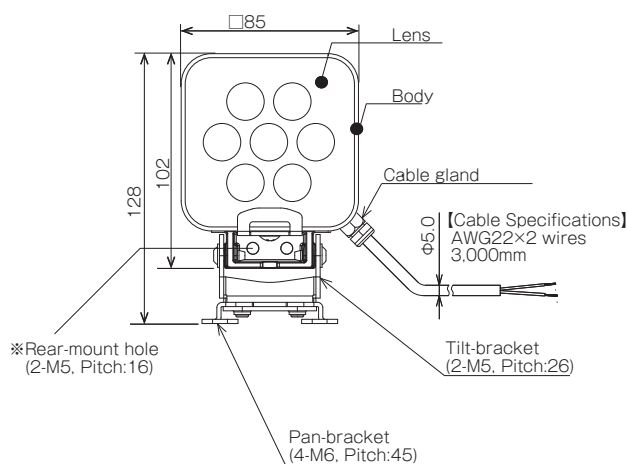
CE II 3GD Ex nA IIC T4 Gc, Ex tc IIIC T85°C Dc

CLN-A-EX



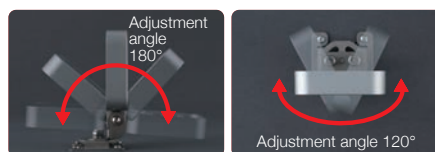
CLN-24A-CD-PT-EX

Dimensions (mm)



Flexible Angle Adjustment

■ Pan & Tilt (PT type)



Can be tilted 180° or rotated 120° to fit any application. Can be folded to 43mm for easier installation.

Product List

Model Number	Rated Voltage	Luminous Color	Mass
CLN-24A-CD-PT-EX	24V DC	Daylight	0.43kg

Explosion Protection Standards

CE Ex II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIC T135°C Dc

Explosion Proof LED Work Light

CLK-24(A)-EX



CLK3S-24AAG-CD-EX

CE

RoHS 10

IP66G

IP67G

IP69K

Indoor Use

Mounting in All Directions

Zone 2 Zone 22

Ambient Temperature -40°C~+60°C

Daylight Natural White



CLK6S-24AAG-CD-EX

Model Number Configuration

CLK2S-24AG-CD-EX

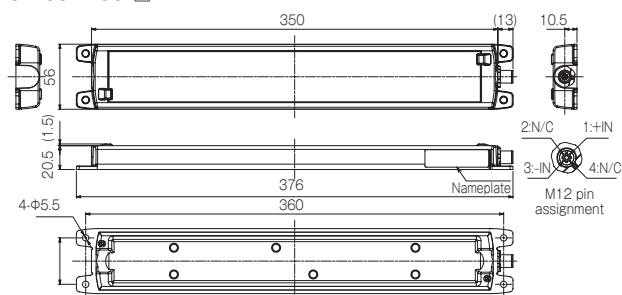
① ② ③ ④

- ① Luminous Segment Length
2 = 200mm
3 = 300mm
6 = 600mm
- ② Wiring Specifications
S = Side-exiting Cable *1
C = M12 Connector
- ③ Body Material
AAG = Aluminum & Glass
SG = Stainless Steel & Glass *2
- ④ Luminous Color
CD = Daylight
CN = Natural White

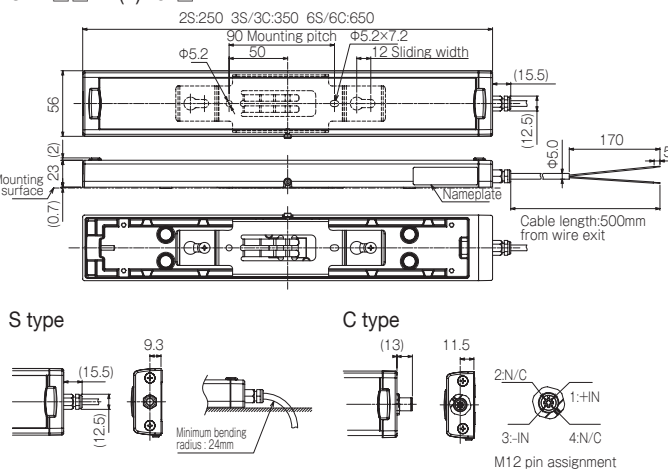
*1. AAG only. *2. 3C only

Dimensions (mm)

CLK3C-24SG-□-EX



CLK □□-24(A)AG-□-EX



Product List

Model Number	Rated Voltage	Luminous Segment Length	Luminous Color	Central Illuminance (at 1.0m)
CLK2□-24□□-CD-EX	24V DC	200mm	Daylight	820lx
CLK3□-24□□-CD/CN-EX	24V DC	300mm	Daylight Natural White	1200lx
CLK6□-24□□-CD-EX	24V DC	600mm	Daylight	2100lx

Explosion Protection Standards

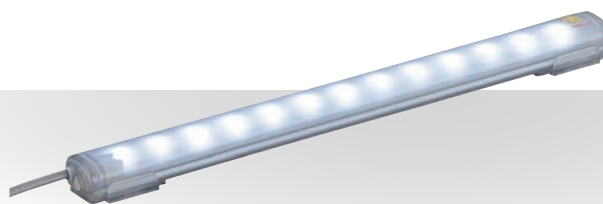
CE II 3G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T125°C Dc

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Outer mounting bracket	CLK-001
Swivel bracket	SZ-320KS (one set)

CLA-A-EX



CLA3S-24A-CD-30-EX

Model Number Configuration

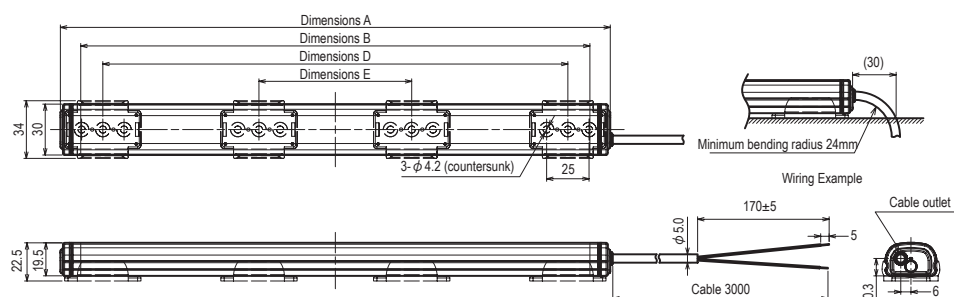
CLA1S-24A-CD-30-EX

①

②

- ① Length of Illuminated Area
 1 = 100mm 6 = 600mm
 2 = 200mm 9 = 900mm
 3 = 300mm 12 = 1200mm
- ② Luminous Color
 CD = Daylight 6800K

Dimensions (mm)



Series	Dimension A	Dimension B	Dimension D	Dimension E	Number of Brackets Included (SZ-310AR)
	Full Length	Length of Illuminated Area	Recommended Mounting Pitch		
CLA1S-	124	100	74	—	2
CLA2S-	224	200	174	—	2
CLA3S-	324	300	274	—	2
CLA6S-	624	600	574	—	2
CLA9S-	924	900	874	290	4
CLA12S-	1224	1200	1174	390	4

Product List

Model Number	Rated Voltage	Length of Illuminated Area	Luminous Color	Central Illuminance (at 0.5m)
CLA1S-24A-CD-30-EX	24V DC	100mm	Daylight	140lx
CLA2S-24A-CD-30-EX	24V DC	200mm	Daylight	270lx
CLA3S-24A-CD-30-EX	24V DC	300mm	Daylight	400lx
CLA6S-24A-CD-30-EX	24V DC	600mm	Daylight	650lx
CLA9S-24A-CD-30-EX	24V DC	900mm	Daylight	810lx
CLA12S-24A-CD-30-EX	24V DC	1200mm	Daylight	890lx

Explosion Protection Standards

CE II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIC T135°C Dc

Optional Parts

For details refer to P. 99 to P. 104

Product Description	Model Number
Rear mounting (M4 screws not included)	SZ-310AR
Rear mounting (Magnetic)	SZ-310ARM
Side mounting (M4 screws not included)	SZ-310AS
Side mounting (M4 screws not included)	SZ-310ASB (Compatible with CLB-24N series)
Bracket for CLA	SZ-310EU

Note: Take care to prevent the magnet (SZ-310ARM) from falling. Use screw-on type brackets for permanent installations.