

12~24VDC

B25 & B25 MINI

HALO-RING™ LED BEACON



FEATURES

- Complete product range: high dome (B25) and low dome (B25 MINI) with streamlined design to reduce wind resistance and improve fuel efficiency.
- Special HALO-RING™ design for premium aesthetics, integrating with modern automotive trends.
- Independent HALO-RING™ is approved for ECE R148 (formerly R91) SM1 sidemarker, and also be able to be as an auxiliary warning light or a cruise light for non-emergency use.
- Advanced performance with ECE R65 Class 2 & SAE Class 1 certification for superior visibility.
- Dual memories for versatile application.
- Fully sealed dome and base for IP6K6 & IP6K9K weatherproofing, ensuring durability in harsh environments.
- Rugged design for highest impact resistance rating IK08.
- Versatile mounting options and adjustable bracket for optimal visibility on different duty vehicles.

SPECIFICATIONS

Compliance:

Main Warning Area

- ECE R65 TA2/TB2/TR2
- ICAO (Amber)
- SAE J845 Class 1 (A, B, R, W)
- SAE J845 Class 3 (Green)
- CA13 (A, B, R)

HALO-RING™

- ECE R148 (Amber)
- ICAO (Amber)
- SAE J845 Class 2 (A, B, R, W)
- SAE J845 Class 3 (Green)

EMC

- ECE R10
- CISPR25 Class 4

IP Rating: IP6K6, IP6K9K

Operating Voltage: 12~24VDC

No. of Warning Patterns: 30

Cable & Wire:

Permanent Mount : 3-Bolt / 1-Bolt

- Wire Length: 38 cm (20AWG)
- Black - GND
- Red - Vcc Warning Mode 1
- White - Vcc Warning Mode 2
- Green - Low Power / Activ-Dim™
- Yellow- FP Sync / Setting

Power Magnetic Mount

- Straight Cord w/ Dual Button Cigar-plug
Cable Length: 450 cm (18AWG)
Button 1: Warning Mode Selection & Deactivate
Button 2: Flash Pattern Selection & Lock
- Coiled Cord w/ Dual Purpose Cigar-plug
Cable Length: 450 cm (18AWG)

Synchronization: 5 Units (Flash Pattern) / 20 Units (Activ-Dim™)

Storage Temp. : -30°C to +75°C

Working Temp. : -20°C to +65°C

COLOR OPTIONS

LED for Main Warning Area: Amber, Blue, Red

LED Color for HALO-RING™: Amber, Blue, Green, Red, White

Lens Color: Amber, Blue, Clear, Red

LED Elements	B25 Series	B25 MINI Series
Main Warning Area	16 pcs	16 pcs
HALO-RING™	32 pcs	32 pcs

FLASH PATTERN

FP#	Flash Pattern	
1	Double	☾ [R65]
2	Double [2HZ] + Steady Halo	☾
3	Triple	☾ [R65]
4	Triple [2HZ] + Steady Halo	☾
5	Quad	☾ [R65]
6	Quad [2HZ] + Steady Halo	☾
7	Single	☾ [2HZ]
8	Single [2HZ] + Steady Halo	☾
9	Steady EF**	
10	Rotator Fast	
11	Rotator Slow	
12	Rotator & Qunit	
13	Pulsing	
14	ICAO	
15	Marker Light	[ECE R148]
16	Double	☾ [SAE]
17	Double [SAE] + Steady Halo	☾
18	Single	☾ [SAE/CA13]
19	Single [SAE] + Steady Halo	☾
20	Triple	☾ [SAE]
21	Triple [SAE] + Steady Halo	☾
22	Quad	☾ [SAE]
23	Quad [SAE] + Steady Halo	☾
24	Quint	
25	Mega	
26	Giga	
27	Ultra	[SAE]
28	Single-Quad	
29	Single H/L	
30	Single-Triple-Quint	

☾ Applicable with "Soft Night Pattern".

* Actual approval will be based on the model ordered.

** For use with external flash controller.

ACCESSORIES

99-B025M01-000

(Adjustable Bracket)



BlinkCast Ready

This product can be configured ideally by using BlinkCast Programmer with desired Flash Pattern, Group (Phase), and other setting to save your installation time. See BlinkCast Programmer user manual of for detailed information.



<< Website

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CURRENT & POWER RATING

Fuse Rating: 7.5A

CURRENT	@ 12VDC		@ 24VDC	
	Max Current(A)	Avg. Current(A)	Max Current(A)	Avg. Current(A)
Amber	4.4	2.2	2.2	1.1
Blue	3.3	1.6	1.6	0.8
Red	2.4	1.2	1.2	0.6

POWER	@ 12VDC		@ 24VDC	
	Max Current(A)	Avg. Current(A)	Max Current(A)	Avg. Current(A)
Amber	52.8	26.4	52.8	26.4
Blue	39.4	19.7	39.4	19.7
Red	29.0	14.5	29.0	14.5

PART NO.

B25 Series

■ B025-1xyab-000

B25 MINI Series

■ B025-2xyab-000

replace **y** for Mounting:

- 1 = 3-Bolt Flange Type
- 2 = 3-Bolt Sleek Type
- 3 = 1-Bolt Conical Type
- 4 = 1-Bolt Flat Type
- 5 = DIN Pole
- 6 = Power Magnet* w/ Coiled Cord & Dual Purpose Cigar-plug
- 7 = Power Magnet* w/ Straight Cord & Dual Button Cigar-plug

replace **ab** for Color with Colored Lens:

- 21 = Amber HALO-RING™, Amber LED, Amber lens
- 32 = Blue HALO-RING™, Blue LED, Blue lens
- 54 = Red HALO-RING™, Red LED, Red lens

replace **ab** for Color with Clear Lens:

- 2A = Amber HALO-RING™, Amber LED, Clear lens
 - 2B = Amber HALO-RING™, Blue LED, Clear lens
 - 3A = Blue HALO-RING™, Amber LED, Clear lens
 - 3B = Blue HALO-RING™, Blue LED, Clear lens
 - 3R = Blue HALO-RING™, Red LED, Clear lens
 - 1A = White HALO-RING™, Amber LED, Clear lens
 - 4A = Green HALO-RING™, Amber LED, Clear lens **
- ** MOQ = 50pcs

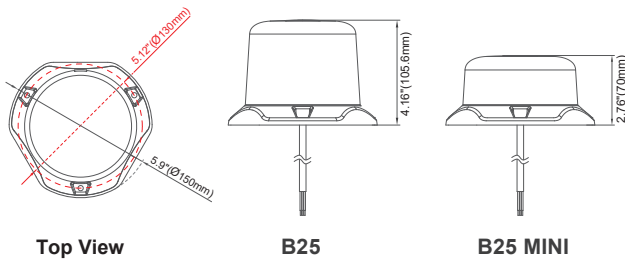
replace **x** for Model:

- 1 = SAE
- 2 = ECE R65, R10

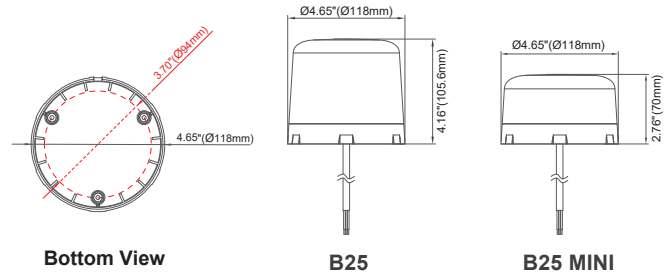
* Power Magnetic is rated to 250km/hr (Actual performance may depend on the circumstance)

DIMENSIONS

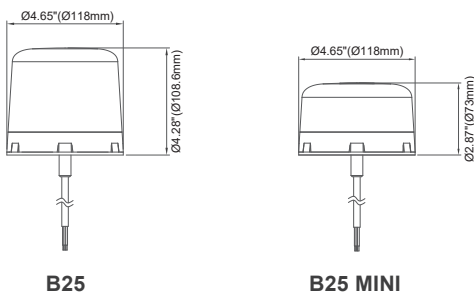
3-Bolt Mount (Flange Type, DIA.130mm)



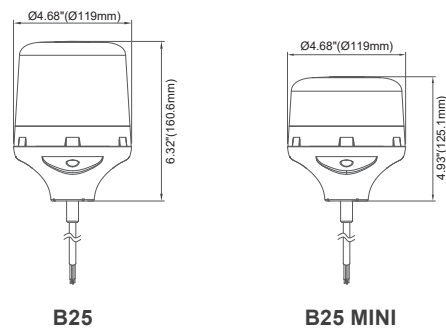
3-Bolt Mount (Sleek Type, DIA.94mm)



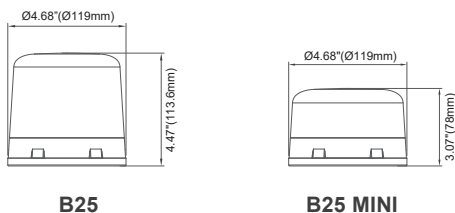
1-Bolt Mount (Flat Type)



1-Bolt Mount (Conical Type)



Power Mag. Mount (Dual Purpose Cigar-plug / Dual Button Cigar-plug)



DIN Pole Mount

