

Tower Lights and Beacons Selection Guide (1 of 2)

Family	XVB L	XVB C
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Type of Product	Beacon	Tower Light
Diameter	70mm	70mm
Features	Product for Customer Configuration	Product for Customer Configuration
Approvals	UL File E164353 CCN NKCR CSA File LR 44087 Class 3211 03	UL File E164353 CCN NKCR CSA File LR 44087 Class 3211 03
Conforming to Standards	CE Marked IEC/EN 60947-5-1 UL 508 CSA 22.2 No 14	CE Marked IEC/EN 60947-5-1 UL 508 CSA 22.2 No 14
Degree of Protection	IP65	IP65
Operating Temperature F° (C°)	-13 to 122 (-25 to 50)	-13 to 122 (-25 to 50)
Storage Temperature F° (C°)	-40 to 158 (-40 to 70)	-40 to 158 (-40 to 70)
Light Source	LED / Incandescent	LED / Incandescent
Electrical Consumption		
LED Steady	24 Vac/dc: < 30 mA 120-230 Vac: < 30 mA	24 Vac/dc: < 30 mA 120-230 Vac: < 30 mA
LED Flashing with Buzzer	24 Vac/dc: < 40 mA 120-230 Vac: < 15mA 1 Hz (1 flash per second)	24 Vac/dc: < 40 mA 120-230 Vac: < 15mA 1 Hz (1 flash per second)
Strobe (Energized)	24 Vdc: 5 Joules unit: < 430 mA; 10 J unit: < 850 mA 120 Vac: 5 Joules unit: < 130 mA; 10 J unit: < 260 mA 230 Vac: 5 Joules unit: < 105 mA; 10 J unit: < 210 mA 1 Hz (1 flash per second)	24 Vdc: 5 Joules unit: < 430 mA; 10 J unit: < 850 mA 120 Vac: 5 Joules unit: < 130 mA; 10 J unit: < 260 mA 230 Vac: 5 Joules unit: < 105 mA; 10 J unit: < 210 mA 1 Hz (1 flash per second)
Audible Sounders	12-48 Vac/dc: < 20 mA 120-230 Vac: < 50 mA 90 decibels at 1 meter	12-48 Vac/dc: < 20 mA 120-230 Vac: < 50 mA 90 decibels at 1 meter
Connection Type	Screw Clamp	Screw Clamp
Cable Size	1 x 16 AWG (1.5 mm ²) With Cable End	1 x 16 AWG (1.5 mm ²) With Cable End
Digest Location	XVB 70 mm Beacons, page 19-115	XVB 70 mm Components, page 19-116

XVB 70 mm Diameter Beacons

Table 19.357: XVB Beacons with Steady Light



Description	Light Source and Voltage	Color	Catalog Number
Complete unit, includes: 1 lens unit 1 base unit (direct or tube mounting)	Bulb (10 W max) not included 250 V max (must order bulb separately [1])	Green	XVBL33
		Red	XVBL34
		Amber	XVBL35
		Blue	XVBL36
		Clear	XVBL37
		Yellow	XVBL38

Table 19.358: XVB Beacons with Flashing Light (one flash per second)

XVBL3• XVBL4B•

Description	Light Source and Voltage	Color	Catalog Number
Complete unit, includes: 1 lens unit 1 base unit (direct or tube mounting)	Bulb (10 W max) not included 24 Vac 24–48 Vdc (must order bulb separately [1])	Green	XVBL4B3
		Red	XVBL4B4
		Amber	XVBL4B5
		Blue	XVBL4B6
		Clear	XVBL4B7
		Yellow	XVBL4B8
	Bulb (10 W max) not included 48–230 Vac (must order bulb separately [1])	Green	XVBL4M3
		Red	XVBL4M4
		Amber	XVBL4M5
		Blue	XVBL4M6
		Clear	XVBL4M7
		Yellow	XVBL4M8

Table 19.359: XVB Beacons with 10 Joule Strobe (2.75 in./70 mm diameter) [2]



XVBL6B•
5 Joule

XVBL8B•
10 Joule

Description	Light Source and Voltage	Color	Catalog Number [3]
Complete unit, includes: 1 lens unit 1 base unit (direct or tube mounting)	Strobe 24 Vac/Vdc (includes bulb)	Green	XVBL8B3
		Red	XVBL8B4
		Amber	XVBL8B5
		Blue	XVBL8B6
		Clear	XVBL8B7
		Yellow	XVBL8B8
	Strobe 120 Vac (includes bulb)	Green	XVBL8G3
		Red	XVBL8G4
		Amber	XVBL8G5
		Blue	XVBL8G6
		Clear	XVBL8G7
		Yellow	XVBL8G8

NOTE: There are no replacement lenses for strobes.

[1] For bulbs, see Table 19.365 XVB Accessories, page 19-117.

[2] **Important:** Discharge tube elements are not suitable for continuous-operation signaling due to temperature rise caused by the discharge tube.

[3] For 5 Joule units, specify XVBL6••, instead of XVBL8••.