

V-Series™ Lighthoods



COMBINATION LIGHTING

Featuring Whelen's innovative optic technology, V-Series Super-LED® lighthoods are versatile and efficient. Utilizing multiple planes of light in one lighthood, models are available in a variety of sizes for use in numerous applications. Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals.



SAE 845 Class 1,
180° Warning



White Steady-Burn
Flood/Alley



White Ground
Illumination

V23™ Series

FEATURES

- Models have 3-in-1 180° wide-angle warning, flood, and puddle light
- Black flange included
- Surface mount via 2 screws for easy installation
- Warning segment has 25 Scan-Lock™ flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lighthoods together for the warning segment of the lighthood

SPECS

Voltage: 12 VDC
 Amps: **Combination models:**
 Warning: 0.76 (peak),
 0.30 (avg.)
 Flood: 0.62 (avg.)
 Puddle: 0.12 (avg.)
 Certifications: SAE Class 1, SAE J595,
 SAE J845 Selective Coverage
 Dimensions: 4.25" (108mm) W x 2.68" (68mm) H x
 1.50" (38mm) D
 Warranty: 10-year warranty



V23RTPB



V23BTPB with
V23PEDB

Model	Optics	Lens	Housing
V23*TPB	Combination 180° Warning, Take-Down and Puddle Light	Clear	Black
V23*TPC		Clear	Chrome
V23*TPBX		Smoked	Black
V23*TPCX		Smoked	Chrome



Replace * symbol in model number with letter indicating color desired: A = Amber, B = Blue, C = White, R = Red

OPTIONS

Model	Mount	Housing
V23P20B	20° Angled Surface Mount Housing	Black
V23P20C		Chrome
V23PEDB	Pedestal Mount Kit	Black
V23PEDC		Chrome

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.



ION[®] V-Series[™]

FEATURES

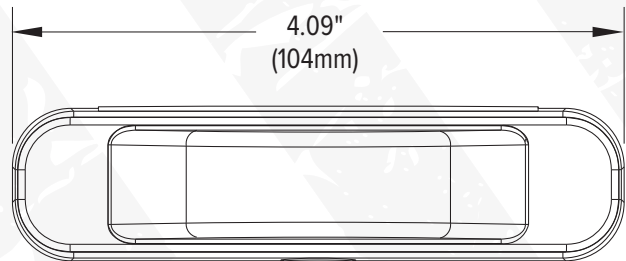
- Available in 3-in-1 combination warning, spotlight, and flood or in single-color warning-only models
- Single-color models have combination 180° and TIR[™] directional warning
- Amber, Blue, Red, or White models available
- Surface or universal mount models available
- Surface mount includes Black flange
- Universal mount includes combination permanent/pedestal, clip, edge mounts, double-sided tape, with Black housing
- Warning segment has 33 Scan-Lock[™] flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lightheads together for warning segment of the lighthead

SPECS

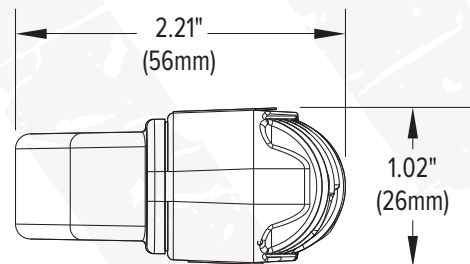
- Voltage: 12 VDC
Amps: **SOLO[™]:**
1.0 (peak),
0.40 (avg.)
DUO[™]:
0.70 (peak),
0.28 (avg.) per color
TRIO[™]:
0.95 (peak),
0.38 (avg.) per color
Combination models:
Warning, Flood, and Puddle:
0.89 (peak),
0.57 (avg.)
- Certifications: SAE Class 1 (Clear or Smoked lens),
KKK-A-1822F Contributor
- Warning:**
SAE J595
SAE J845
- Dimensions: **Universal mount size:** 4.09" (104mm) W x
1.02" (26mm) H x 2.21" (56mm) D
Surface mount size: 5.91" (150mm) W x
1.69" (43mm) H x 1.98" (50mm) D
- Warranty: 10-year warranty



IONV3R
Universal Mount



Universal Mount



Universal Mount

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IONSV3B
Surface Mount

Model	Optics	Lens	Mount	Housing
IONV1*	Single-Color	Clear	Universal	Black
IONV1*W		Smoked		White
XONV1*				Black
IONV3*	3-in-1 Combination	Clear		Black
IONV3*W		Smoked		White
XONV3*				Black
IONSV1*	Single-Color	Clear	Surface	Black
IONSV1*W		Smoked		White
IONSV1*C				Chrome
XONSV1*	3-in-1 Combination	Clear		Black
IONSV3*		Smoked		White
IONSV3*W				Chrome
IONSV3*C				Black
XONSV3*		Smoked		Black



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OPTIONS

Model	Optics	Mount	Housing
IONK1B	For ION® V-Series™ Universal Mount Lighthead Only	Swivel Mount Bracket	Black
IONGROM		Grommet Mount Kit	
IONPEDB		Pedestal Mount Kit	
IONBKT1		Universal License Plate Bracket for Two ION Lighthead, Horizontal Mount, Not for Use with Surface Mount IONs	
IONBKT5		Universal Mount, Reversed, Allows Access to Mounting Screws without Removing the Light	
IONBKT8		Rear Hatch Brackets (Pair) for 2020-2024 Ford Police Interceptor Utility, Requires Two ION Series Lighthead, Sold Separately	
IONBKT9		Grille Mount Bracket (Pair) 2021-2024 Chevy Tahoe PPV, Requires Two ION Series Lighthead, Sold Separately	

MIRROR-BEAM™ OPTIONS

Model	Optics	Mount	Housing
MBCB24	For ION V-Series Universal Mount Lighthead Only	2024 Chevy Blazer EV PPV Includes Cables and Textured Black Finish, Sold in Pairs, Two Lighthead Required, Sold Separately	Black
MBCT21		2021-2024 Chevy Tahoe Includes Cables and Textured Black Finish, Sold in Pairs, Two Lighthead Required, Sold Separately	
MBDC11		2011-2023 Dodge Charger Includes Cables and Textured Black Finish, Sold in Pairs, Two Lighthead Required, Sold Separately	
MBDD19		2018-2024 Dodge Durango Includes Cables and Textured Black Finish, Sold in Pairs, Two Lighthead Required, Sold Separately	
MBFX20		2020-2024 Ford Police Interceptor Utility Includes Cables and Textured Black Finish, Sold in Pairs, Two Lighthead Required, Sold Separately	
MBIONV*		V-Series ION Lighthead, Two Lighthead Required, When Ordered with Mirror-Beam™, Add Each	
MBXONV*		V-Series ION Lighthead, with Smoked Lens, Two Lighthead Required, When Ordered with Mirror-Beam, Add Each	



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LINV2™ & LINSV2™ V-Series™



LINV2C



LINSV2B

FEATURES

- Available in 2-in-1 combination warning or puddle light
- LINSV2 lighthouse with right angle bracket mounts beneath side view mirror, push bumper, or any flat mounting surface
- Glamour cap included
- Black flange included
- Warning segment has 25 Scan-Lock flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lighthoods together for warning segment of the lighthouse

SPECS

Voltage: 12 VDC
 Amps: **Combination models:**
 Warning and Puddle:
 0.88 (peak),
 0.56 (avg.)
 Certifications: SAE Class 1 (Clear or Smoked lens)
Warning:
 SAE J595
 SAE J845 Selective Coverage (Amber)
 Dimensions: **LINV2:**
 2.89" (74mm) W x
 1.10" (28mm) H x
 2.80" (71mm) D
LINSV2:
 3.88" (98mm) W x
 1.58" (40mm) H x
 1.65" (42mm) D
 Warranty: 5-year warranty

Model	Lens	Mount	Housing
LINV2*	Clear	Surface Mount	Black
LINV2*X	Smoked		
LINSV2*	Clear	Under Surface Mount	
LINSV2*X	Smoked		



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OPTIONS

Model	Mount	Housing
LINV2 Lighthouse Only		
RFLANGEC	Flange Mounting Kit	Chrome
L6BKT3	46° Push Bumper Bracket, Each	Black
RBKT1	"L" Mounting Bracket for One Lighthouse	Aluminum
RBKT2	"L" Mounting Bracket for Two Lighthoods	
RBKT4	Swivel Mounting Bracket	Black
RBKT7	License Plate Bracket for Two Lighthoods, Vertical Mount	Black
RBKT10	Trunk Mount Bracket for 2015-2023 Dodge Charger, Pair	
RBKT20	2020-2024 Ford Police Interceptor Utility, Grille Stud Mounting Bracket, Pair, for Use with Two LINV2, LNZV6, or TIR3/LIN3 Series Lighthoods	
LINV2 Lighthouse Only - Above or Below the Rear Taillight Mounting Bracket, Pair		
RBKT17	2014-2018 Dodge Ram, and 2019-2021 Dodge Ram 1500 Classic, Above the Rear Taillight Mounting Bracket, Pair (Consider LIN3 Mounting Flange, Sold Separately)	Black
RBKT21	2023-2024 Ford F-150 PPV Below the Taillight Mounting Brackets, Pair	
LINSV2 Lighthouse Only - Under Mirror Mount, Pair		
LSVBKT35	2011-2023 Dodge Charger	Black
LSVBKT42	2011-2022 Dodge Ram 1500	
LSVBKT44	2013-2024 Dodge Durango	
LSVBKT47	2015-2020 Ford F-150 PPV	
LSVBK47C	2022-2024 Ford F-150 PPV, 2022-2023 Ford F-150 Lightning	
LSVBKT50	2020-2024 Ford Police Interceptor Utility (For Use with Ford's Factory Side Marker LED Side View Mirror Option)	
LSVBKT54	2021-2024 Chevy Tahoe	
LSVBKT59	2024 Chevy Blazer EV PPV	

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500 V-Series™



5V1R



5V3A

FEATURES

- Combination models have 3-in-1 180° wide-angle warning, flood, and puddle light
- Single-color models have combination 180° and TIR[®] directional warning
- Warning segment has 32 Scan-Lock[®] flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lightheads together for warning segment of the lighthead

Model	Optics
5V1*	Single-Color Warning
5V3*	3-in-1 Combination



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SPECS

Voltage: 12 VDC
 Amps: **Combination models:**
 Warning, Flood, and Puddle:
 1.12 (peak), 0.712 (avg.)
Single-color warning model:
 1.76 (peak), 1.12 (avg.)
 Certifications: SAE Class 1 (Clear or Smoked lens),
Warning: SAE Class 1,
 California Title 13 (Blue)
 Dimensions: 5.39" (137mm) W x 2.13" (54mm) H x
 1.64" (42mm) D
 Warranty: 5-year warranty

OPTIONS

Model	Mount	Housing
5FLANGEB	Flange	Black
5FLANGEC		Chrome
5FLANGEP	Polished Aluminum Flange	Aluminum
5GROMMET	Rubber Grommet Mount Kit	Black
5GBKT1	"L" Bracket for Use with 5GROMMET Only	Black
5LSMAB	Surface Mount Adapter for Linear Super-LED [®] Only	Black
5LSMAC	Surface Mount Adapter for Linear Super-LED Only	Chrome
5BKT1	Universal Mounting Bracket for 500 Series Super-LED	Black

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400 V-Series™

FEATURES

- Models have 3-in-1 180° wide-angle warning, flood, and puddle light
- Surface mount supplied with rubber gasket
- Warning segment has 25 Scan-Lock™ flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lightheads together for warning segment of the lighthead

SPECS

Voltage: 12 VDC
 Amps: 1.20 (peak), 0.48 (avg.)
 Certifications: NFPA 1900 Contributor, KKK-A-1822F Contributor, California Title 13
 SAE Class 1 (Clear or Smoked lens)
 Dimensions: 4.88" (124mm) W x 3" (76mm) H x 1.65" (42mm) D
 Warranty: 5-year warranty



4V3A

Model	Mount
4V3*	Surface



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OPTIONS

Model	Mount	Housing
4FLANGEB	Flange	Black
4EFLANGE		Chrome
4TSMAB	Super-LED® Surface Mount Adapter, Linear-LED® and Super-LED Only	Black
4TSMAC		Chrome
4EGRILB	Grille-Master™ Housing with Swivel Bracket	Black
4EGRILP		Chrome
4BKT1	Universal "L" Mounting Bracket for 400 Series Lighthead, Must Be Used with 4TSMAB or 4TSMAC Flange	Black

M4 V-Series

FEATURES

- Models have 2-in-1 combination warning and scene lighting
- Surface mount via 2 screws for easy installation
- Warning segment has 25 Scan-Lock flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lightheads together for warning segment of the lighthead

SPECS

Voltage: 12 VDC
 Amps: **Combination models:**
 Warning: 1.0 (peak), 0.40 (avg.)
 Perimeter: 0.77 (average)
 Certifications: SAE Class 1 (Clear or Smoked lens)
 Dimensions: 5.5" (139mm) W x 3.38" (86mm) H x 1.85" (47mm) D
 Warranty: 10-year warranty



M4V2B

Model	Mount
M4V2*	Surface



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OPTIONS

Model	Mount	Housing
M4FB	Flange	Black
M4FC		Chrome
M4FC400	Flange, Adapts M Series® to 400 Series Style	Chrome
M4BRUSH	Brush Guard	Black
4BKT1	Universal "L" Mounting Bracket for M4	Black

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M6 V-Series™

FEATURES

- Models have 2-in-1 combination warning and scene lighting
- Surface mount via 2 screws for easy installation
- Warning segment has 26 Scan-Lock™ flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lighthoods together for warning segment of the lighthood



M6V2R

SPECS

Voltage: 12 VDC
 Amps: **Combination models:**
 Warning: 1.5 (peak), 0.60 (avg.)
 Perimeter: 0.77 (avg.)

Certifications: **Warning:** NFPA 1900 Contributor
 When Properly Configured,
 ASTM /KKK-A-1822F Contributor,
 SAE Class 1, California Title 13
Illumination: AMD 024 Perimeter
Illumination Spec: M6V2 (2) Lighthoods
 On Each Side of the Vehicle,
 NFPA 13.10.1.2
Ground Lighting: M6V2 (1)
 Lighthood Mounted up to 6'

Dimensions: 6.75" (171mm) W x 4.29" (109mm) H x
 2.25" (57mm) D

Warranty: 10-year warranty

Model	Mount
M6V2*	Surface
M6V2*C	Surface, with Clear Outer Lens



Replace * symbol in model number with LED color desired: A = Amber, B = Blue, C = White, R = Red

OPTIONS

Model	Mount	Housing
6BKT1	"L" Bracket Push Bumper Mounting Kit	Black
6BKT2	Angled Bracket Push Bumper Mounting Kit	Black
M6FC	Flange	Chrome
M6FB		Black
M6P15C	15° Angled Surface Mount Housing	Chrome
M6P15B		Black
M6FC600	Flange, Adapts M6 to 600 Series Mounting	Chrome
M6FB600		Black
M6PTM5F	Front Light Pod for Eight M6 Lighthoods for the 2015-2023 Ford Transit, Medium Roof, Lighthoods Sold Separately, Freight Surcharge May Apply	Black, Paintable to Match Vehicle
M6PTH5F	Front Light Pod for Eight M6 Series Lighthoods for the 2015-2023 Ford Transit, High Roof, Lighthoods Sold Separately, Freight Surcharge May Apply	
M6PTH5	Front Light Pod for Eight M6 Series Lighthoods for the 2015-2023 Ford Transit High Roof, Lighthoods Sold Separately, Freight Surcharge May Apply	
M6BRUSH	Brush Guard	Black

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M9 V-Series™



FEATURES

- Models have 2-in-1 combination warning and scene lighting
- Surface mount via 2 screws for easy installation
- Chrome-plated flange included
- Adapter flange kit mounts M9 lightheads to upper sides of the 2015-2023 Transit for 360° of critical coverage
- Warning segment has 32 Scan-Lock™ flash patterns
- 6" pigtail cable with sync wire included
- Synchronize up to 8 lightheads together for warning segment of the lighthead



M9V2R

SPECS

- Voltage: 12 VDC
 Amps: **Combination models:**
 Warning: 2.4 (peak), 0.96 (avg.)
 Scene light: 2.4 (avg.)
- Certifications: **Warning:** NFPA 1900 Contributor When Properly Configured, ASTM/KKK-A-1822F Contributor, SAE Class 1, California Title 13
Illumination: AMD 024 Perimeter Illumination Spec: M9V2 (1) Lighthead on Each Side of the Vehicle, NFPA 13.10.1.1
- Dimensions: 10.4" (263mm W x 6.5" (165mm) H x 2.7" (69mm) D
 Warranty: 10-year warranty

Model	Mount
M9V2*	Surface
M9V2*C	Surface, with Clear Outer Lens



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OPTIONS

Model	Mount	Housing
M9FC	Flange	Chrome
M9BC	Flange	Black
M9VFC900	Flange, Adapts M9V to 900 Series Mounting	Chrome
M9BRUSH	Brush Guard	Black
M9HTM5FC	Front, Driver and Passenger Side, Medium Roof, Upper Side Adapter Flange Kit. Lightheads Sold Separately.	Chrome
M9HTM5RC	Rear, Driver and Passenger Side, Medium Roof, Upper Side Adapter Flange Kit. Lightheads Sold Separately.	
M9HTH5FC	Front, Driver and Passenger Side, High Roof	Chrome
M9HTH5RC	Rear, Driver and Passenger Side, High Roof	

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