

12V Accent VLO Beam Expanders

As we continue to bring new and innovative product solutions to market, we've hit a home run with the launch of our 12V Accent VLO Beam Expanders. This sophisticated yet straightforward optical system allows you to add additional beam spread to any Kichler Accent VLO fixture with ease and precision. The supplemental system shapes, controls, and distributes light within defined areas providing installers versatility and design flexibility.

12V Large Beam Expander
16091FRO



12V Small Beam Expander
16090FRO



Compatible With:
12V LED Large Accent
16018-16020



Compatible With:
12V LED Small Accent
16015-16017

Features & Benefits

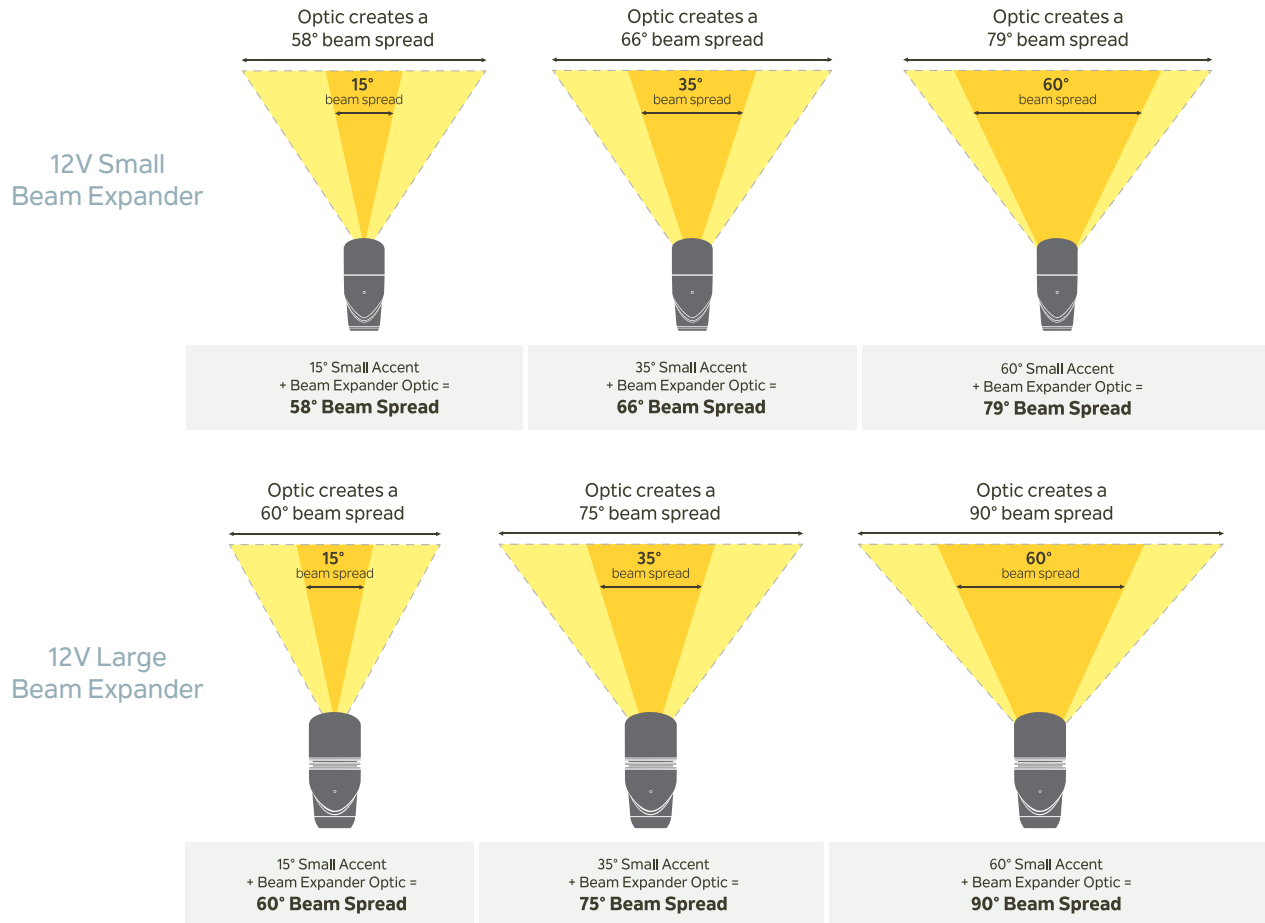
- Easy to install by simply placing the expander optic under the cowl and against the sealed glass to widen the beam spread of an existing Accent VLO fixture.
- Practical solution without the risk of mechanical adjustment failure.
- Maintains a uniform center-to-edge light output putting light exactly where you want it.
- Nearly 90% transmission of light, aids in glare control and increases uniformity.
- Offers industry leading optical capabilities with one of the widest spreads available in a traditional 12V accent fixture at up to 90-degrees.
- The shatterproof and UV-resistant construction stands up to the elements and is backed by a 5-year warranty.



Backed by Kichler's 5-year warranty.
For details, visit [Kichler.com/Warranty](https://www.kichler.com/Warranty)

KICHLER

Product Specifications & Ordering Guide



Beam Spread Capabilities

Original Beam Spread	12V LED Small Accent VLO (16015-16017) plus Beam Expander	12V LED Large Accent VLO (16018-16020) plus Beam Expander
15°	58°	60°
35°	66°	75°
60°	79°	90°

Order Guide	Beam Expander Optic - Small	Beam Expander Optic - Large
Item Number	16090FRO	16091FRO
Compatible with:	12V LED Small Accent (16015-16017)	12V LED Large Accent (16018-16020)
Beam Spread	Adds additional beam spread to any 12V Accent VLO fixture (see above chart for specific beam expander options)	
Lumens	Superior optic transmission of nearly 90% delivered lumen output	
Packaging Quantity	Unbreakable 5-pack	
Warranty	5-Year Limited Warranty	

Visit Kichler.com/Landscape