Evolve™ LED Area Light

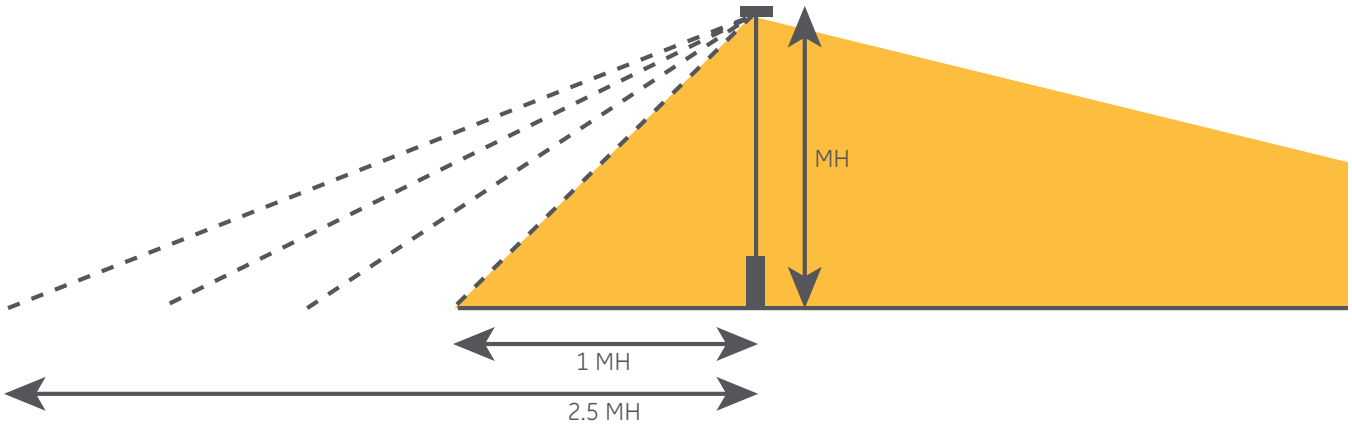
Shielding for EAL Area Light Fixtures

The next evolution of the GE Evolve™ LED Area Light delivers even better trespass control. GE's exclusive reflective optical ring design produces superior vertical illuminace and efficiently directs the light without wasteful and unwelcomed light spill into neighboring properties. Due to the extensive variation of parking lot configurations coupled with tightening ordinances, GE now offers a full array of shielding to accommodate challenging sites.

The shielding options available for the GE Evolve Area Light focus on the following applications:

- Left and Right cutoff
- Front cutoff
- Backlight control and B-U-G improvement

Within each of the shielding families, there are multiple shielding cutoff levels that are categorized in mounting height (MH) increments. GE accommodates cutoff distance from the pole from 1MH to 2.5 MH in 0.5 MH increments. The shields that are listed are for the most common applications. Please contact the manufacturer if your need is not listed.



All shields can be installed easily in the field. The next evolution of the GE Evolve LED Area Light and shielding options will help you meet any parking lot challenge.

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EAL Shielded Fixture Examples

Single Module Left/Right Shield

Double Module Left/Right Shield

Single Module Front Shield

Double Module Front Shield

Single Module Back Shield

Double Module Back Shield

EALP01 1 Module Optical Codes
C4, C3, C2
D4, D3, D2
F4, F3, F2

EALS01 1 Module Optical Codes
D4, D3, D2
F4, F3, F2

EALP01 2 Module Optical Codes
H4, H3, H2
J4, J3, J2
K4, J3, J2
L4, J3, J2
C5, D5, F5, H5, J5, K5, L5
M5, N5, Q5, S5, T5, U5, V5
KA, LA

EALS01 2 Module Optical Codes
H4, H3, H2
J4, J3, J2
K4, J3, J2
D5, F5, H5, J5, K5
N5, Q5, S5, T5, U5
KA

Type V Shielding

Shield Orientation	Cutoff Distance	Fixture Type	Shield Order Logic
Any Side	0.5	2 Module (Symmetric Medium)	ELS-EAL-MS1-BLCK
	1		ELS-EAL-MS2-BLCK
	1.5		ELS-EAL-MS3-BLCK
	2		ELS-EAL-MS4-BLCK
	2.5		ELS-EAL-MS5-BLCK
Any Side	0.5	2 Module (Symmetric Wide)	ELS-EAL-SS1-BLCK
	1		ELS-EAL-SS2-BLCK
	1.5		ELS-EAL-SS3-BLCK
	2		ELS-EAL-SS4-BLCK
	2.5		ELS-EAL-SS5-BLCK

Type IV Shielding

Shield Orientation	Cutoff Distance	Fixture Type	Shield Order Logic
Front	1	2 Module	ELS-EAL-FF2-BLCK
	1.5		ELS-EAL-FF3-BLCK
	2		ELS-EAL-FF4-BLCK
	2.5		ELS-EAL-FF5-BLCK
Front	1	1 Module	ELS-EAL-RF2-BLCK
	1.5		ELS-EAL-RF3-BLCK
	2		ELS-EAL-RF4-BLCK
	2.5		ELS-EAL-RF5-BLCK
Side	0.5	2 Module	ELS-EAL-FS1-BLCK
	1		ELS-EAL-FS2-BLCK
	1.5		ELS-EAL-FS3-BLCK
	2		ELS-EAL-FS4-BLCK
	2.5		ELS-EAL-FS5-BLCK
Side	0.5	1 Module	ELS-EAL-RS1-BLCK
	1		ELS-EAL-RS2-BLCK
	1.5		ELS-EAL-RS3-BLCK
	2		ELS-EAL-RS4-BLCK
	2.5		ELS-EAL-RS5-BLCK
Back	Short	2 Module	ELS-EAL-FBN-BLCK
	Long		ELS-EAL-FBL-BLCK
Back	Long	1 Module	ELS-EAL-RBL-BLCK

Type III Shielding

Shield Orientation	Cutoff Distance	Fixture Type	Shield Order Logic
Front	1	2 Module	ELS-EAL-WF2-BLCK
	1.5		ELS-EAL-WF3-BLCK
	2		ELS-EAL-WF4-BLCK
	2.5		ELS-EAL-WF5-BLCK
Front	1	1 Module	ELS-EAL-DF2-BLCK
	1.5		ELS-EAL-DF3-BLCK
	2		ELS-EAL-DF4-BLCK
	2.5		ELS-EAL-DF5-BLCK
Side	0.5	2 Module	ELS-EAL-WS1-BLCK
	1		ELS-EAL-WS2-BLCK
	1.5		ELS-EAL-WS3-BLCK
	2		ELS-EAL-WS4-BLCK
	2.5		ELS-EAL-WS5-BLCK
Side	0.5	1 Module	ELS-EAL-DS1-BLCK
	1		ELS-EAL-DS2-BLCK
	1.5		ELS-EAL-DS3-BLCK
	2		ELS-EAL-DS4-BLCK
	2.5		ELS-EAL-DS5-BLCK
Back	Short	2 Module	ELS-EAL-WBN-BLCK
	Long		ELS-EAL-WBL-BLCK
Back	Long	1 Module	ELS-EAL-DBL-BLCK

Type II Shielding

Shield Orientation	Cutoff Distance	Fixture Type	Shield Order Logic
Side	0.5	2 Module	ELS-EAL-NS1-BLCK
	1		ELS-EAL-NS2-BLCK
	1.5		ELS-EAL-NS3-BLCK
	2		ELS-EAL-NS4-BLCK
	2.5		ELS-EAL-NS5-BLCK
Side	0.5	1 Module	ELS-EAL-AS1-BLCK
	1		ELS-EAL-AS2-BLCK
	1.5		ELS-EAL-AS3-BLCK
	2		ELS-EAL-AS4-BLCK
	2.5		ELS-EAL-AS5-BLCK
Back	Short	2 Module	ELS-EAL-NBN-BLCK
	Long		ELS-EAL-NBL-BLCK
Back	Long	1 Module	ELS-EAL-ABL-BLCK

Type Auto Shielding

Shield Orientation	Cutoff Distance	Fixture Type	Shield Order Logic
Back	Long	2 Module	ELS-EAL-FBL-BLCK

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