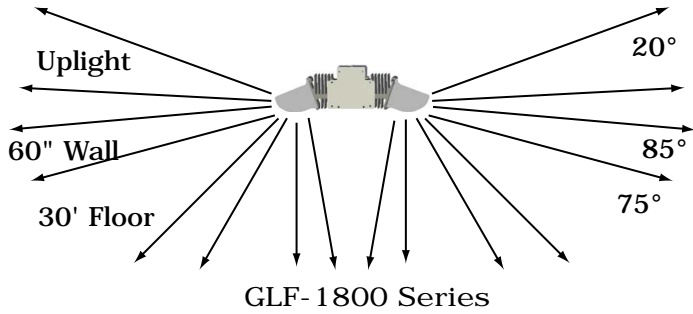


Applications Guide - Parking Garage Luminares

GL Series is our highest coverage interior Luminaire. It provides illumination on walls, floor and task areas above the floor. The standard version has +20° uplight at each wing.



The GL Series provides maximum coverage, and due to its high-angular output, can contribute to veiling or disability glare. There are two cutoffs to choose: Driver Approach Cutoff and Wall Cutoff

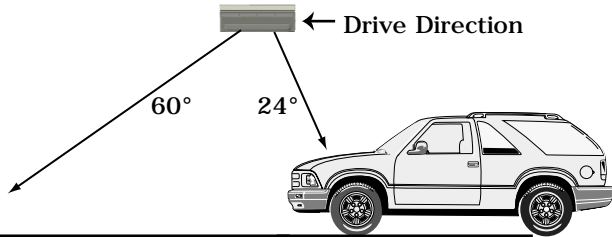
DAC (Driver Approach Cutoff)

For Single-Row layout, the Luminaire is centered above the drive aisle and is marked with a drive-direction so that installation will reduce glare on the driver approach. It can be rotated for either direction of drive aisle.

For a Full Luminaire (F in Style column) DAC can be Left, Right, None or Both.

For a 2-way drive aisle, specify "T" rather than "F" in style number; DAC can be "R" for right-lane cutoff on BOTH sides, or "L" for left-lane cutoff on BOTH sides.

DAC for a "Split" Luminaire refers to L or R facing into the Luminaire.



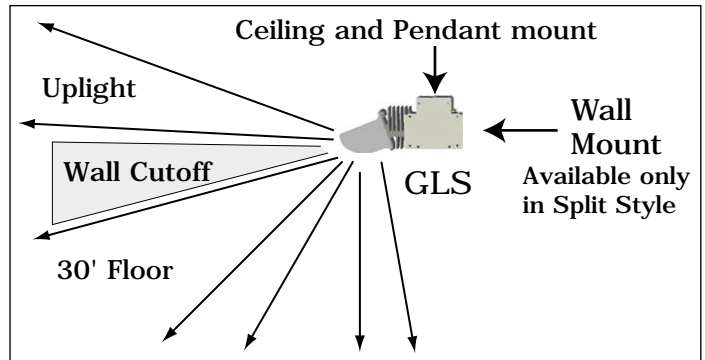
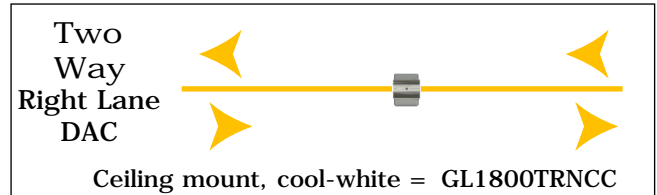
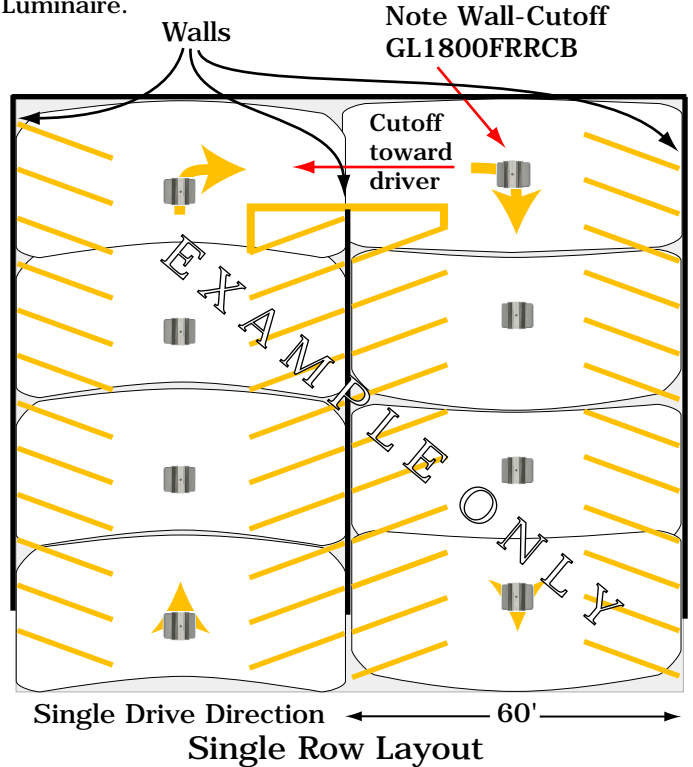
Example - Driver Approach Cutoff - (DAC)

Wall Cutoff

Single-Row Luminares will typically illuminate walls on opposite sides of the aisle. But there may be applications without those walls, perhaps a window or an oncoming drive aisle (as shown in the example above right) where this light must be limited. For this control, "Wall Cutoff" can be specified on either end of the Luminaire.

When Style is "Full", Wall Cutoff is Left, Right, None or Both. When Style is "Split" any WC designation other than "None" will result in Wall Cutoff.

The following sketch illustrates Single-Row layout and also shows application of a Wall Cutoff feature Luminaire.



Wall Cutoff is used when mounting either style Luminaire where a driver approach is directly into the lens.

Maintained Illumination for a Single Row System of Four IntenCity Luminares
(FC = footcandles, Red = less than IES or NPA Recommended Standard.)

Bay Width	4-Luminaire Area Length	Luminaire Spacing	Vertical FC @ 60"	Avg. Horiz. FC 30" up	Horiz. FC on Floor			
					Min.	Max.	Avg.	Max/Min
55'	72'	18'	1.9	2.6	1.3	4.6	2.3	3.5
	80'	20'	1.6	2.4	1.2	4.3	2.1	3.6
	88'	22'	1.5	2.1	0.8	3.9	1.9	5
60'	72'	18'	1.6	2.4	1.1	4.6	2.2	4
	80'	20'	1.4	2.2	1.0	4.5	2.0	4.5
	88'	22'	1.2	2	0.8	4.1	1.8	5.4

