

Kurtzon has for many decades manufactured the best in lighting products intended for food processing areas. Our specialization in stainless steel makes food process lighting a natural extension of our product lines. The Kleanlock™, ABL, EL and Vega™ series are all products that were introduced years ago to fill a need for sealed products that control contamination. To help you select the proper product we have included the following chart to summarize the features offered by each of our fixtures.

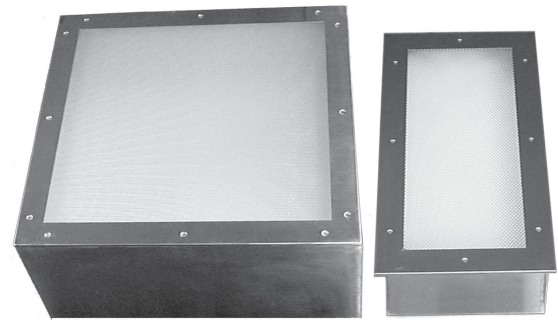
Application	Features										Suggested Fixtures	
	Low Temperature Start	High Abuse /Cleanable	Corrosion Protection	Contamination Control	Wide Distribution	Water Resistance (HD85)	Water Resistance (HD1700)	Light Weight	Restricted Glass Use	NSF Listing		FDA/USDA
Meat Packing	X	X	X	X	X	X	X	X	X	X	X	1x4, 2x4, COR, 521, 541
Sterile Packing		X	X	X	X	X	X	X	X	X	X	1x4, 2x4, Vega A-E, 521, 541
Dairy	X	X	X	X	X	X	X	X	X	X	X	1x4, 2x4, COR, 521, 541
Frozen Food	X											1x4, Vega A-E, COR
Commercial Kitchen		X	X			X			@	@	@	1x4, 2x4, Vega A-E, COR
Coolers/ Freezers	X	X	X		X	X	X		@	@	@	1x4, Vega B-E,

@ = Suggested feature

**Commercial kitchens** are rigorously cleaned using strong alkali's detergents and solvents. These chemicals are often applied using abrasive pads or contain abrasives. This can destroy a painted finish even of the best materials. If a fixture will be scrubbed it should be made of scrubable materials. Exposed metal surfaces should be stainless steel and wherever possible, the lens materials should be tempered glass when allowed. **Coolers and Freezers** require a high resistance to corrosion due to the buildup of condensation. Low temperature starting and operation is a must. Additionally the fixtures are secured to aluminum clad insulated ceiling panels, so they must be light weight. The ceilings are usually low, so fixtures need to have a wide distribution and abuse resistant

**Dairy and Meat packing** plants require rigorous cleaning too. In addition to scrubbing, these areas are often cleaned by washdown or spraying with hose directed water. We have provided two standards for Hose directed water resistance. The **HD85** standard was developed to simulate cleaning from a normal utility hose and nozzle supplied by 85 PSI, a pressure that exceeds that which is ordinarily available. The **HD1700** standard represents a very forceful cleaning from a 1700 PSI high pressure washing system.

Many of these environments benefit from a fixture construction that is Listed by the National Sanitation Foundation (NSF). Keep in mind that glass may not be allowed in this space.



*FP-S-3-541 & FP-F-3-1x2 Fixtures*



*FP-A, B, C & D Vega™ Series Fixtures*

