

IES Distribution Diagrams

IES TYPE	LONGITUDINAL CLASSIFICATION		
	SHORT "S"	MEDIUM "M"	LONG "L"
	MAXIMUM SPACING IS 4.5 TIMES MOUNTING HEIGHT	MAXIMUM SPACING IS 7.5 TIMES MOUNTING HEIGHT	MAXIMUM SPACING IS 12.0 TIMES MOUNTING HEIGHT
<p>TYPE I FOR STREETS UP TO 2.0 TIMES MOUNTING HEIGHT IN WIDTH</p>			
<p>TYPE 1 4-WAY</p>			
<p>TYPE II FOR STREETS UP TO 1.75 TIMES MOUNTING HEIGHT IN WIDTH</p>			
<p>TYPE II 4-WAY</p>			
<p>TYPE III FOR STREETS UP TO 2.75 TIMES MOUNTING HEIGHT IN WIDTH</p>			
<p>TYPE IV FOR STREETS UP TO 2.75 TIMES MOUNTING HEIGHT IN WIDTH</p>			
<p>TYPE V FOR GENERAL AREA LIGHTING</p>			
<p>RELATIONSHIP OF LUMINAIRE DISTRIBUTION TO MAXIMUM AREA COVERAGE (MAXIMUM BEAM CANDLEPOWER FALLS WITHIN CROSSHATCHED AREA). THE DIAGRAMS ARE INTENDED TO INDICATE THE MAXIMUM AREA COVERAGE BY DIFFERENT TYPES OF LIGHT DISTRIBUTIONS. THEY REPRESENT THE EXTREME RANGES OF PRACTICAL COMBINATIONS. SOME THEORETICALLY POSSIBLE COMBINATIONS HAVE BEEN OMITTED BECAUSE THEY ARE NOT GENERALLY APPLICABLE FOR PRESENT PRACTICE. FINAL SELECTION OF A LUMINAIRE DISTRIBUTION FOR ANY GIVEN LIGHTING SYSTEM SHOULD BE BASED ON REQUIRED LEVEL AND UNIFORMITY OF ILLUMINATION.</p>			

Figure 901.11.5