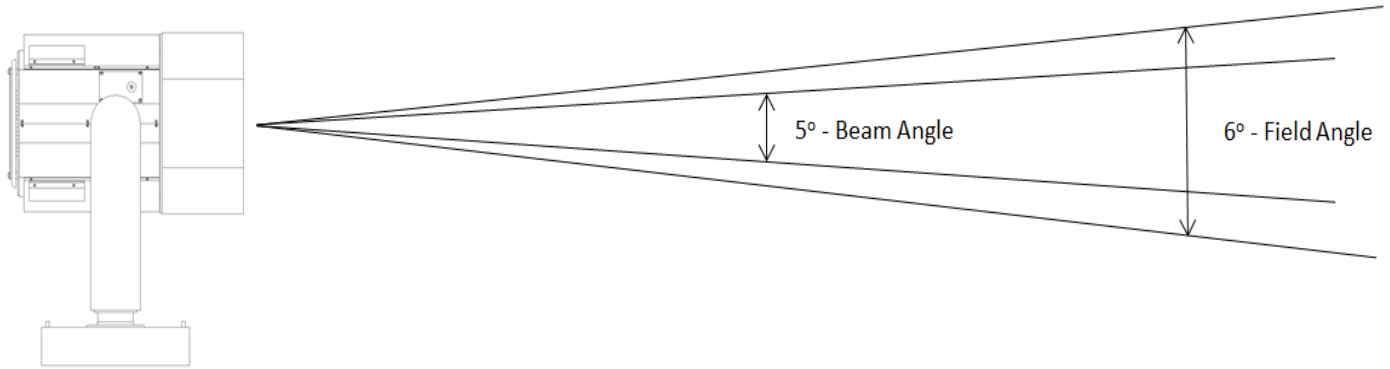


**PHOTOMETRIC DATA - NARROW BEAM**



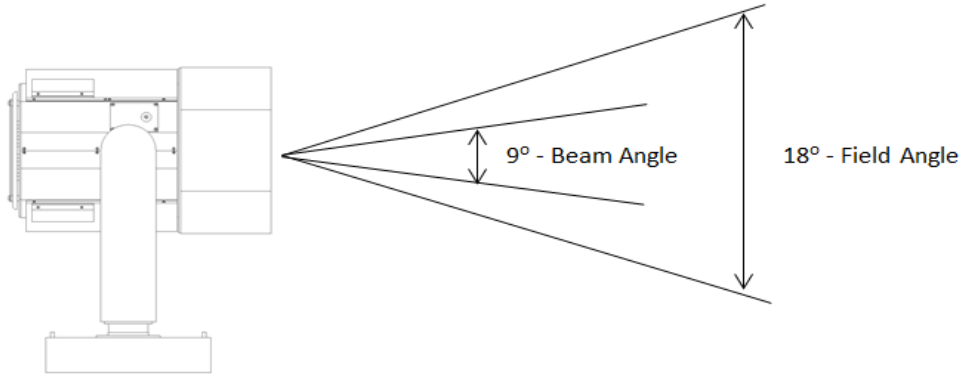
Throw Distance (Ft)	30	50	100	200	300
Beam Diameter (Ft)	3.1	5.2	10.5	21.0	31.4
Luminance (fc)	21,200	7,632	1,908	477	212
Throw Distance (m)	9.1	15.2	30.5	61.0	91.4
Beam Diameter (m)	1.0	1.6	3.2	6.4	9.6
Luminance (lux)	230,407	82,583	20,511	5,128	2284

Beam Angle	Tn,Beam	Field Angle	Tn, Field	CBI (Candela)
5	0.087	6	0.105	19,080,000

Multiply throw distance by respective Tn factors to calculate beam and field diameters.  
 Divide CBI (Candela) by distance squared to find center beam luminance.  
 Distance in feet gives foot candles, distance in meters gives lux.

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**PHOTOMETRIC DATA - WIDE BEAM**



Throw Distance (Ft)	30	50	100	200	300
Beam Diameter (Ft)	9.5	15.8	31.7	63.4	95.0
Luminance (fc)	3,680	1,325	331	83	37
Throw Distance (m)	9.1	15.2	30.5	61.0	91.4
Beam Diameter (m)	2.9	4.8	9.7	19.3	29.0
Luminance (lux)	39,995	14,335	3,560	890	396

Beam Angle	Tn,Beam	Field Angle	Tn, Field	CBI (Candela)
9	0.157	18	0.317	3,312,000

Multiply throw distance by respective Tn factors to calculate beam and field diameters.  
 Divide CBI (Candela) by distance squared to find center beam luminance.  
 Distance in feet gives foot candles, distance in meters gives lux.

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