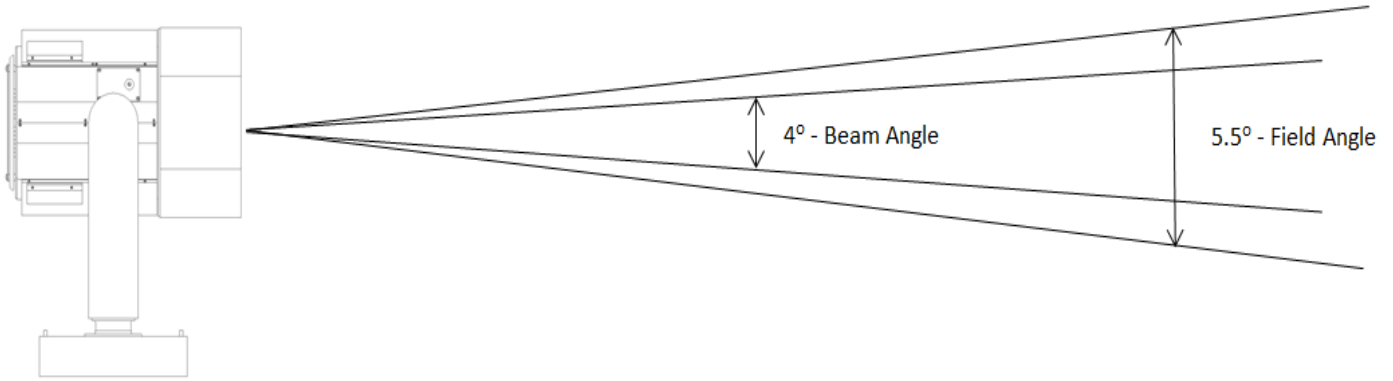


## PHOTOMETRIC DATA - NARROW BEAM

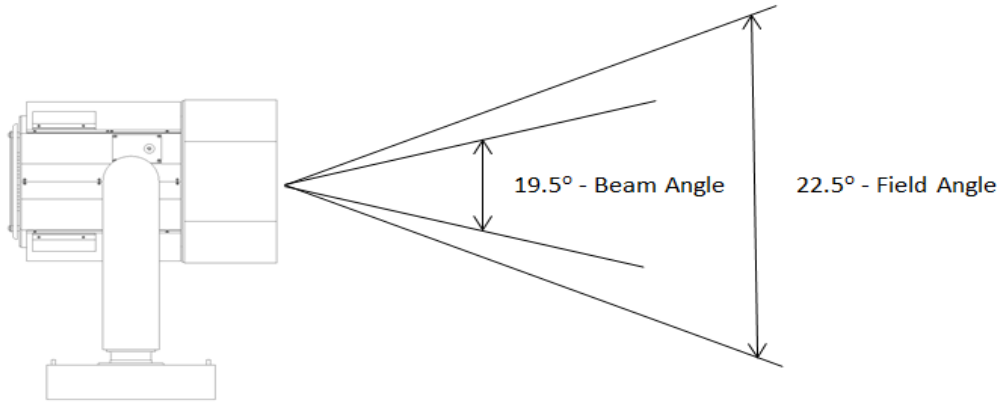


Throw Distance (Ft)	30	50	100	200	300
Beam Diameter (Ft)	2.9	4.8	9.6	19.2	28.8
Luminance (fc)	24,000	8,640	2,160	540	240
Throw Distance (m)	9.1	15.2	30.5	61.0	91.4
Beam Diameter (m)	0.9	1.5	2.9	5.9	8.8
Luminance (lux)	260,838	93,490	23,220	5,805	2,586

Beam Angle	Tn,Beam	Field Angle	Tn, Field	CBI (Candela)
4	0.070	5.5	0.096	21,600,000

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.

**PHOTOMETRIC DATA - WIDE BEAM**



Throw Distance (Ft)	30	50	100	200	300
Beam Diameter (Ft)	11.9	19.9	39.8	79.6	119.3
Luminance (fc)	1,100	396	99	25	11
Throw Distance (m)	9.1	15.2	30.5	61.0	91.4
Beam Diameter (m)	3.9	6.0	12.1	24.3	36.4
Luminance (lux)	11,955	4,285	1,064	266	119

Beam Angle	Tn,Beam	Field Angle	Tn, Field	CBI (Candela)
19.5	0.344	22.5	0.398	990,000

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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