

LIGHTING YOUR FLAGPOLE JUST GOT A WHOLE LOT EASIER.

Lighting a flagpole doesn't need to be a complicated business. Use the charts below to find your solution with our **1185 NS In-Grade Lights**, or visit vistapro.com/flagpole to see what other lighting solutions are available.



1185 NS

Lumen Package:
A Output

Lumens:
981 lm

Max Candela:
18257 cd

Beam/Field Angle:
8.7°/20.2°

Flagpole Height (FH)	Tilt Optic	Setback (SB) in feet	Total Distance (C) hypotenuse in feet*	Max Footcandles (Beam Center) at Total Distance (no tilt lens light loss)**
20 Feet	5°	1.75	20.08	45.28
	10°	3.53	20.31	44.26
	15°	5.36	20.71	42.57
25 Feet	5°	2.19	25.09	29.00
	10°	4.41	25.39	28.32
	15°	6.72	25.89	27.24
30 Feet	5°	2.62	30.11	20.14
	10°	5.29	30.46	19.68
	15°	8.04	31.06	18.92
35 Feet	5°	3.06	35.15	14.78
	10°	6.17	35.54	14.45
	15°	9.38	36.24	13.90
40 Feet	5°	3.49	40.15	11.33
	10°	7.05	40.62	11.06
	15°	10.72	41.41	10.65
45 Feet	5°	3.94	45.17	—
	10°	7.94	45.70	—
	15°	12.06	46.59	—
50 Feet	5°	4.37	50.19	—
	10°	8.82	50.77	—
	15°	13.40	51.76	—

*FH² + SB² = C² **Footcandle figures are NOT corrected for angle of incidence and have NOT included a 5-6% light loss factor for the tilt optic lens. Calculations are based upon maximum candela measurements for each beam distribution.

Only recommended power loss distribution levels are shown.



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October 2020

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1185 NS

Lumen Package:
B Output

Lumens:
1407 lm

Max Candela:
26197 cd

Beam/Field Angle:
8.7°/20.2°

Flagpole Height (FH)	Tilt Optic	Setback (SB) in feet	Total Distance (C) hypotenuse in feet*	Max Footcandles (Beam Center) at Total Distance (no tilt lens light loss)**
20 Feet	5°	1.75	20.08	64.97
	10°	3.53	20.31	63.51
	15°	5.36	20.71	61.08
25 Feet	5°	2.19	25.09	41.62
	10°	4.41	25.39	40.64
	15°	6.72	25.89	39.08
30 Feet	5°	2.62	30.11	28.90
	10°	5.29	30.46	28.24
	15°	8.04	31.06	27.15
35 Feet	5°	3.06	35.15	21.20
	10°	6.17	35.54	20.74
	15°	9.38	36.24	19.95
40 Feet	5°	3.49	40.15	16.25
	10°	7.05	40.62	15.88
	15°	10.72	41.41	15.28
45 Feet	5°	3.94	45.17	12.84
	10°	7.94	45.70	12.54
	15°	12.06	46.59	12.07
50 Feet	5°	4.37	50.19	10.40
	10°	8.82	50.77	10.16
	15°	13.40	51.76	—

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1185 NS

Lumen Package:
C Output

Lumens:
1738 lm

Max Candela:
32342 cd

Beam/Field Angle:
8.7°/20.2°

Flagpole Height (FH)	Tilt Optic	Setback (SB) in feet	Total Distance (C) hypotenuse in feet*	Max Footcandles (Beam Center) at Total Distance (no tilt lens light loss)**
20 Feet	5°	1.75	20.08	80.21
	10°	3.53	20.31	78.41
	15°	5.36	20.71	75.41
25 Feet	5°	2.19	25.09	51.38
	10°	4.41	25.39	50.17
	15°	6.72	25.89	48.25
30 Feet	5°	2.62	30.11	35.67
	10°	5.29	30.46	34.86
	15°	8.04	31.06	33.52
35 Feet	5°	3.06	35.15	26.18
	10°	6.17	35.54	25.61
	15°	9.38	36.24	24.63
40 Feet	5°	3.49	40.15	20.06
	10°	7.05	40.62	19.60
	15°	10.72	41.41	18.86
45 Feet	5°	3.94	45.17	15.85
	10°	7.94	45.70	15.49
	15°	12.06	46.59	14.90
50 Feet	5°	4.37	50.19	12.84
	10°	8.82	50.77	12.55
	15°	13.40	51.76	12.07

*FH² + SB² = C² **Footcandle figures are NOT corrected for angle of incidence and have NOT included a 5-6% light loss factor for the tilt optic lens. Calculations are based upon maximum candela measurements for each beam distribution.

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