

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 MF In-Grade Lights**, or visit vistapro.com/flagpole to see what other lighting solutions are available.



1185 MF

Lumen Package:
A Output

Lumens:
997 lm

Max Candela:
8646 cd

Beam/Field Angle:
15.6°/31.2°

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	21.44
	10°	3.53	20.31	20.96
	15°	5.36	20.71	20.16
25 Feet	5°	2.19	25.09	13.73
	10°	4.41	25.39	13.41
	15°	6.72	25.89	12.90
30 Feet	5°	2.62	30.11	—
	10°	5.29	30.46	—
	15°	8.04	31.06	—
35 Feet	5°	3.06	35.15	—
	10°	6.17	35.54	—
	15°	9.38	36.24	—
40 Feet	5°	3.49	40.15	—
	10°	7.05	40.62	—
	15°	10.72	41.41	—
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	—

* $FH^2 + SB^2 = C^2$ **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.



PROFESSIONAL
OUTDOOR LIGHTING



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October 2020

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1185 MF

Lumen Package:
B Output

Lumens:
1431 lm

Max Candela:
12407 cd

Beam/Field Angle:
15.6°/31.2°

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	30.77
	10°	3.53	20.31	30.08
	15°	5.36	20.71	28.93
25 Feet	5°	2.19	25.09	19.71
	10°	4.41	25.39	19.25
	15°	6.72	25.89	18.51
30 Feet	5°	2.62	30.11	—
	10°	5.29	30.46	—
	15°	8.04	31.06	—
35 Feet	5°	3.06	35.15	—
	10°	6.17	35.54	—
	15°	9.38	36.24	—
40 Feet	5°	3.49	40.15	—
	10°	7.05	40.62	—
	15°	10.72	41.41	—
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	—

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1185 MF

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C Output

Lumens:
1766 lm

Max Candela:
15317 cd

Beam/Field Angle:
15.6°/31.2°

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	37.99
	10°	3.53	20.31	37.13
	15°	5.36	20.71	35.71
25 Feet	5°	2.19	25.09	24.33
	10°	4.41	25.39	23.76
	15°	6.72	25.89	22.85
30 Feet	5°	2.62	30.11	—
	10°	5.29	30.46	—
	15°	8.04	31.06	—
35 Feet	5°	3.06	35.15	—
	10°	6.17	35.54	—
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