



Standard & special pole length chart



Kwik-Raze® Lighthoods

Kwik-Raze® Poles & Mounts

Collins Dynamics® Lights

	Standard Pole Length		Standard Overall Stowed Length with Lighthouse								Special Pole Lengths (N7)			
	"C" Inner Pole	"D" Outer Pole	With Magnafire 3000®	With Stonco	With FX Series (N1)	With dual Magnafire 3000®	With Dual 500W Stonco (KR-05-02)	With dual FX Series (N1)	With Magnafire 3000® Portable/Demountable	With Stonco Portable/Demountable	"C" Minimum inner pole length	"D" Minimum outer pole length	"C" Maximum inner pole length	"D" Maximum outer pole length
Top-Raise Pole														
100	48	58	69	71	70	71.75	73.75	72.75	72.25	74.25	4 (N4)	8 (N4)	70	84
200-W/2, 4, 7	48	58	69	71	70	71.75	73.75	72.75	72.25	74.25	4 (N4)	8 (N4)	70	84
300	48	58	69	71	70	71.75	73.75	72.75	72.25	74.25	4 (N4)	8 (N4)	70	84
Bottom Raise Pole														
400	48	12	57.5	59.5	58.5	60.25	62.25	61.24	60.74	62.75	14.5	5.5	84	40.5
500-W/2, 4, 7	67.5	24	77	79	78	79.75	81.75	80.75	80.25	82.25	15	7	84	40.5
Permanent Mount														
600	4.25	3.5	14.5	16.5	15.5	17.25	19.25	18.25	17.75	19.75	4.25	3.5	4.25	3.5
Portable														
700	N/A	N/A	11.5	13.5	12.5	N/A	N/A	N/A	12	14	N/A	N/A	N/A	N/A
Top Raise Tripod														
800	48	58	70.5	72.5	71.5	73.25	75.25	74.25	73.75	75.75	23 (N5)	33 (N5)	70	84
Top Raise Economy														
900/TP-1	48	N/A	58	60	60	N/A	N/A	60.25	N/A	N/A	5 (N4)	N/A	48	N/A
Bottom Raise Remote														
1100	67.50	24	73.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15	7	84	40.5
1200	48	12	54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.5	5.5	84	40.5
Permanent Mount														
1300	N/A	N/A	9	11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Platform Mount														
1400	N/A	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Recessed Mount														
1800	Refer to Recessed Casting Measurements (pg L22)													
2300	Refer to Recessed Casting Measurements (pg L22)													
Lighthoods ("A")														
Head Only w/ handle	N/A	N/A	8.75	10.75	9.75	11.50	13.50	12.50	12.00	14.00	N/A	N/A	N/A	N/A
Head Only exceptions			Remote= 6		KS-I= 12.00			KS-II/III= 12.25						

Notes

- N1 Round crossbar on 900/TP-1 Series (Collins Dynamics®/KS-I, KS-II, KS-III w/ TP-1); triple FX is available on 900/TP-1 series only; square crossbar on 100-800 series (Kwik-Raze®)
- N3 Measured from 1300 series bottom of mounting base
- N4 Non or minimal telescoping (top-raise 600 is recommended for non-telescoping needs)
- N5 If ordering 800 Series at minimum pole length with TM (truck mount), add 1.5" to outer length to allow for TM mounting area
- N6 800 Series- 1.5" has already been added to top raise pole lengths which is then reflected in the overall length because the tripod legs hang 1.5" below outer pole in closed position
- N7 Top raise pole series (100, 200, 300, 800):
To allow proper clearance for coiled cord (which is **standard**),
 - If outer top raise pole "D" is greater than 40", then allow a minimum of 10" for poles (between inner "C" and outer "D" pole - i.e. 48" inner, 58" outer)
 - If outer top raise pole "D" is less than 40", then allow a minimum of 6" for poles (between inner "C" and outer "D" pole - i.e. 30" inner, 36" outer)
- N8 **Option:** Indicator switch- adding an indicator switch to a top-raise pole requires a 10" difference between inner and outer poles.
 - If outer top raise pole "D" is greater than 40", then allow a minimum of 10" for poles (between inner "C" and outer "D" pole - i.e. 48" inner, 58" outer)

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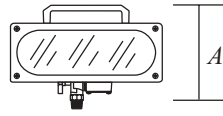
Ph: 800.524.9900 or 215.957.0720
E-mail: sales@havis.com

Fax: 215.957.0729
Web: http://www.havis.com

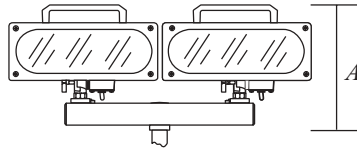
Special Pole Length Overall Stowed Measurement Configurator

See pages L11-L14 for lightheads and the chart to the left for measurements.

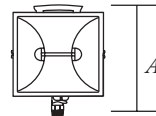
1. Determine desired lighthead ("A") See pages L11 - L14 for available lightheads



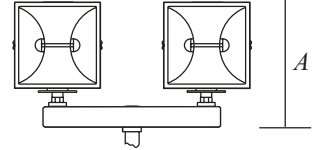
Magnafire 3000®



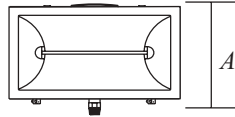
Dual Magnafire 3000®



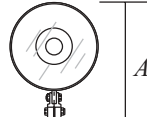
Stonco (KR-05)



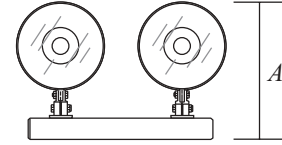
Dual Stonco (KR-05-2)



Stonco (KR-10/KR-15)

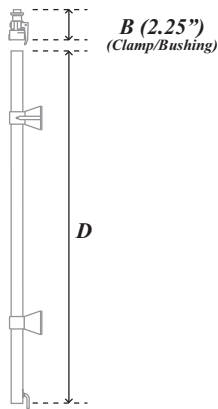


FX Series

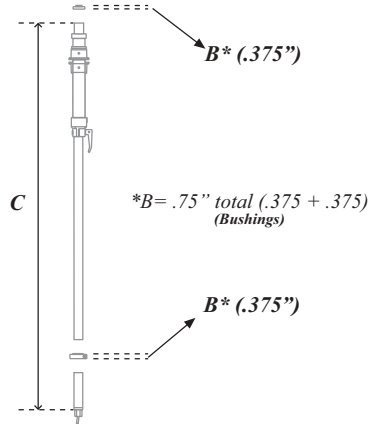


Dual FX Series

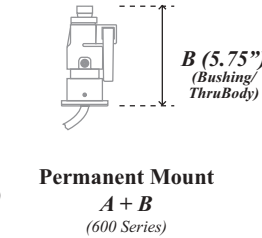
2. Determine inner "C" and outer "D" pole length (see chart to the left for standard/special lengths and notes). Use below equations (shown in order by series) to determine overall stowed light pole length.



Top-Raise (N7, N8)
 $A + B + D$
(100, 200, 300 Series)
(200 Series shown)

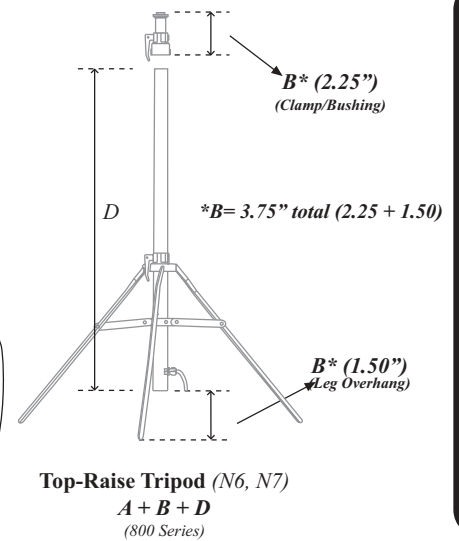


Bottom Raise
 $A + B + C$
(400, 500 Series)
(400 Series shown)

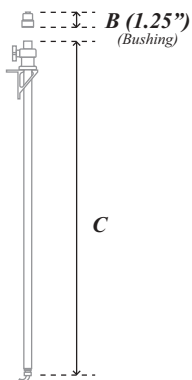


Permanent Mount
 $A + B$
(600 Series)

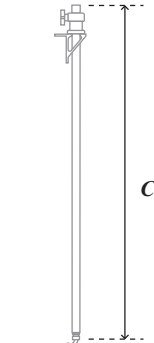
Portable Mount
(700 Series)
No applicable equation
(see chart on left)



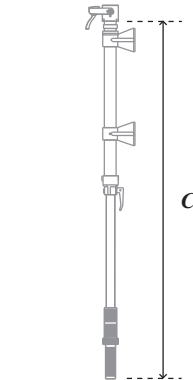
Top-Raise Tripod (N6, N7)
 $A + B + D$
(800 Series)



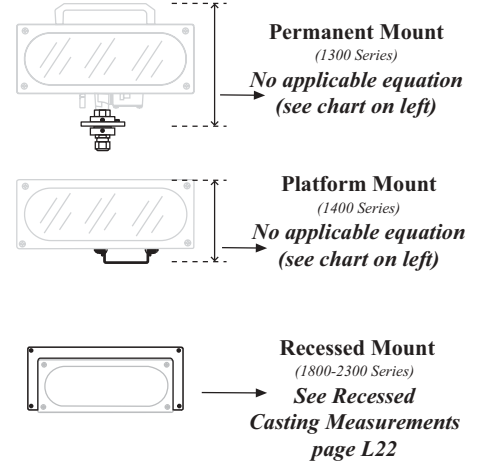
Top-Raise Economy
 $A + B + C$
(900 Series)



Top-Raise Economy
 $A (KS-I/KS-II) + C$
(TP-1)



Remote Bottom Raise
 $A (remote) + C$
(1100, 1200 Series)
(1100 Series shown)



Kwik-Raze DXF drawings are available on www.havis.com

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