



FEATURES

- **Ingenious Design:** Three different modular column design, free combinations. Multi-size and multi-style options.
- **Adjustability & Adaptability:** 360° rotatable for all modular columns. 30° ~ 70° vertical tilt to meet various lighting needs.
- **Durable Construction:** Die-cast aluminum housing. UV-resistant pure polyester powder coating.



The Rubik Pole Light features in three different modular column design offering unlimited options for urban and public realm illumination. Each column module can be joined together freely and can be rotated 360°. Provided with one integral floodlight to accentuate facades, trees, and other design elements in public spaces.

TECHNICAL DATA

Wattage	50W per one Column
	40W per one Chess
	25W per one Carlo
CCT	3000K, 4000K, 5000K
CRI	80
Driver	0-10V Dimming
Input Voltage	120-277V, 50/60H
Projected Lifetime	L70-100,000 hours
Operating Temperature	-22°F to 104°F (-30°C to 40°C)
Certifications	cETLus listed
	RoHS compliant
Power Factor	>0.9 at full load
Harmonic Distortion	<20% at full load
IP Rating	65
EPA (pole is not included)	1.44ft ² (column section)
	1.22ft ² (chess section)
	1.22ft ² (carlo section)

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNALM-79-08 as well as Lighting Facts listed.

WATTAGE	SECTION	LUMENS (lm)	CCT	CRI
50W	Column	3980lm	3000K	80
25W	Carlo	1500lm	3000K	80
40W	Chess	2120lm	3000K	80

DIMENSION

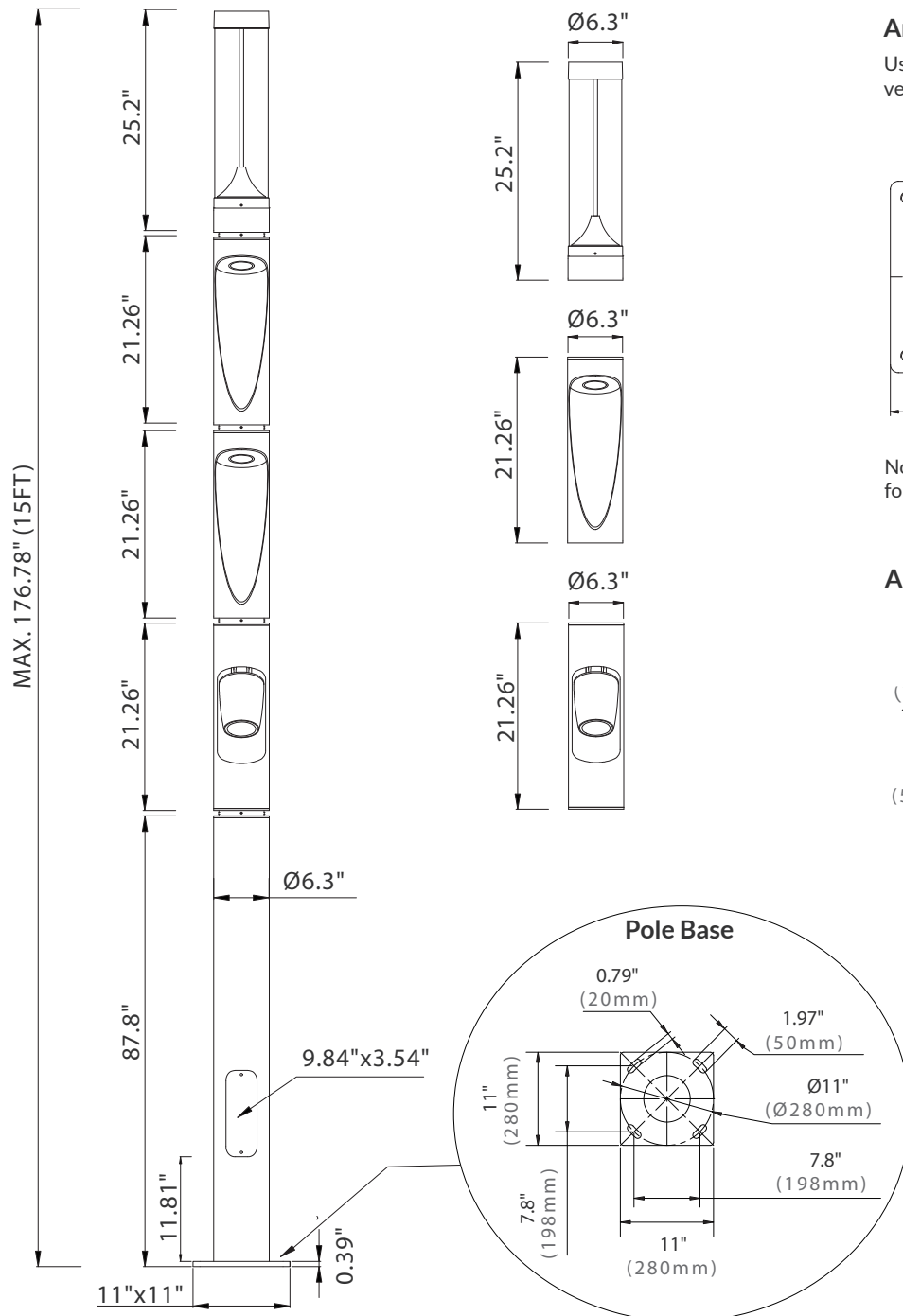
Projection Detail (Not to Scale)

Luminaire Wall Thickness: 0.079" (2mm)

Pole Wall Thickness: 0.126" (3.2mm)

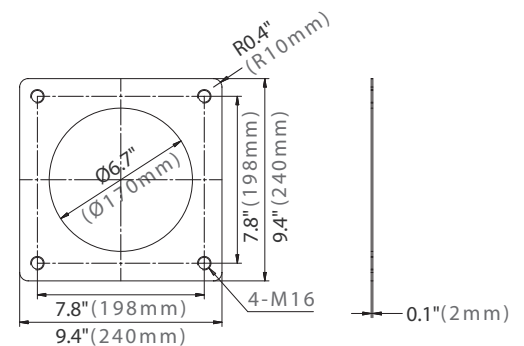
Full aluminum channel pole system, configurable up to 15FT.

Special Configuration and Pole Height - Contact Factory For Information.



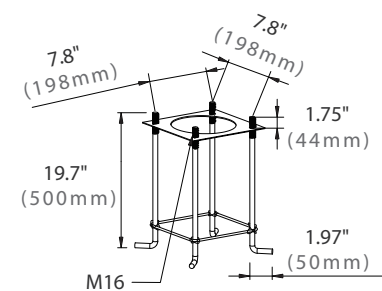
Anchor Bolt Plate

Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.



Note: Adequate drainage must be provided in concrete foundation.

Anchor Bolt Detail



ORDERING INFORMATION

EXAMPLE: RBK6-CO50-2CS40-CA25-24-SW801-BK

RBK6							
Series	Top Section	Middle Section ²	Bottom Section	CCT	CRI	Voltage	Finish
RBK6 Rubik Ø6.34" (161mm)	CO50¹ Column 50W	Blank None	Blank None	SW Selectable ³ 3000K 4000K 5000K	80 80CRI	1 120-277V	BK⁴ Black RAL#9005 BZ⁴ Bronze RAL#8019
	CS40 Chess 40W	#CS40 Chess 40W	CS40 Chess 40W				
	CA25-15 Carlo 25W,15°	#CA25-15 Carlo 25W,15°	CA25-15 Carlo 25W,15°				
	CA25-24 Carlo 25W,24°	#CA25-24 Carlo 25W,24°	CA25-24 Carlo 25W,24°				
	CA25-36 Carlo 25W,36°	#CA25-36 Carlo 25W,36°	CA25-36 Carlo 25W,36°				
	CA25-60 Carlo 25W,60°	#CA25-60 Carlo 25W,60°	CA25-60 Carlo 25W,60°				
   Column Chess Carlo							

NOTES:

¹ Column can only be chosen for top section.

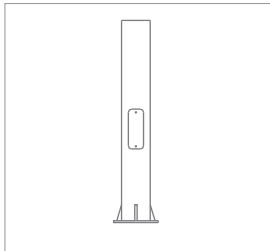
² Specify quantity #, it can be blank or 2. Blank indicates a quantity of 1. Multiple choices are allowed for middle section. If more than one option is specified, separate codes with a "+", e.g. CS40+CA25-24. The total number of middle sections is recommended to be no more than 2.

³ 4000K is default setting.

⁴ Black and bronze are standard. Custom color is available at an additional charge.

* Total wattage depends on how many sections are chosen.

ACCESSORIES (ORDER SEPARATELY)

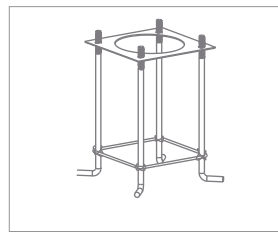


RBK6-ALRP-7FT-0.126-BK
 Aluminum round pole Ø6.34",
 7.32ft for 4 sections, wall
 thickness: 0.126", black.

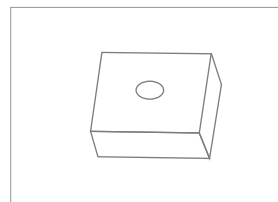
RBK6-ALRP-9FT-0.126-BK
 Aluminum round pole Ø6.34",
 9ft for 3 sections, wall thick-
 ness: 0.126", black.

RBK6-ALRP-11FT-0.126-BK
 Aluminum round pole Ø6.34",
 11ft for 2 sections, wall thick-
 ness: 0.126", black.

RBK6-ALRP-13FT-0.126-BK
 Aluminum round pole Ø6.34",
 13ft for 1 section, wall thick-
 ness: 0.126", black.



ABMK-M16-7.8
 Galvanized Anchor bolts
 mounting kits for round pole
 up to 18FT. Mounting hole
 7.8"x7.8", M16x19.7"(500mm)



PBC6-BK
 Pole Base Cover for Dia. 6.3"
 (O.D.)pole, Black.

* The height is only for the pole
 not including the top luminaire.

* They are MAX. height for 1 to
 4 sections. Please contact
 factory for special pole length.

* Pole finish color can be
 customized.

POLE DATA CHART

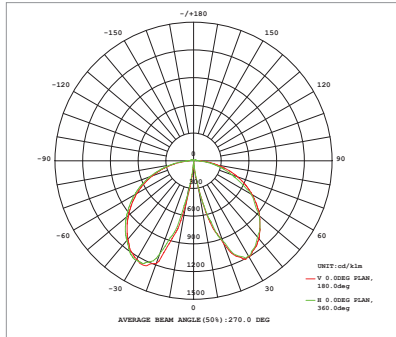
Pole Height	Wall Thicknes	Pole Diameter (O.D.)	Pole Material	Pole EPA	Max Basic Wind Speed
7.32ft	0.126"	Ø6.3"	Aluminum	5.70ft ²	180mph
9ft	0.126"	Ø6.3"	Aluminum	7.00ft ²	180mph
11ft	0.126"	Ø6.3"	Aluminum	8.56ft ²	180mph
13ft	0.126"	Ø6.3"	Aluminum	10.11ft ²	180mph

Notes:

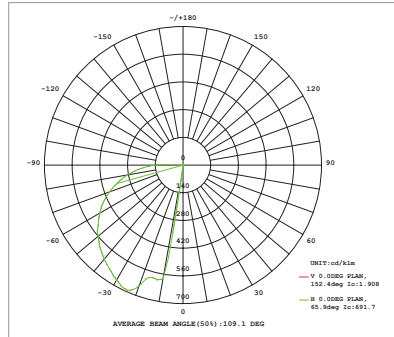
1. The wind speed datas are based on allowable design wind speed (VASD).
2. Rated performance is dependant upon the pole being properly attached to a supporting foundation of adequate design.

PHOTOMETRY

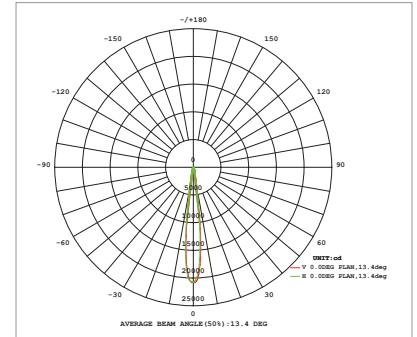
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



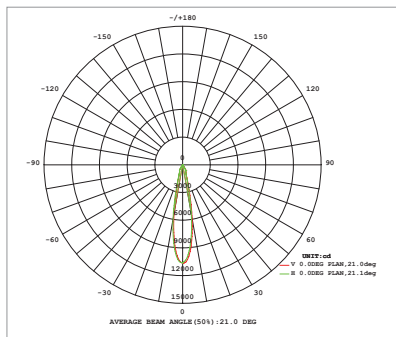
Column



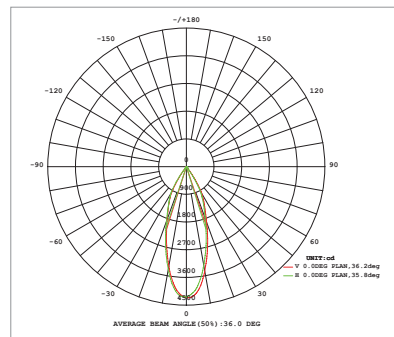
Chess



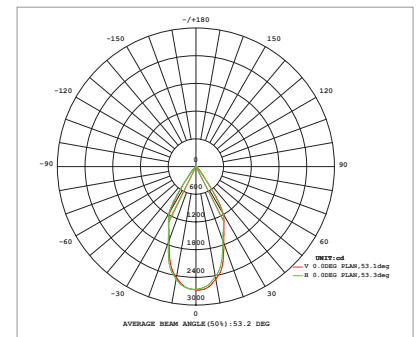
Carlo 15°



Carlo 24°

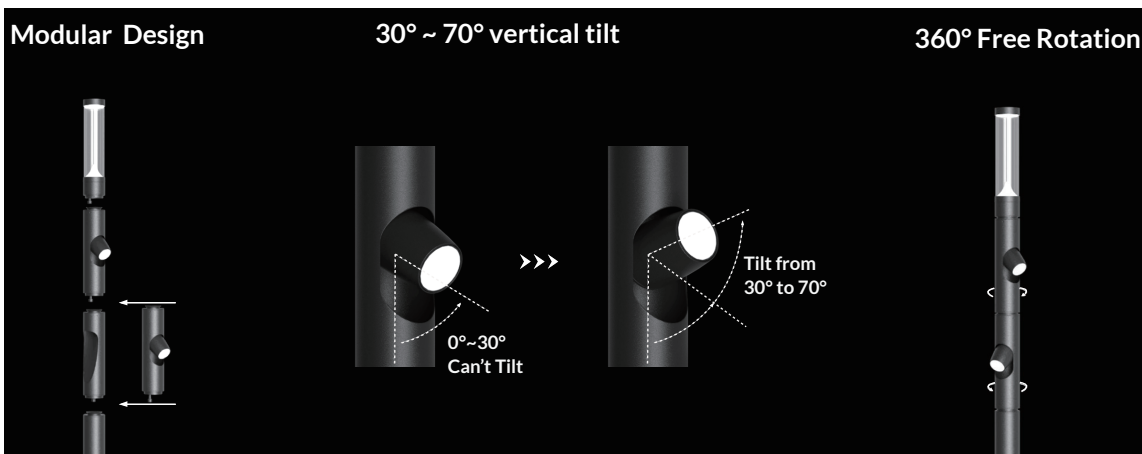


Carlo 36°



Carlo 60°

MULTIFUNCTIONAL



MODULAR COLUMN DESIGN

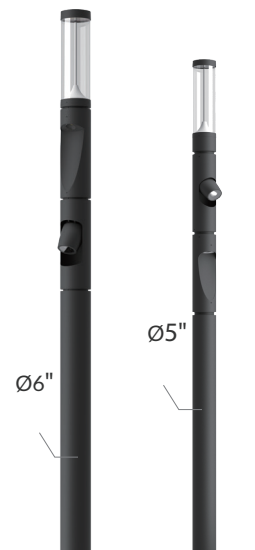
Various light columns can be combined freely.

30° ~ 70° VERTICAL TILT

30° ~ 70° vertical tilt to meet various lighting needs.

360° FREE ROTATION

Horizontal rotation adjustment for precise lighting direction control.



2 DIAMETER CHOICES

Please refer to the dimension drawing for actual size.