



The Carlo LED Pole Light combines unmatched flexibility with resilient durability for dynamic outdoor lighting solutions. Its fully customizable pole height and finish color allow seamless integration into any setting, while the luminaire's selection of beam angles and versatile mounting methods enable tailored illumination for diverse applications—from pathways and parking lots to architectural landscapes.

## TECHNICAL DATA

<b>Wattage</b>	Single luminaire
	20W, 30W, 40W
<b>CCT</b>	2700K, 3000K, 4000K, 5000K
<b>Beam Angle</b>	15°, 24°, 36°, 50°, H50°*V20°
<b>CRI</b>	80
<b>Driver</b>	0-10V Dimming
<b>Input Voltage</b>	120-277V, 50/60Hz
<b>Projected Lifetime</b>	L70-100,000 hours
<b>Operating Temp.</b>	-4°F to 113°F (-20°C to 45°C)
<b>Certifications</b>	cETLus listed
	RoHS compliant
<b>Power Factor</b>	>0.9 at full load
<b>Harmonic Distortion</b>	<20% at full load
<b>IP Rating</b>	65

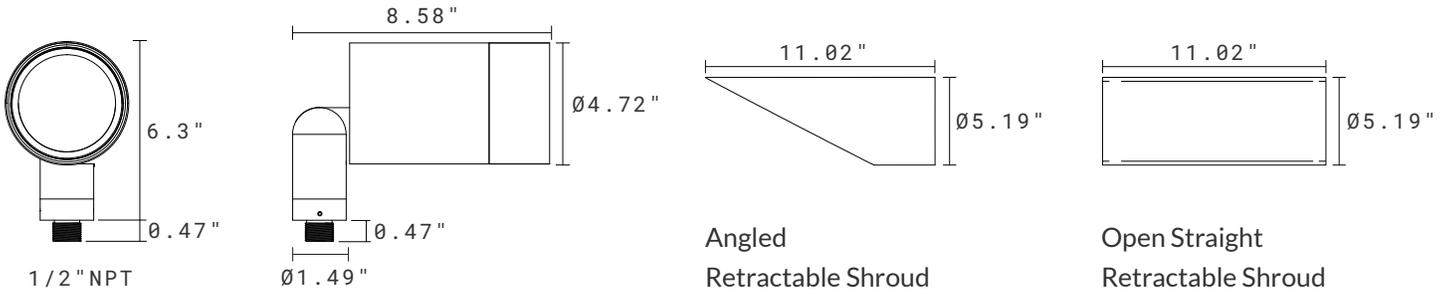
## FEATURES

- **Adjustability & Adaptability:** Customizable pole height and finish color. Selection of beam angles and mountings. 180° tilttable luminaire.
- **Durable Construction:** Die-cast aluminum housing. Polycarbonate Lens. Marine grade treatment available.
- **Smart Compatibility:** 0-10V dimming for enhanced control.
- **Visual Comfort Optimization:** Optional shrouds and honeycomb louvre for visual comfort.

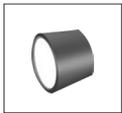
## SPECIFICATION

### Dimension

20W, 30W, 40W



### Shrouds



No Shroud



Angled Retractable Shroud



Open Straight Retractable Shroud

### Housing Color



Black  
RAL9011



White  
RAL9016



Gray  
RAL7012



Mineral  
Bronze



Silver  
RAL9006

## ORDERING INFORMATION

EXAMPLE: CARLO-C20301-50-KNS-AS-BK-1.8FT

CARLO									
Series	Wattage	CCT	Voltage	Beam Angle	Mounting	Shroud	Housing Color	Cable Length	Option
CARLO	<b>C20</b> COB 20W	<b>27</b> 2700K	<b>1</b> 120-277V	<b>15</b> 15°	<b>KNS</b> Knuckle with 1/2 threaded Stem	<b>NS</b> No shroud	<b>BK<sup>1</sup></b> Black RAL9011 <i>Black is the standard housing color. Custom colors are available at an additional charge.</i>	<b>1.8FT<sup>2</sup></b> 1.8ft cable is the standard cable length. Custom lengths are available at an additional charge.	<b>BLANK</b> None <b>M</b> Marine ambient corrosion resistance
	<b>C30</b> COB 30W	<b>30</b> 3000K		<b>24</b> 24°		<b>AS</b> Angled Retractable Shroud			
	<b>C40</b> COB 40W	<b>40</b> 4000K		<b>36</b> 36°		<b>OS</b> Open Straight Retractable Shroud			
		<b>50</b> 5000K		<b>50</b> 50°					
				<b>5020</b> H50° *V20°			<b>WH</b> White RAL9016		
							<b>GY</b> Gray RAL7012		
							<b>BZ</b> Mineral Bronze		
							<b>SL</b> Silver RAL9006		

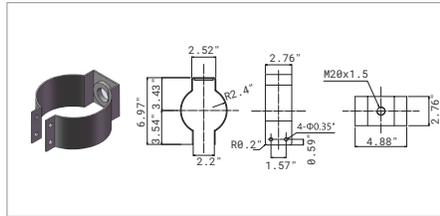
**NOTE:**

1. The standard finish color is black. Custom colors are available at an additional charge.
2. The standard cable length is 1.8ft. Custom cable lengths are available at an additional charge.

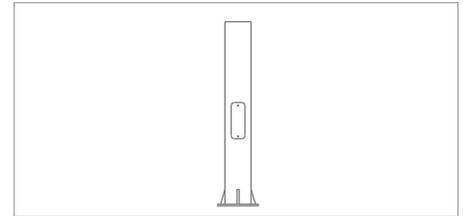
## ACCESSORIES (ORDERED SEPARATELY)



**HOFL-PCP-4-BK**  
 Pole Clamp for 1 or 2 fixtures,  
 Pole Dia. 4".



**HOFL-PCP-5-BK**  
 Pole Clamp for 1 fixture, black.  
 Pole Dia. 4.72"~5.12".



**CARLO-12FTPOLE-4-BK**

12ft pole, Dia. 4", Black.

**CARLO-14FTPOLE-4-BK**

14ft pole, Dia. 4", Black.

**CARLO-16FTPOLE-4-BK**

16ft pole, Dia. 4", Black.

**CARLO-18FTPOLE-4-BK**

18ft pole, Dia. 4", Black.

**CARLO-12FTPOLE-5-BK**

12ft pole, Dia. 5", Black.

**CARLO-14FTPOLE-5-BK**

14ft pole, Dia. 5", Black.

**CARLO-16FTPOLE-5-BK**

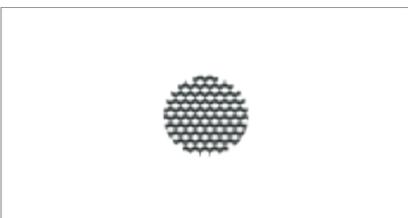
16ft pole, Dia. 5", Black.

**CARLO-18FTPOLE-5-BK**

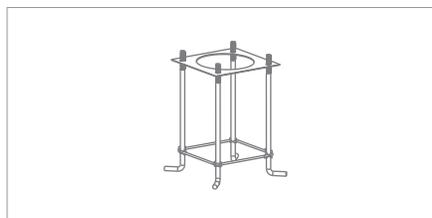
18ft pole, Dia. 5", Black.

*Custom pole heights and finish colors*

*available.*



**CARLO-HCL-04**  
 Aluminum Honeycomb Louver.



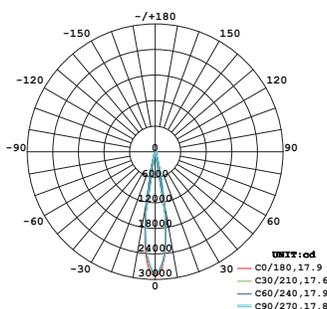
**ABMK-CARLO-14T18FT**  
 Anchor Bolts Mounting Kit for 14ft to  
 18ft pole light.

## PHOTOMETRY

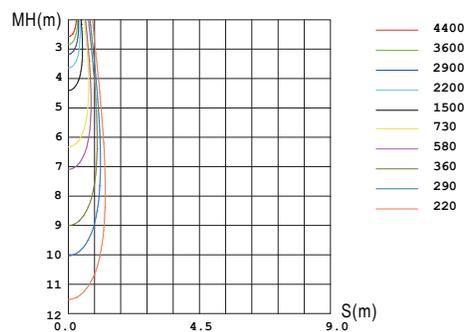
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

### 40W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT:lx)

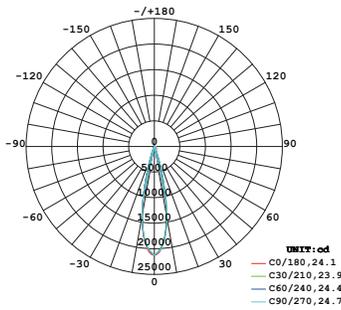


## PHOTOMETRY

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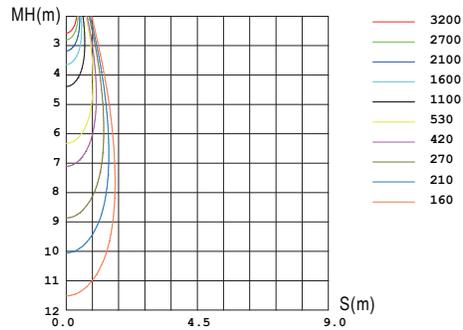
### 40W- 24°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



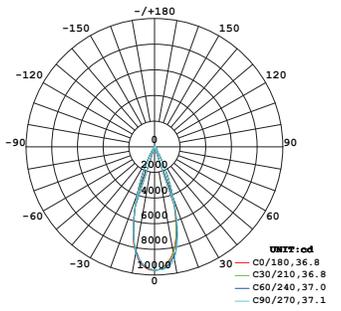
AVERAGE BEAM ANGLE(50%):24.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



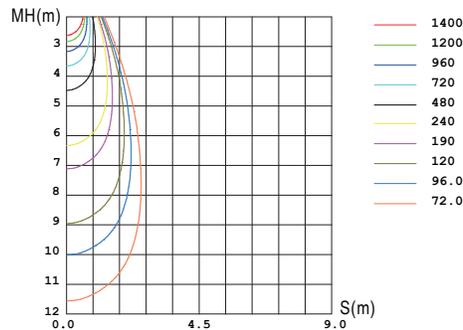
### 40W- 36°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



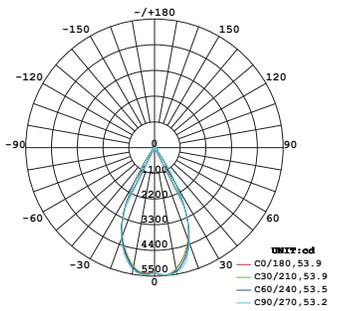
AVERAGE BEAM ANGLE(50%):36.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



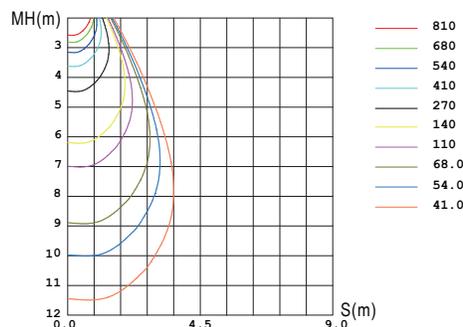
### 40W- 50°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):53.6 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

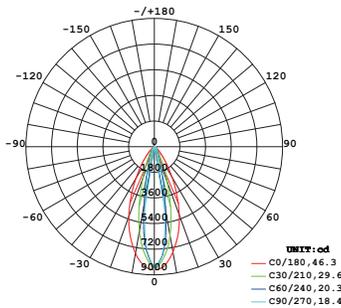


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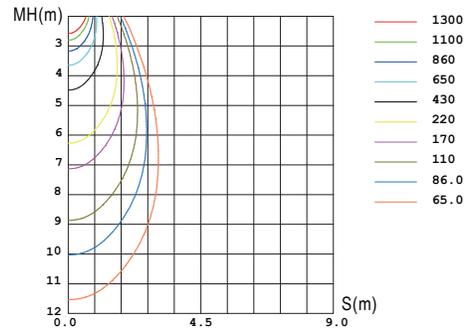
### 40W- H50°xV20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



## PERFORMANCE DATA

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

WATTAGE	BEAM ANGLE	LUMENS (lm)	CCT	CRI
20W	15°	2520lm	3000K	80
20W	24°	2161lm	3000K	80
20W	36°	2114lm	3000K	80
20W	50°	2131lm	3000K	80
20W	H50° x V20°	1608lm	3000K	80
30W	15°	2785lm	3000K	80
30W	24°	2936lm	3000K	80
30W	36°	2863lm	3000K	80
30W	50°	2936lm	3000K	80
30W	H50° x V20°	2159lm	3000K	80
40W	15°	3671lm	3000K	80
40W	24°	3958lm	3000K	80
40W	36°	3878lm	3000K	80
40W	50°	3924lm	3000K	80
40W	H50° x V20°	2878lm	3000K	80

## WARRANTY

Five year limited warranty.

Specifications subject to change without notice.