



The Carlo Accent Light is a compact, versatile LED fixture for precise illumination. Its 360° rotation and 180° tilt ensure exceptional positioning flexibility, while optional retractable shrouds and extended brackets allow broader vertical surface coverage. Available in multiple beam patterns and power options (4W-40W), it delivers controlled lighting for various applications with minimal spill.

TECHNICAL DATA

Wattage 4W, 8W, 10W, 15W, 20W, 30W, 40W

CCT 2700K, 3000K, 4000K, 5000K

Beam Angle (No shroud)

4W/8W 25°/35°/55°/H40°*V20°

10W/15W 15°/24°/36°/50°/H50°*V20°

20W/30W/40W 15°/24°/36°/50°/H50°*V20°

CRI 80

Driver

4W/8W/10W/15W TRIAC Dimming-standard

20W/30W/40W 0-10V Dimming

Input Voltage

4W/8W 120V/AC, 50/60Hz

10W/15W 120V/AC, 50/60Hz

20W/30W/40W 120-277V, 50/60Hz

Projected Lifetime L70-100,000 hours

Operating Temperature

4W/8W/10W/15W -40°F to 113°F (-40°C to 45°C)

20W/30W/40W -4°F to 113°F (-20°C to 45°C)

Certifications cETLus listed

RoHS compliant

Power Factor >0.9 at full load

Harmonic Distortion <20% at full load

IP Rating 65

FEATURES

- **Adjustability & Adaptability:** Selection of beam angles and mountings. 360° rotatable and 180° tiltable.
- **Durable Construction:** Die-cast aluminum housing. Polycarbonate Lens. Marine grade treatment available.
- **Visual Comfort Optimization:** Optional shrouds and honeycomb louvre for visual comfort.



Mounting

Canopy Cover



Knuckle with NPT 1/2" threaded stem



Ground Stake



Adjustable Stem



Pole Clamp



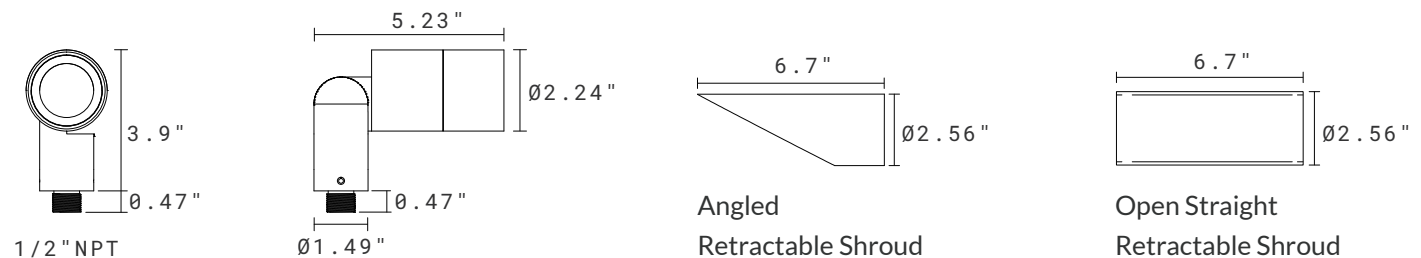
Tree Strap



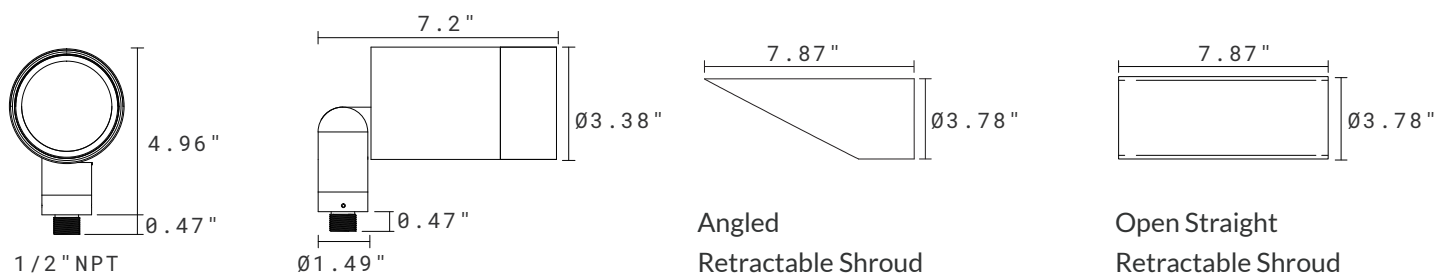
SPECIFICATION

Dimension

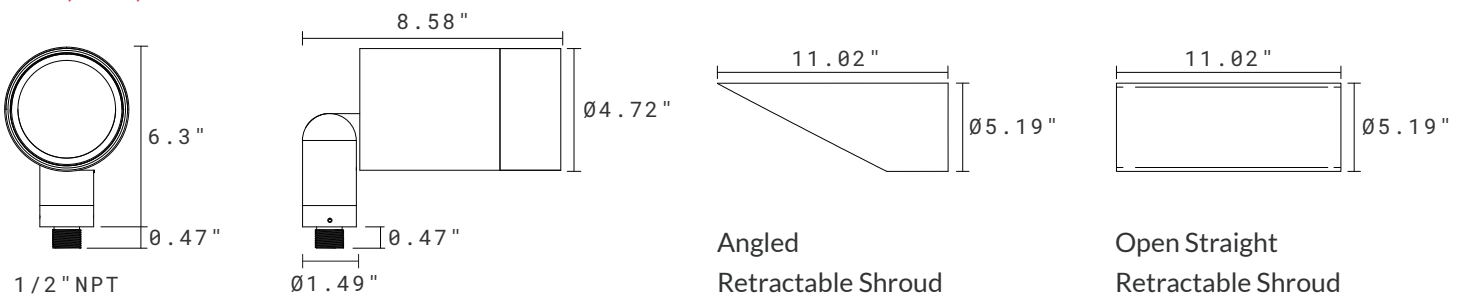
4W, 8W



10W, 15W



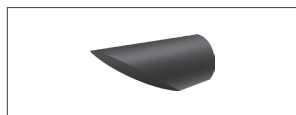
20W, 30W, 40W



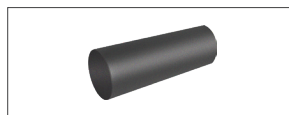
Shrouds



No Shroud



Angled Retractable Shroud



Open Straight Retractable Shroud

Housing Color



Black RAL9011



White RAL9016



Gray RAL7012



Mineral Bronze



Silver RAL9006

ORDERING INFORMATION

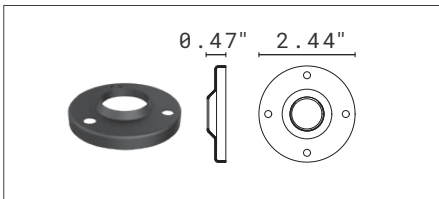
EXAMPLE: CARLO-C10304-50-KNS-AS-BK-1.8FT

CARLO									
Series	Wattage	CCT	Voltage	Beam Angle ¹	Mounting	Shroud	Housing Color	Cable Length	Option
CARLO	C04	27	4	25	KNS Knuckle with 1/2 threaded Stem	NS No shroud AS Angled Retractable Shroud OS Open Straight Retractable Shroud	BK ² Black RAL9011 <i>Black is the standard housing color. Custom colors are available at an additional charge.</i> WH White RAL9016 GY Gray RAL7012 BZ Mineral Bronze SL Silver RAL9006	1.8FT ³ <i>1.8ft cable is the standard cable length. Custom lengths are available at an additional charge.</i>	BLANK None M Marine ambient corrosion resistance
	COB 4W	2700K	120V/AC	25°					
	C08	30		35					
	COB 8W	3000K		35°					
		40		55					
		4000K		55°					
		50		4020					
		5000K		H40°V20°					
	C10	27	4	15					
	COB 10W	2700K	120V/AC	15°					
	C15	30		24					
	COB 15W	3000K		24°					
		40		36					
		4000K		36°					
		50		50					
		5000K		50°					
	C20	27	1	5020					
	COB 20W	2700K	120-277V	H50°V20°					
	C30	30							
	COB 30W	3000K							
	C40	40							
	COB 40W	4000K							
		50							
		5000K							

NOTE:

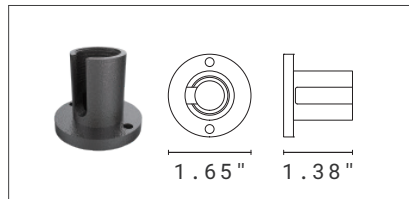
1. All beam angles listed apply to the luminaire without the shroud installed (NS).
2. The standard finish color is black. Custom colors are available at an additional charge.
3. The standard cable length is 1.8ft. Custom cable lengths are available at an additional charge.

ACCESSORIES (ORDERED SEPARATELY)



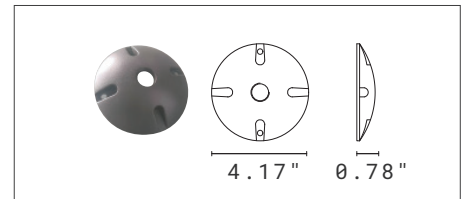
CARLO-SMK-A-BK

Black Surface Mounting Bracket,
Recommended for **C04/C08**.



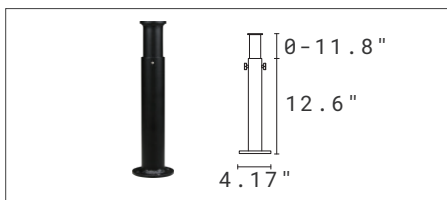
CARLO-SMK-B-BK

Black Surface Mounting Bracket,
Recommended for **C04/C08/C10/C15**.



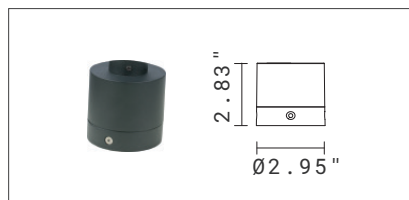
CARLO-SMK-C-BK

Black Surface Mounting Bracket,
Recommended for **C20/C30/C40**.



HOFL-ADJSM-BK

Black Adjustable Stem, up to 11.8".



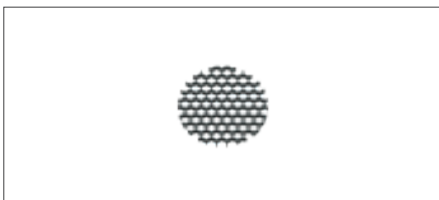
CARLO-CN-BK

Black Conopy Cover.



HOFL-TRSP

Tree Strap, clamping area Ø 5.9" ~ 11.9".



CARLO-HCL-02

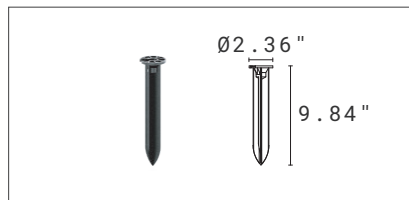
Aluminum Honeycomb Louver
for **C04/C08**.

CARLO-HCL-03

Aluminum Honeycomb Louver
for **C10/C15**.

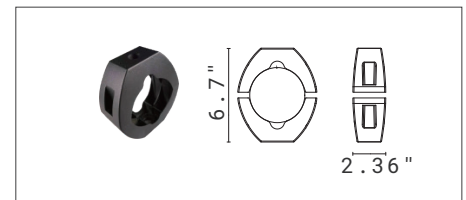
CARLO-HCL-04

Aluminum Honeycomb Louver
for **C20/C30/C40**.



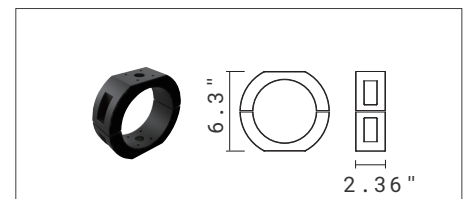
HOFL-GDSK-AL

Aluminum Ground stake,
Max loading ≤ 10kg,
Incapable in corrosive area.



HOFL-PCP-4-BK

Pole Clamp for 1 or 2 fixtures, black.
Pole Dia. 4".



HOFL-PCP-5-BK

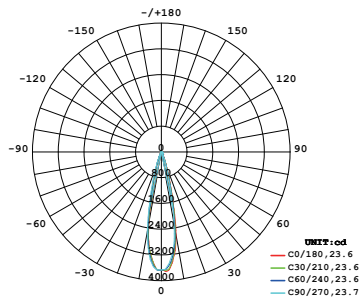
Pole Clamp for 1 or 2 fixtures, black.
Pole Dia. 5".

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.

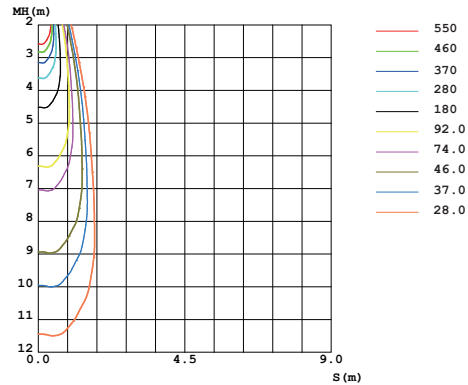
8W- 25°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



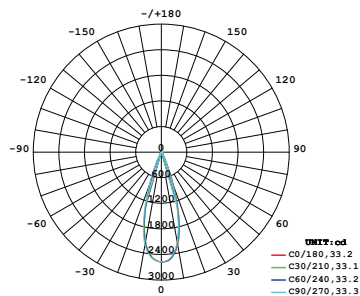
AVERAGE BEAM ANGLE(50%):23.6 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



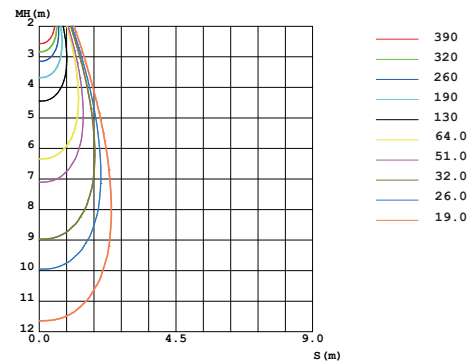
8W- 35°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



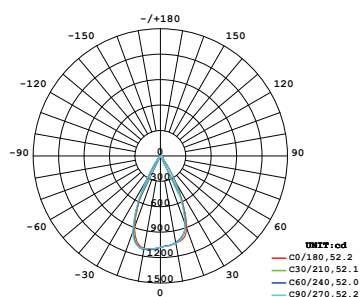
AVERAGE BEAM ANGLE(50%):33.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



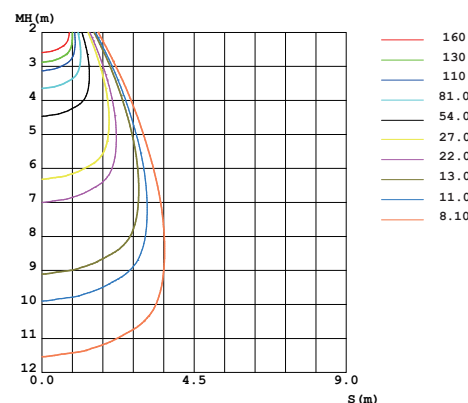
8W- 55°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):52.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

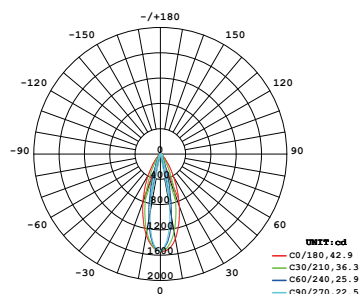


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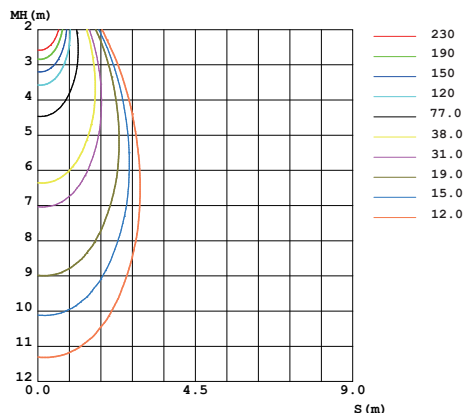
8W- H40° x V20°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



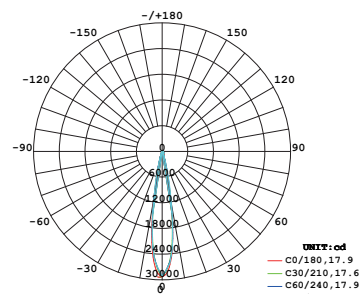
AVERAGE BEAM ANGLE(50%):31.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



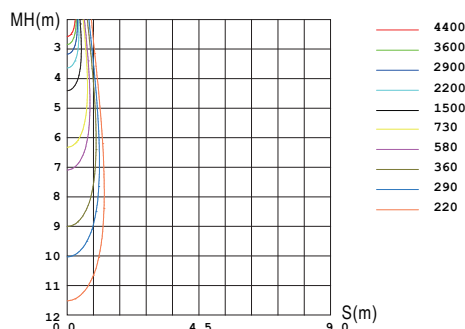
40W- 15°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



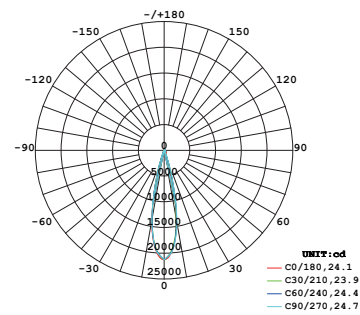
AVERAGE BEAM ANGLE(50%):17.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



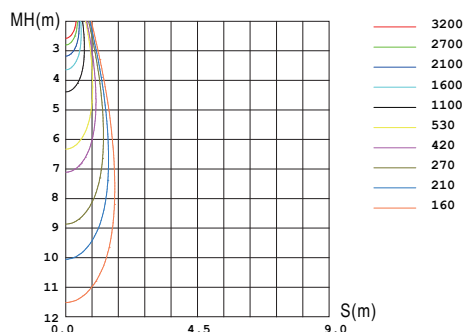
40W- 24°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):24.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

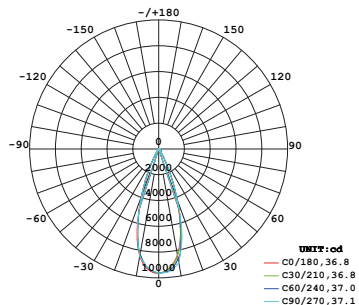


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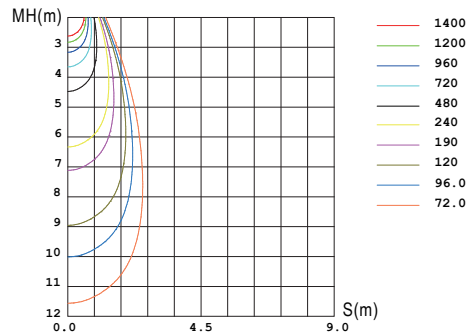
40W- 36°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



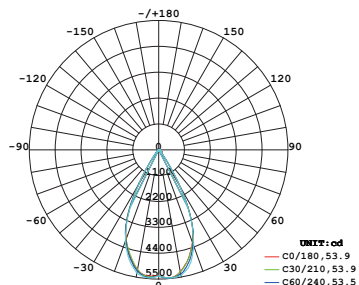
AVERAGE BEAM ANGLE(50%):36.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



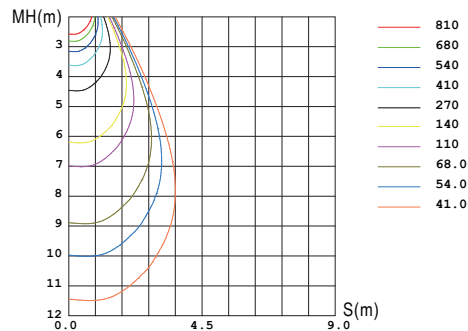
40W- 50°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



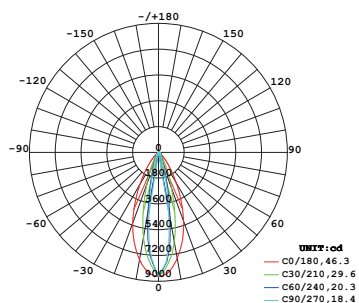
AVERAGE BEAM ANGLE(50%):53.6 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



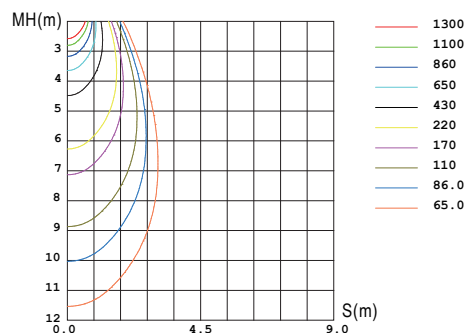
40W- H50° x V20°-NS

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 IESNALM-79-08 as well as Lighting Facts listed.

WATTAGE	BEAM ANGLE	LUMENS (lm)	CCT	CRI	WATTAGE	BEAM ANGLE	LUMENS (lm)	CCT	CRI
4W	25°	433lm	3000K	80	20W	15°	2520lm	3000K	80
4W	35°	478lm	3000K	80	20W	24°	2161lm	3000K	80
4W	55°	466lm	3000K	80	20W	36°	2114lm	3000K	80
4W	H40° x V20°	328lm	3000K	80	20W	50°	2131lm	3000K	80
					20W	H50° x V20°	1608lm	3000K	80
8W	25°	746lm	3000K	80	30W	15°	2785lm	3000K	80
8W	35°	823lm	3000K	80	30W	24°	2936lm	3000K	80
8W	55°	805lm	3000K	80	30W	36°	2863lm	3000K	80
8W	H40° x V20°	566lm	3000K	80	30W	50°	2936lm	3000K	80
					30W	H50° x V20°	2159lm	3000K	80
10W	15°	963lm	3000K	80	40W	15°	3671lm	3000K	80
10W	24°	1002lm	3000K	80	40W	24°	3958lm	3000K	80
10W	36°	997lm	3000K	80	40W	36°	3878lm	3000K	80
10W	50°	884lm	3000K	80	40W	50°	3924lm	3000K	80
10W	H50° x V20°	761lm	3000K	80	40W	H50° x V20°	2878lm	3000K	80
15W	15°	1246lm	3000K	80					
15W	24°	1291lm	3000K	80					
15W	36°	1281lm	3000K	80					
15W	50°	1121lm	3000K	80					
15W	H50° x V20°	998lm	3000K	80					

WARRANTY

Five year limited warranty.

Specifications subject to change without notice.