



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

**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

### Color Temperature

2700K 3000K 4000K 5000K

### Beam Angle (No shroud)

4W/8W

10W/15W/20W/30W/40W

25° 35° 55° H40°V20° 15° 24° 36° 50° H50°V20°

### Housing Color

**Standard Color**

Black RAL9011 Bronze RAL8019

**Premium Color**

Gray RAL7012 White RAL9016 Silver RAL9006 Custom RAL####

## Mounting

Wall/Surface Mount



Pole Clamp



## FEATURES

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

## ORDERING INFORMATION

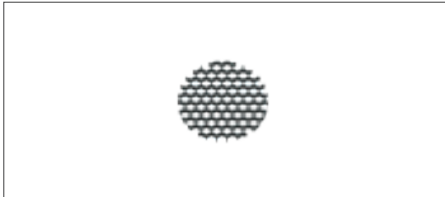
EXAMPLE: CARLO-C10304-50-KNS-AS-BK-1.8FT

| CARLO  |            |           |              |                         |                                                                                                                                     |             |                            |                                                                                           |                                                                                                                                     |
|--------|------------|-----------|--------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Series | Wattage    | CCT       | Voltage      | Beam Angle <sup>1</sup> | Fixture                                                                                                                             | Shroud      | Housing Color <sup>2</sup> | Cable Length                                                                              | Option                                                                                                                              |
| CARLO  | <b>C04</b> | <b>27</b> | <b>4</b>     | <b>25</b>               | <b>KNS</b>                                                                                                                          | <b>NS</b>   | <b>BK</b>                  | <b>1.8FT<sup>3</sup></b>                                                                  | <b>BLANK</b>                                                                                                                        |
|        | COB 4W     | 2700K     | 120V/AC      | 25°                     | Knuckle with                                                                                                                        | No shroud   | Black                      | 1.8ft is the standard cable length. Custom lengths are available at an additional charge. | None                                                                                                                                |
|        | <b>C08</b> | <b>30</b> | <b>TRIAC</b> | <b>35</b>               | 1/2 threaded                                                                                                                        | <b>AS</b>   | <b>RAL9011</b>             |                                                                                           | <b>M</b>                                                                                                                            |
|        | COB 8W     | 3000K     | Dimming      | 35°                     | Stem                                                                                                                                | Angled      | <b>BZ</b>                  |                                                                                           | Marine                                                                                                                              |
|        |            | <b>40</b> |              | <b>55</b>               | The following items are available as accessories and need to be ordered separately. Please refer to the accessory list for details. | Retractable | Bronze                     | The following colors are available at an additional charge. <sup>2</sup>                  | ambient                                                                                                                             |
|        |            | 4000K     |              | 55°                     |                                                                                                                                     | Shroud      | <b>RAL8019</b>             |                                                                                           | corrosion                                                                                                                           |
|        |            | <b>50</b> |              | <b>4020</b>             |                                                                                                                                     | <b>OS</b>   |                            |                                                                                           | resistance                                                                                                                          |
|        |            | 5000K     |              | H40°V20°                |                                                                                                                                     | Open        |                            |                                                                                           | The following items are available as accessories and need to be ordered separately. Please refer to the accessory list for details. |
|        |            |           |              |                         |                                                                                                                                     | Straight    |                            |                                                                                           |                                                                                                                                     |
|        |            |           |              |                         |                                                                                                                                     | Retractable |                            |                                                                                           |                                                                                                                                     |
|        |            |           |              |                         | <b>Pole Clamp</b>                                                                                                                   | Shroud      | <b>WH</b>                  |                                                                                           | <b>Honeycomb Louver</b>                                                                                                             |
|        | <b>C10</b> | <b>27</b> | <b>4</b>     | <b>15</b>               | <b>Surface Mounting Bracket</b>                                                                                                     |             | White                      |                                                                                           |                                                                                                                                     |
|        | COB 10W    | 2700K     | 120V/AC      | 15°                     |                                                                                                                                     |             | <b>RAL9016</b>             |                                                                                           |                                                                                                                                     |
|        | <b>C15</b> | <b>30</b> | <b>TRIAC</b> | <b>24</b>               |                                                                                                                                     |             | <b>GY</b>                  |                                                                                           |                                                                                                                                     |
|        | COB 15W    | 3000K     | Dimming      | 24°                     |                                                                                                                                     |             | Gray                       |                                                                                           |                                                                                                                                     |
|        |            | <b>40</b> |              | <b>36</b>               |                                                                                                                                     |             | <b>RAL7012</b>             |                                                                                           |                                                                                                                                     |
|        |            | 4000K     |              | 36°                     |                                                                                                                                     |             | <b>SL</b>                  |                                                                                           |                                                                                                                                     |
|        |            | <b>50</b> |              | <b>50</b>               |                                                                                                                                     |             | Silver                     |                                                                                           |                                                                                                                                     |
|        |            | 5000K     |              | 50°                     |                                                                                                                                     |             | <b>RAL9006</b>             |                                                                                           |                                                                                                                                     |
|        | <b>C20</b> | <b>27</b> | <b>1</b>     | <b>5020</b>             |                                                                                                                                     |             | <b>CC</b>                  |                                                                                           |                                                                                                                                     |
|        | COB 20W    | 2700K     | 120-277V     | H50°V20°                |                                                                                                                                     |             | Custom Colors              |                                                                                           |                                                                                                                                     |
|        | <b>C30</b> | <b>30</b> | 0-10V        |                         |                                                                                                                                     |             | (Provide RAL#)             |                                                                                           |                                                                                                                                     |
|        | COB 30W    | 3000K     | Dimming      |                         |                                                                                                                                     |             |                            |                                                                                           |                                                                                                                                     |
|        | <b>C40</b> | <b>40</b> |              |                         |                                                                                                                                     |             |                            |                                                                                           |                                                                                                                                     |
|        | COB 40W    | 4000K     |              |                         |                                                                                                                                     |             |                            |                                                                                           |                                                                                                                                     |
|        |            | <b>50</b> |              |                         |                                                                                                                                     |             |                            |                                                                                           |                                                                                                                                     |
|        |            | 5000K     |              |                         |                                                                                                                                     |             |                            |                                                                                           |                                                                                                                                     |

## NOTE:

1. All beam angles listed apply to the luminaire without the shroud installed (NS).
2. Black RAL9011 and Bronze RAL8019 are standard finishes at no extra cost. Setup fees apply for White RAL9016, Gray RAL7012, Silver RAL9006 and other custom finishes.
3. The standard cable length is 1.8ft. Custom cable lengths are available at an additional charge.

## ACCESSORIES (ORDERED SEPARATELY)



### 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.

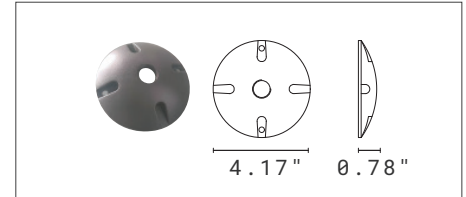


### HOFL-PCP-4-BK

Pole Clamp for Ø4" pole, fits 1 or 2 fixtures,  
black.

### HOFL-PCP-5-BK

Pole Clamp for Ø5" pole, fits 1 or 2 fixtures,  
black.



### CARLO-SMK-C-BK

Black Surface Mounting Bracket.

## PERFORMANCE DATA

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

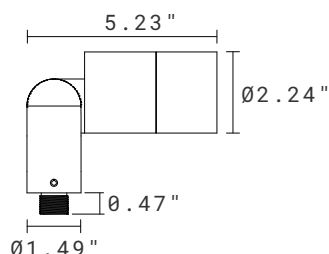
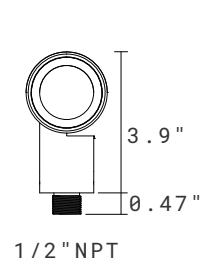
| WATTAGE | BEAM ANGLE  | LUMENS (lm) | CCT   | CRI |
|---------|-------------|-------------|-------|-----|
| 4W      | 25°         | 433lm       | 3000K | 80  |
| 4W      | 35°         | 478lm       | 3000K | 80  |
| 4W      | 55°         | 466lm       | 3000K | 80  |
| 4W      | H40° x V20° | 328lm       | 3000K | 80  |
| 8W      | 25°         | 746lm       | 3000K | 80  |
| 8W      | 35°         | 823lm       | 3000K | 80  |
| 8W      | 55°         | 805lm       | 3000K | 80  |
| 8W      | H40° x V20° | 566lm       | 3000K | 80  |
| 10W     | 15°         | 963lm       | 3000K | 80  |
| 10W     | 24°         | 1002lm      | 3000K | 80  |
| 10W     | 36°         | 997lm       | 3000K | 80  |
| 10W     | 50°         | 884lm       | 3000K | 80  |
| 10W     | H50° x V20° | 761lm       | 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  |

| 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  |

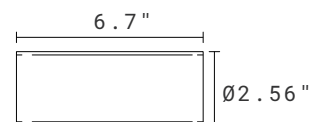
## SPECIFICATION

### Dimension

#### 4W, 8W

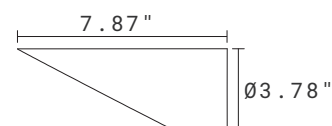
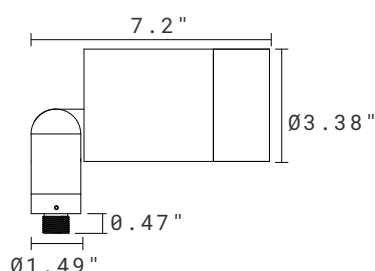
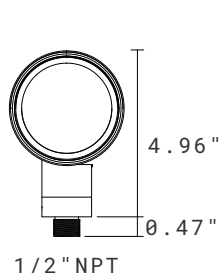


Angled  
Retractable Shroud

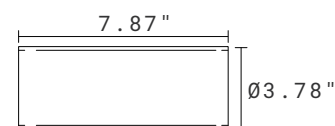


Open Straight  
Retractable Shroud

#### 10W, 15W

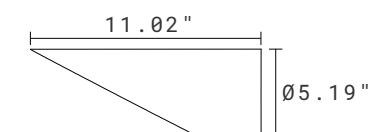
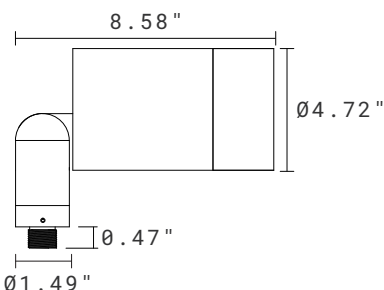
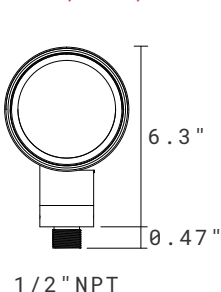


Angled  
Retractable Shroud

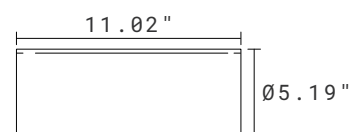


Open Straight  
Retractable Shroud

#### 20W, 30W, 40W



Angled  
Retractable Shroud



Open Straight  
Retractable Shroud

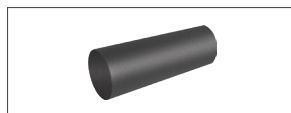
### Shrouds



No Shroud



Angled Retractable Shroud



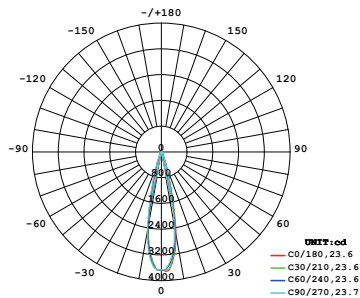
Open Straight Retractable Shroud

## 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.

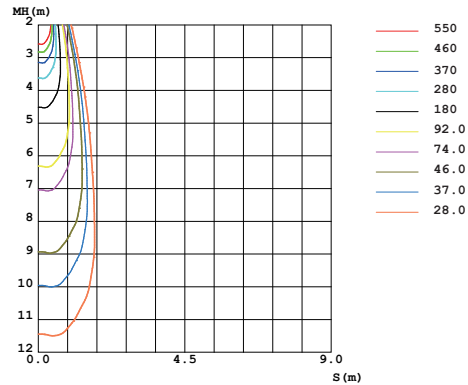
### 8W- 25°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



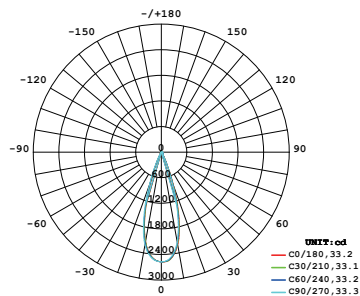
AVERAGE BEAM ANGLE(50%):23.6 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



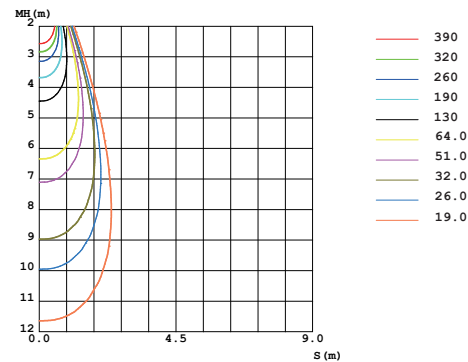
### 8W- 35°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



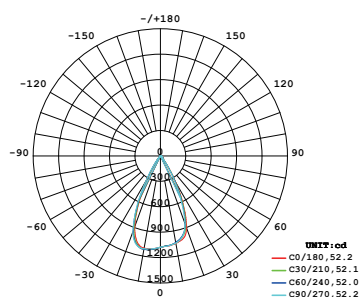
AVERAGE BEAM ANGLE(50%):33.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



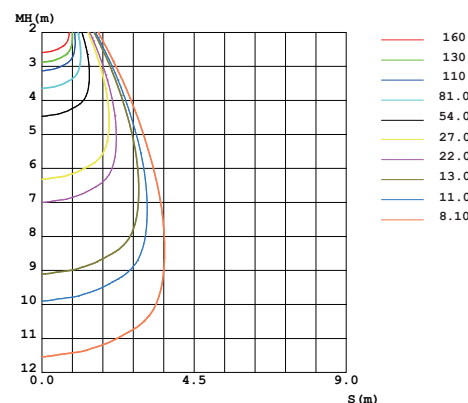
### 8W- 55°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):52.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

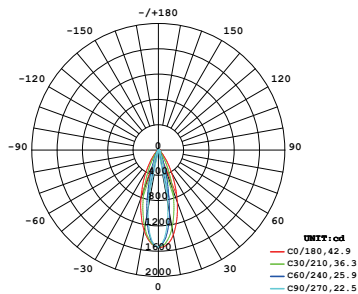


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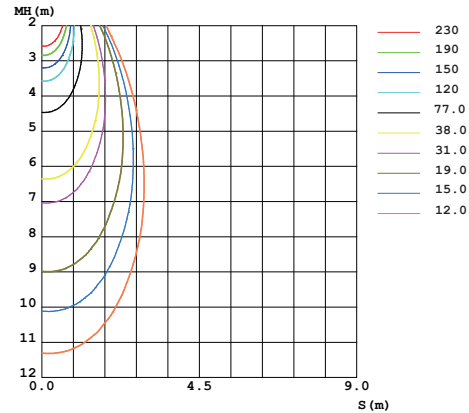
### 8W- H40° x V20°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



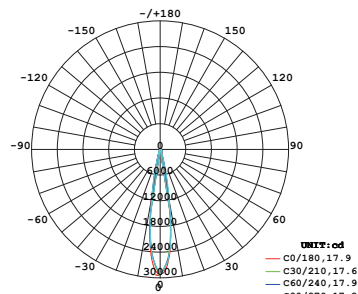
AVERAGE BEAM ANGLE(50%):31.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



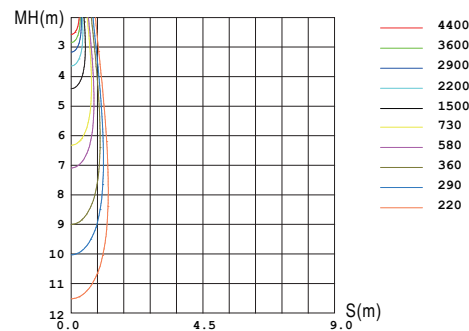
### 40W- 15°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



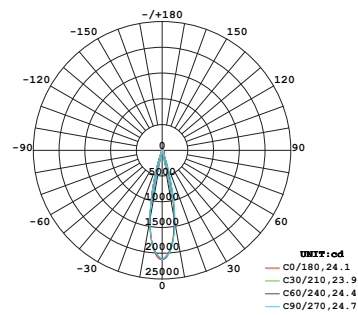
AVERAGE BEAM ANGLE(50%):17.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



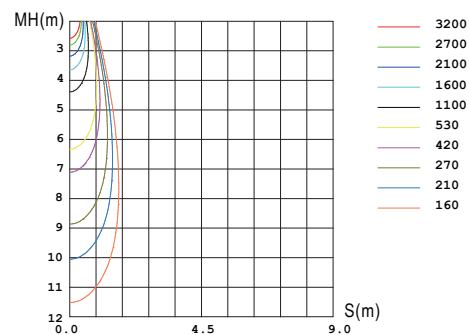
### 40W- 24°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):24.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

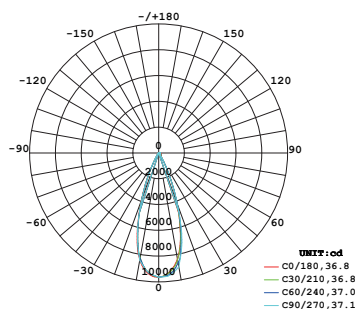


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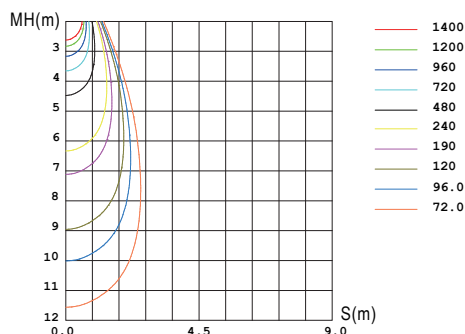
### 40W- 36°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



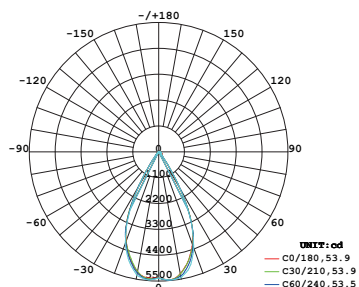
AVERAGE BEAM ANGLE(50%):36.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



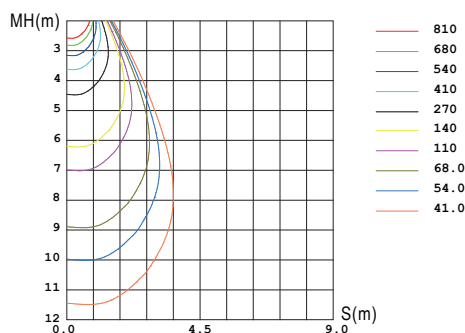
### 40W- 50°-NS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



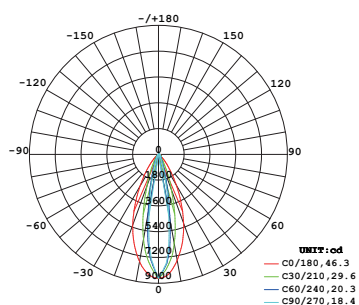
AVERAGE BEAM ANGLE(50%):53.6 DEG

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)

