



CARLO LED ACCENT LIGHT



PRODUCT DESCRIPTION

The CARLO Accent Light is a compact and versatile LED accent light, designed to provide precise illumination. Its slim profile allows it to blend seamlessly into any environment. The fixture is 360° rotatable and horizontally 180° tiltable, offering exceptional flexibility for directing light where it's needed. It comes with various accessories, including retractable shrouds and extended mounting brackets for broader coverage of vertical surfaces. Multiple beam patterns are available, including oval beam angles (e.g., 40° x 20°, 50° x 20°), delivering efficient, controlled lighting that highlights architectural features and landscapes while minimizing light spill. With a wide range of input power options from 4W to 40W, the CARLO Accent LED Light provides a customizable solution for various lighting needs. Rated IP65. TRIAC dimming standard.

FEATURES

- Heavy duty cast aluminum housing
- Tempered glass front cover
- Polycarbonate Lens
- Multiple mounting mechanisms
- Marine grade treatment available

ELECTRICAL SYSTEM

- Input Voltage: 120V/AC, 120-277V/AC, 50/60Hz
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

PERFORMANCE

CRI
80

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

Dimming

C04/C08/C10/C15
 TRIAC dimming standard
 C20/C30/C40
 0-10V Dimming

Projected Lifetime
L70 - 100,000 Hours

Working Temperature

C04/C08/C10/C15
-40°C~45°C (-40°F ~113°F)

C20/C30/C40
-20°C~45°C (-4°F ~113°F)

Certifications

- cETLus
- IP65 rated
- RoHS compliant

MOUNTING



Canopy Cover



Knuckle
with NPT 1/2"
threaded stem



Ground stake



Adjustable Stem



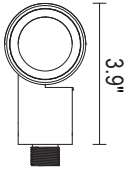
Pole clamp



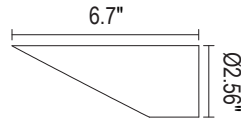
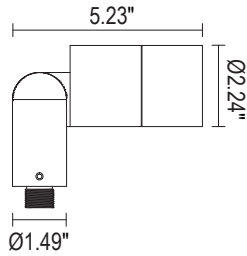
Tree strap

DIMENSION

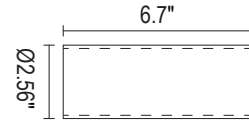
4W,8W



1/2" NPT

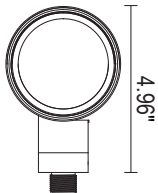


Angled retractable shroud

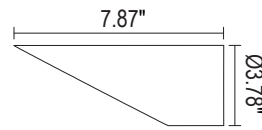
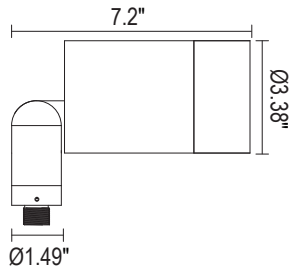


Open straight retractable shroud

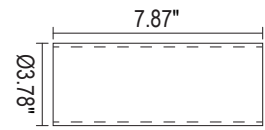
10W,15W



1/2"NPT

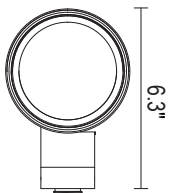


Angled retractable shroud

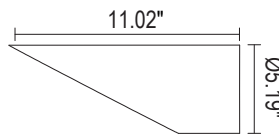
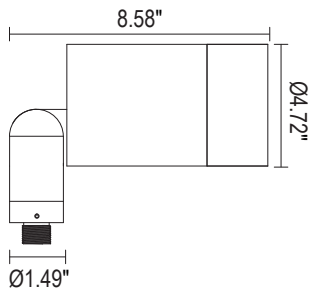


Open straight retractable shroud

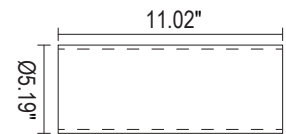
20W,30W,40W



1/2"NPT











Angled retractable shroud



Open straight retractable shroud

Ordering Information

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

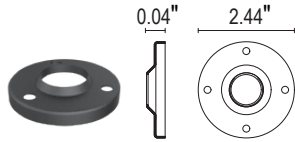
| Name | -Wattage | CCT | Voltage | - Beam Angle | - Mounting | - Shroud | - Housing Color | - Cable Length | -Option |
|--------------|------------|-------------------------|---|---|--|--|---|----------------|---|
| CARLO | C04 | 27 | 4 120V/AC | 15 | KNS Knuckle with 1/2 threaded stem | NS |  BK Black RAL9011 | 1.8FT* | Blank None M Marine ambient corrosion resistance |
| | COB 4W | 2700K | | 15 ° | | No Shroud | | | |
| | C08 | 30 | | 25 | |  | | | |
| | COB 8W | 3000K | 25 ° | AS | | * Black (standard color) Other finish colors are available at an additional charge. | | | |
| | | 40 | 30 | Angled Retractable Shroud | | | | | |
| | | 4000K | 30 ° |  | | | | | |
| | | 50 | 4020 | H40 ° x V20 ° | | OS |  WH White RAL9016 | | |
| | C10 | 27 | 4 120V/AC | 15 | | Open Straight Retractable Shroud | | | |
| | COB 10W | 2700K | | 15 ° | |  | | | |
| | C15 | 30 | | 24 | |  GY Gray RAL7012 | | | |
| | COB 15W | 3000K | 24 ° | | | | | | |
| | | 40 | 36 |  SL Silver RAL9006 | | | | | |
| | 4000K | 36 ° | | | | | | | |
| | 50 | 50 |  BZ Mineral bronze | | | | | | |
| | 5000K | 50 ° | | | | | | | |
| | | 5020 | | | | | | | |
| | | | H50 ° x V20 ° | | | | | | |
| C20 | 27 | 1 120-277V/AC | 15 | | | | | | |
| COB 20W | 2700K | | 15 ° | | | | | | |
| C30 | 30 | | 24 | | | | | | |
| COB 30W | 3000K | 24 ° | | | | | | | |
| C40 | 40 | | 36 | | | | | | |
| COB 40W | 4000K | | 36 ° | | | | | | |
| | 50 | | 50 | | | | | | |
| | 5000K | 50 ° | | | | | | | |
| | | | 5020 | | | | | | |
| | | | H50 ° x V20 ° | | | | | | |

Notes:

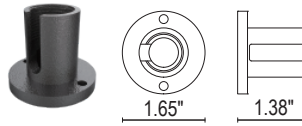
* Black finish is standard. Customized color is available at an additional charge.

* Standard cable length is 1.8FT. Other cable lengths are available at an additional charge.

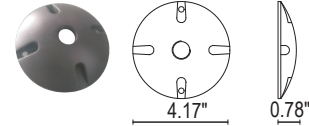
Accessories (Ordered separately)



CARLO-SMK-A-BK
Black Surface Mounting Bracket
Recommended for **C04/C08**



CARLO-SMK-B-BK
Black Surface Mounting Bracket
Recommended for **C04/C08** or
C10/C15



CARLO-SMK-C-BK
Black Surface Mounting Bracket
Recommended for **C20/C30/C40**



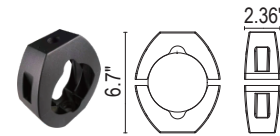
CARLO-HCL-02
Aluminum Honeycomb
louvers for **C04/C08**

CARLO-HCL-03
Aluminum Honeycomb
louvers for **C10/C15**

CARLO-HCL-04
Aluminum Honeycomb
louvers for **C20/C30/C40**



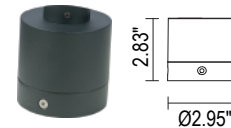
HOFL-GDSK-AL
Aluminum Ground stake
Max loading $\leq 10\text{kg}$
Incapable in corrosive area



HOFL-PCP-4-BK
Black Pole clamp for one or two
fixtures. Pole Dia. 3.7"~3.9"



HOFL-ADJSM-BK
Black Adjustable Stem
Up to 11.8"



CARLO-CN-BK
Black Canopy Cover



HOFL-TRSP
Tree strap
Clamping area
 $\varnothing 5.9" \sim 11.9"$

PERFORMANCE DATA

LUMEN OUTPUT

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

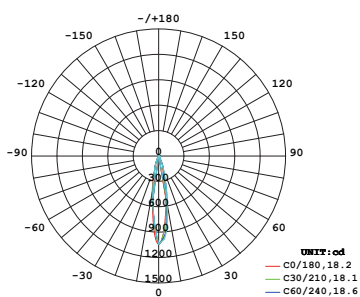
| Watts | Beam Angle | Delivered Lumen | CCT | CRI | Watts | Beam Angle | Delivered Lumen | CCT | CRI | |
|-------|---------------|-----------------|-------|-----|---------------|---------------|-----------------|-------|-------|-------|
| 4W | 15 ° | 173 | 3000K | 80 | 20W | 15 ° | 2025 | 3000K | 80 | |
| | 25 ° | 168 | 3000K | 80 | | 24 ° | 2161 | 3000K | 80 | |
| | 30 ° | 172 | 3000K | 80 | | 36 ° | 2114 | 3000K | 80 | |
| | H40 ° x V20 ° | 167 | 3000K | 80 | | 50 ° | 2131 | 3000K | 80 | |
| 8W | 15 ° | 293 | 3000K | 80 | | H50 ° x V20 ° | 1608 | 3000K | 80 | |
| | 25 ° | 280 | 3000K | 80 | | | 30W | 15 ° | 2785 | 3000K |
| | 30 ° | 288 | 3000K | 80 | 24 ° | | | 2936 | 3000K | 80 |
| | H40 ° x V20 ° | 259 | 3000K | 80 | 36 ° | | | 2863 | 3000K | 80 |
| 10W | 15 ° | 963 | 3000K | 80 | 50 ° | | | 2936 | 3000K | 80 |
| | 24 ° | 1002 | 3000K | 80 | H50 ° x V20 ° | 2159 | 3000K | 80 | | |
| | 36 ° | 997 | 3000K | 80 | | 40W | 15 ° | 3671 | 3000K | 80 |
| | 50 ° | 884 | 3000K | 80 | | | 24 ° | 3958 | 3000K | 80 |
| | H50 ° x V20 ° | 761 | 3000K | 80 | | | 36 ° | 3878 | 3000K | 80 |
| 15W | 15 ° | 1246 | 3000K | 80 | 50 ° | | 3924 | 3000K | 80 | |
| | 24 ° | 1291 | 3000K | 80 | H50 ° x V20 ° | 2878 | 3000K | 80 | | |
| | 36 ° | 128 | 3000K | 80 | | PHOTOMETRY | | | | |
| | 50 ° | 1121 | 3000K | 80 | | | | | | |
| | H50 ° x V20 ° | 998 | 3000K | 80 | | | | | | |

PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

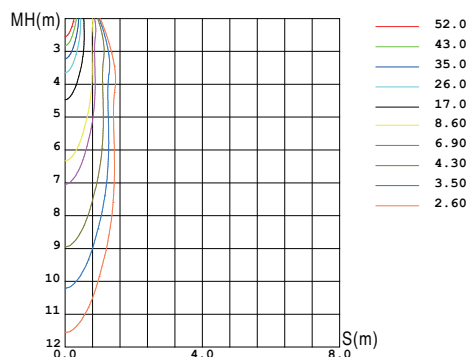
4W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):18.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

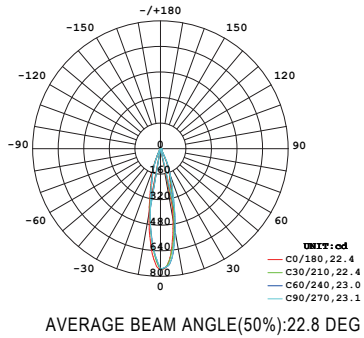


PHOTOMETRY

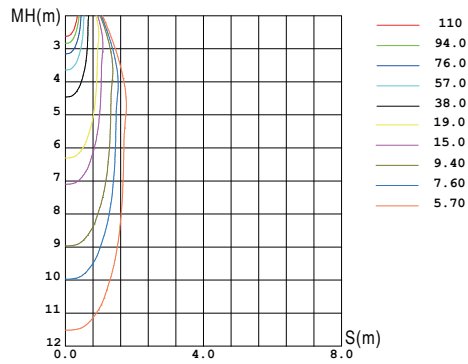
All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

4W- 25°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

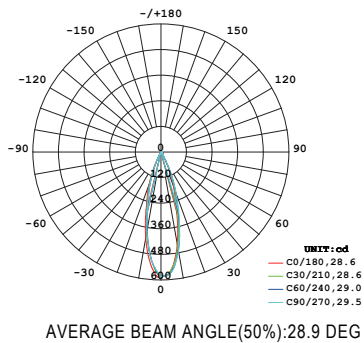


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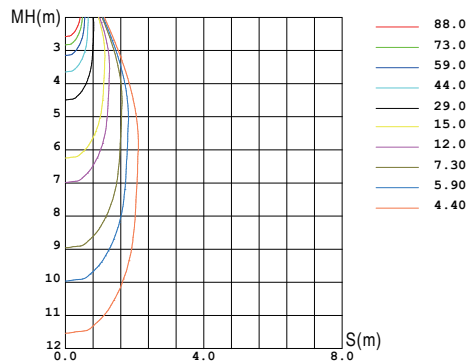


4W- 30°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

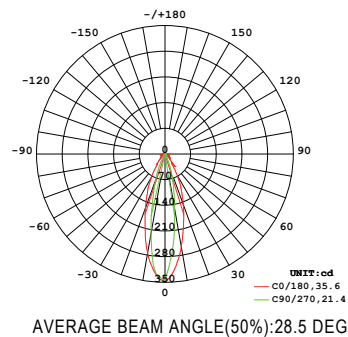


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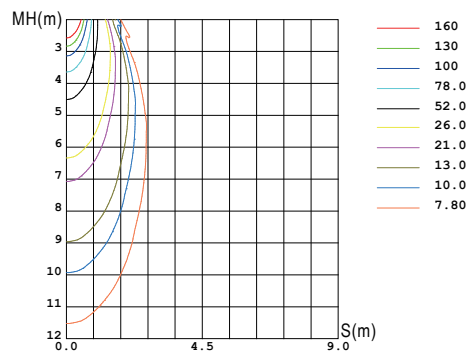


4W- H40°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

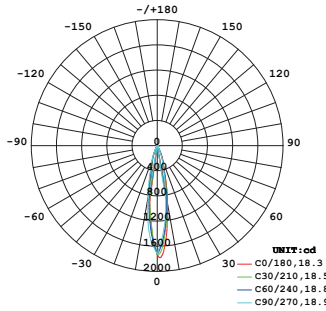


PHOTOMETRY

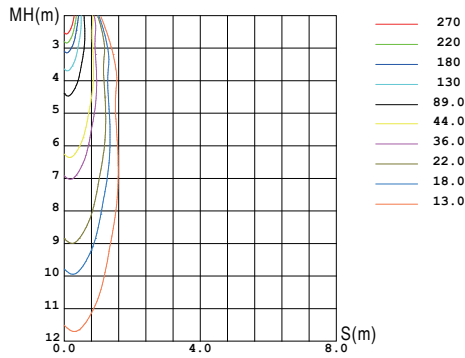
All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

8W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

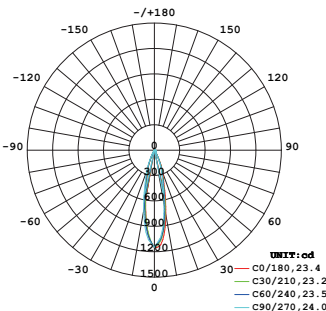


C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

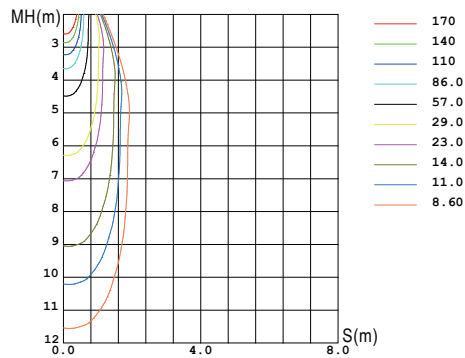


8W- 25°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

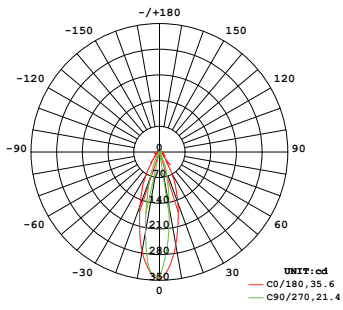


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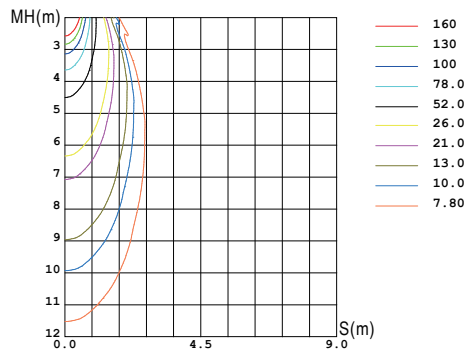


8W- 30°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

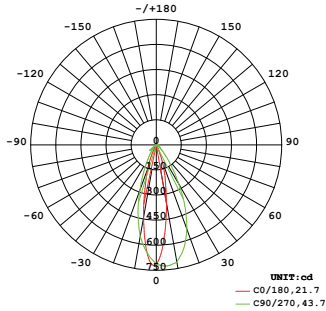


PHOTOMETRY

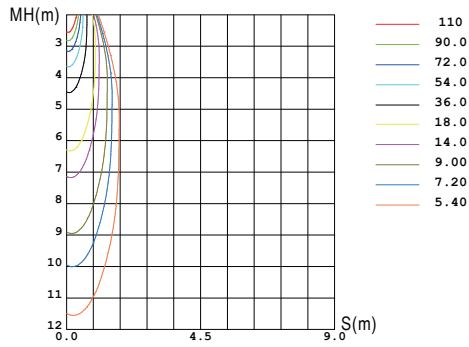
All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

8W- H40°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

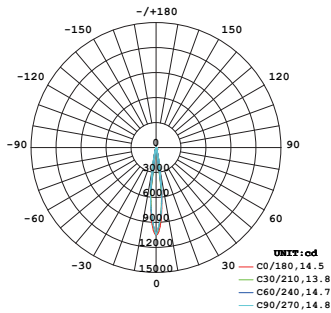


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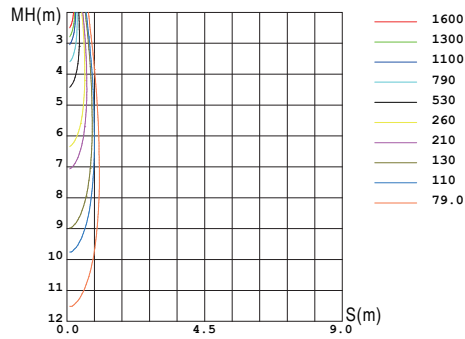


10W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

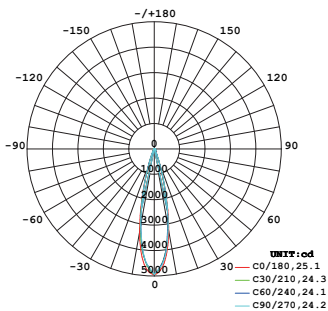


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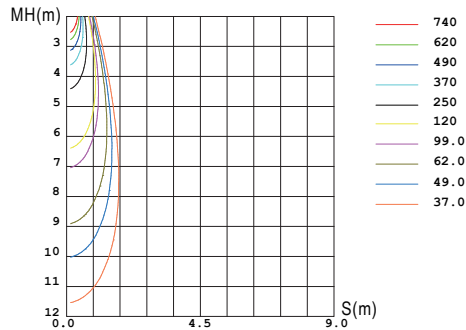


10W- 24°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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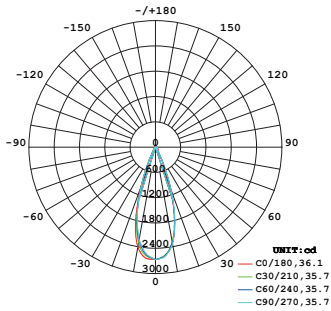


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

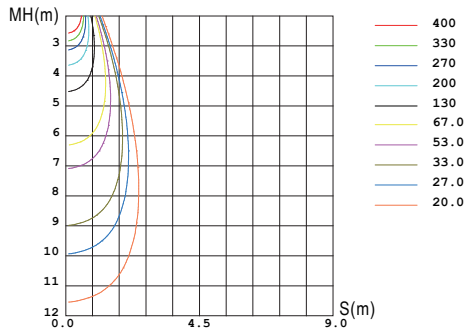
10W- 36°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



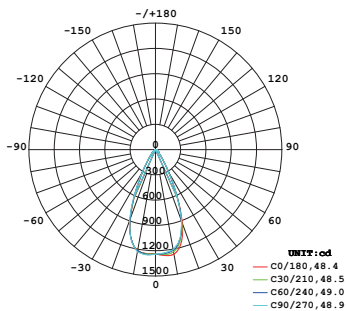
AVERAGE BEAM ANGLE(50%):35.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



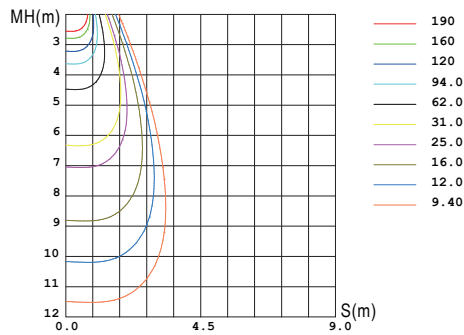
10W- 50°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



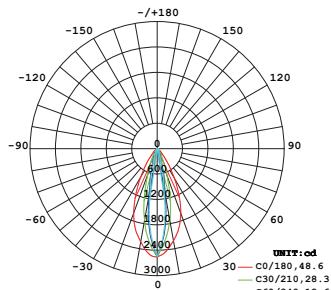
AVERAGE BEAM ANGLE(50%):48.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



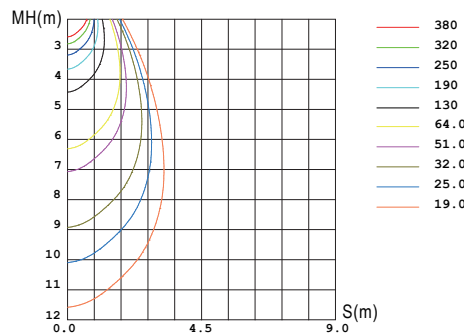
10W- H50°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.0 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

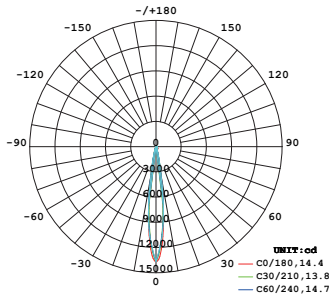


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

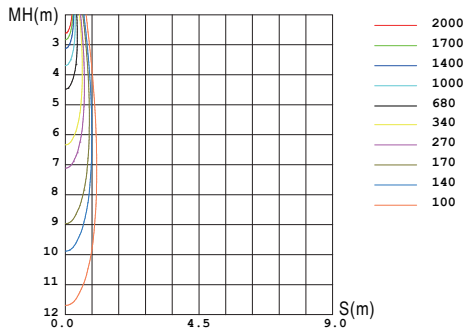
15W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



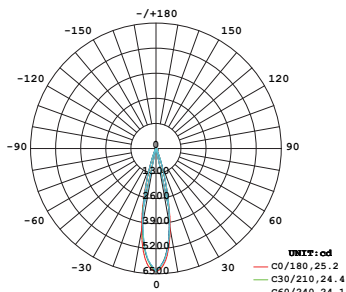
AVERAGE BEAM ANGLE(50%):14.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



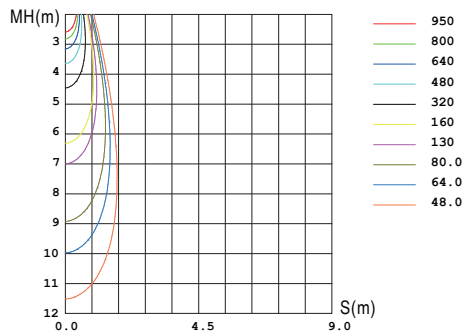
15W- 24°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



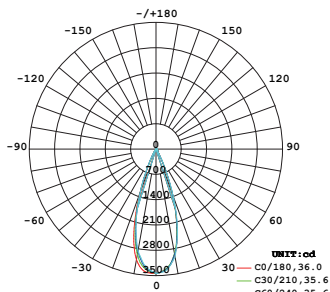
AVERAGE BEAM ANGLE(50%):24.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



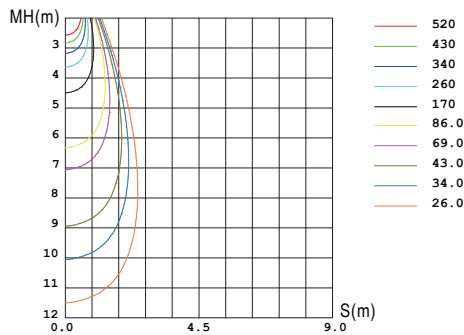
15W- 36°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):35.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

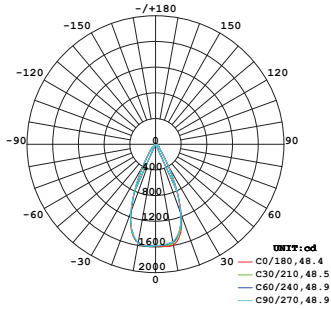


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

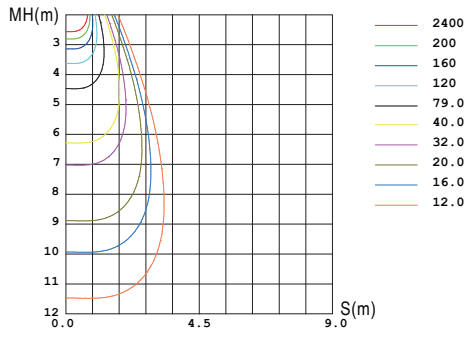
15W- 50°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



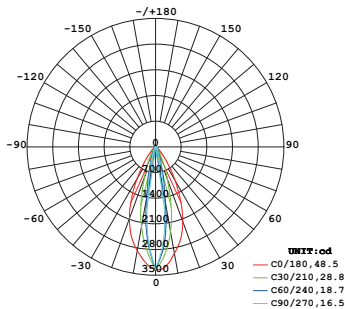
AVERAGE BEAM ANGLE(50%):48.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



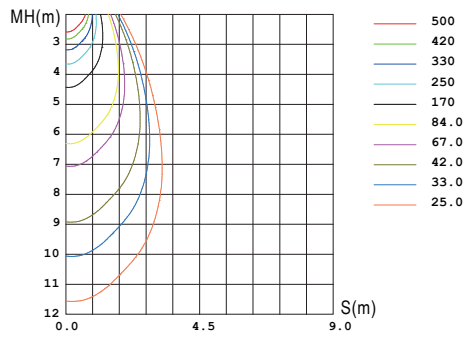
15W- H50°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



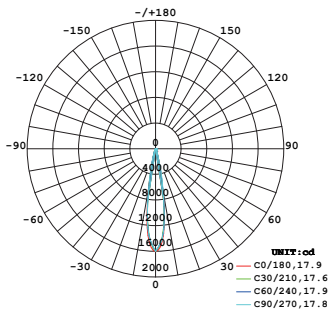
AVERAGE BEAM ANGLE(50%):28.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



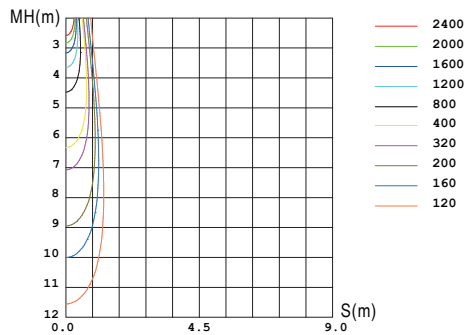
20W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):17.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

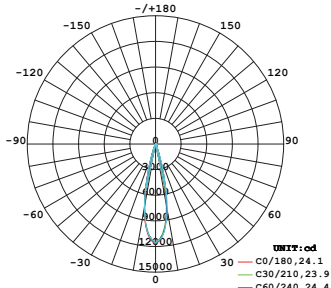


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

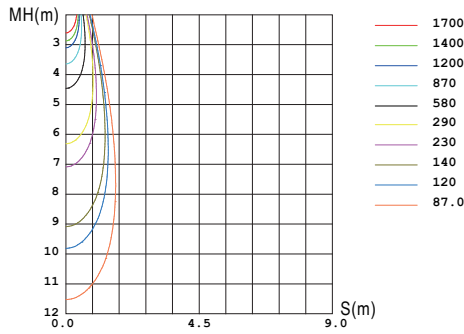
20W- 24°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



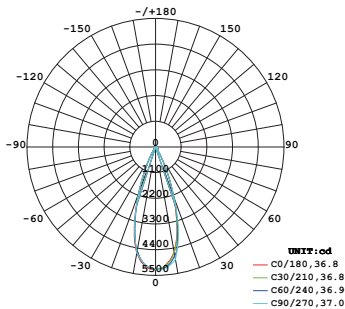
AVERAGE BEAM ANGLE(50%):24.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



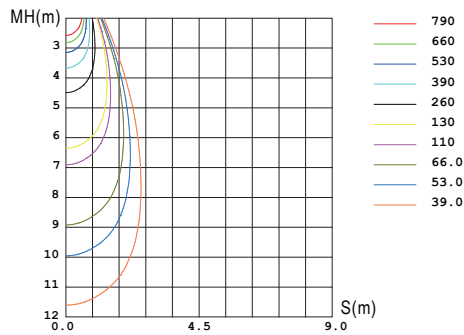
20W- 36°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

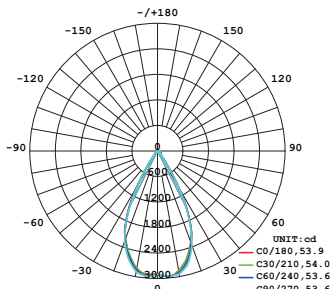


AVERAGE BEAM ANGLE(50%):36.9 DEG

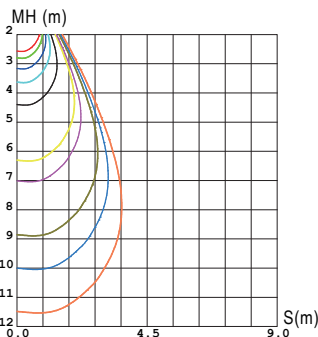
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



20W- 50°



AVERAGE BEAM ANGLE(50%):53.8 DEG

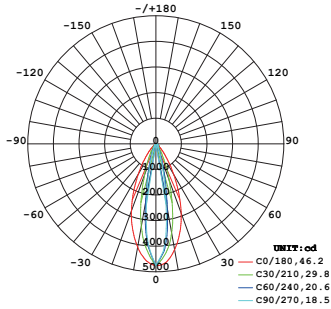


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

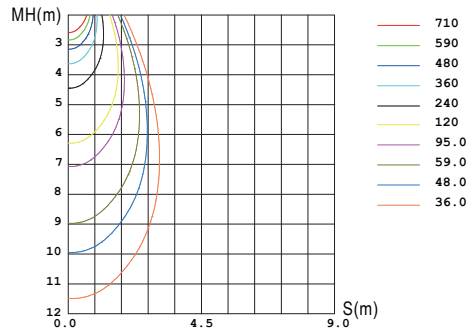
20W- H50°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



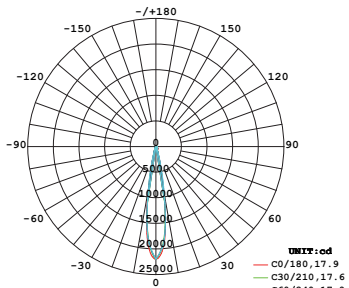
AVERAGE BEAM ANGLE(50%):28.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



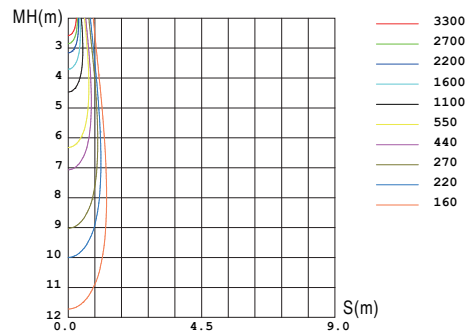
30W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



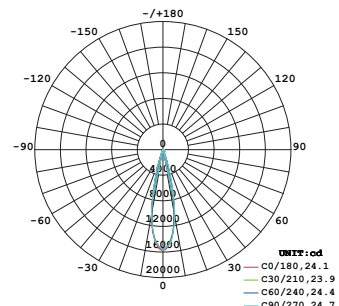
AVERAGE BEAM ANGLE(50%):17.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



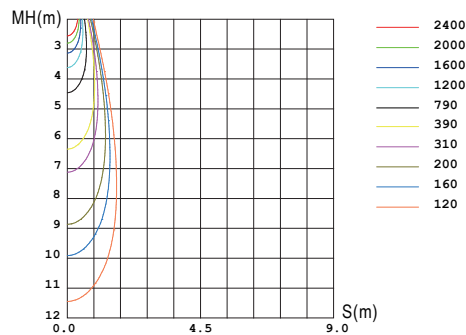
30W- 24°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):24.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

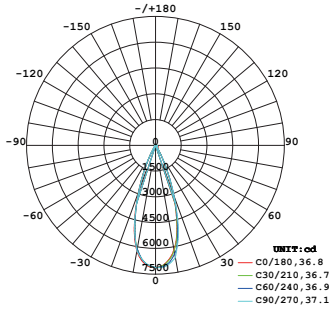


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

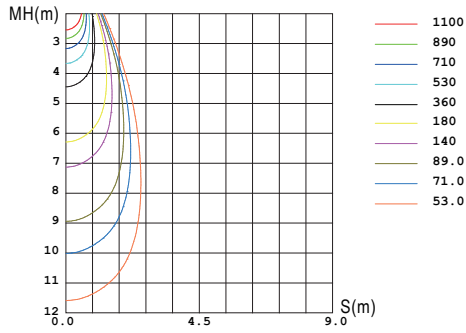
30W- 36°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



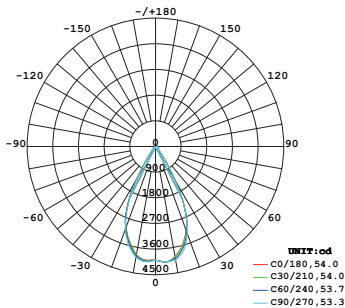
AVERAGE BEAM ANGLE(50%):36.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



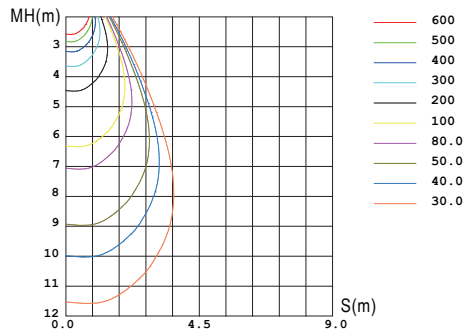
30W- 50°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



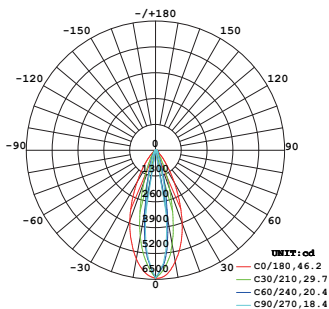
AVERAGE BEAM ANGLE(50%):53.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



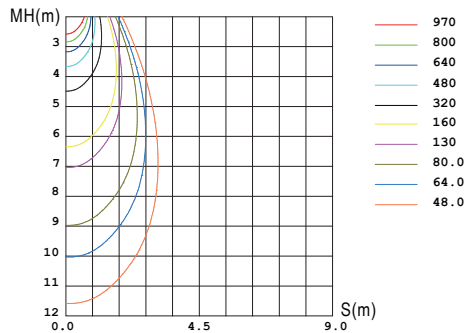
30W- H50°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

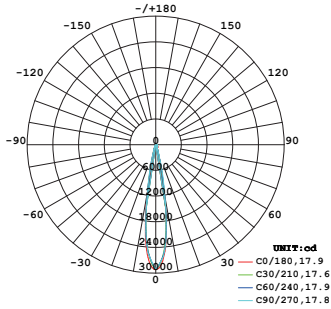


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

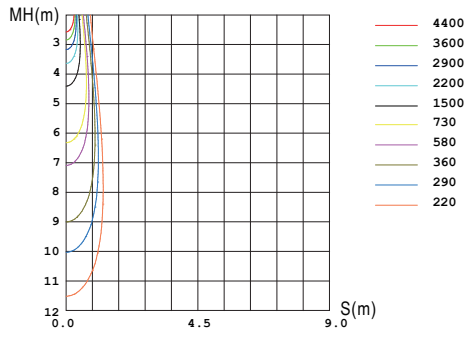
40W- 15°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



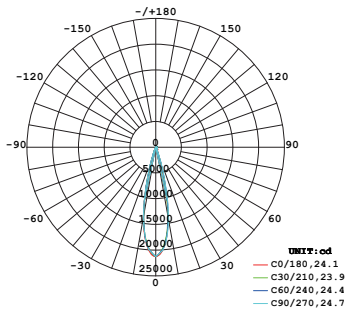
AVERAGE BEAM ANGLE(50%):17.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



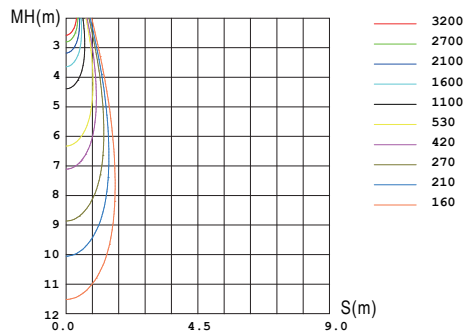
40W- 24°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



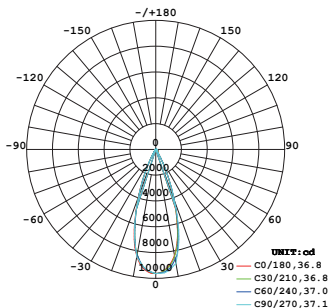
AVERAGE BEAM ANGLE(50%):24.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



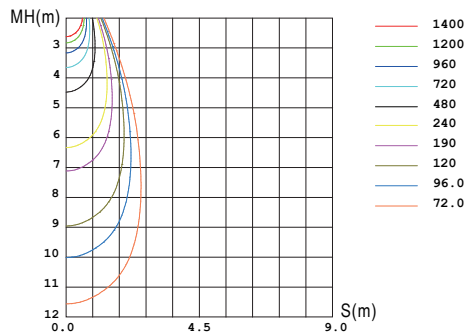
40W- 36°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):36.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

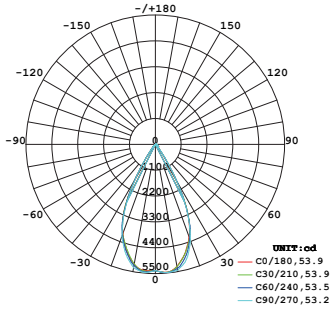


PHOTOMETRY

All published luminaire photo metric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

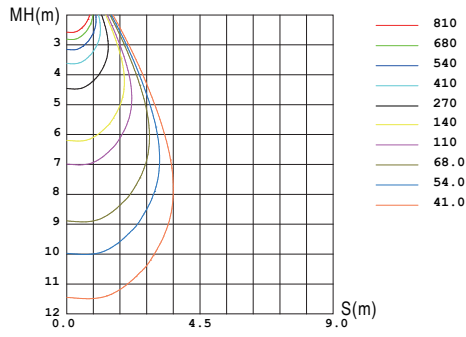
40W- 50°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



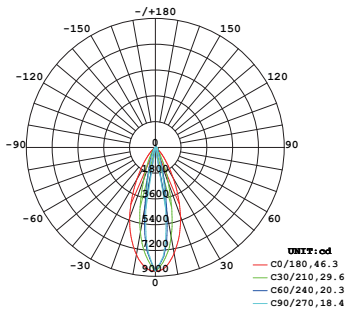
AVERAGE BEAM ANGLE(50%):53.6 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



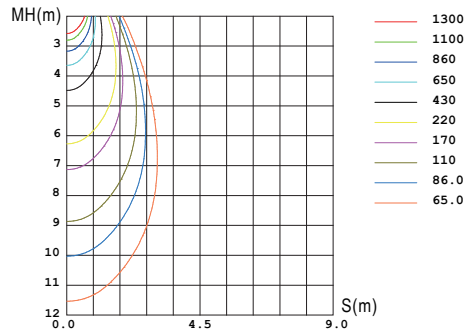
40W- H50°V20°

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):28.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



WARRANTY

Five years limited warranty.

Specifications subject to change without notice.