

CANTO 450G

Pole Mounted Luminaire

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DESCRIPTION

The smoothly engineered shape of the CANTO combined with its gracefully arching pole creates a unique appearance. The gentle curvature allows the pole to spatially define paths or roadways. Two luminaire sizes and three pole heights are available to meet proportional requirements of large or small scale applications. The heavy cast aluminum housing is fitted with a flat tempered glass lens with a quarter-turn fastener for easy relamping. Hinged reflector assembly allows access to the ballast tray. Mounting bracket and steel pole with flush handhole are hot-dip galvanized prior to being finished in high quality, finely textured paint. Base cover is spun aluminum. All hardware is stainless steel.

PROTECTED BY

PRIMAR®



ORDERING INFORMATION

LUMINAIRE & POLE											
MODEL	LED MODULES	CCT	CONTROL	INPUT VOLTAGE	OPTICS	CONFIGURATION	POLE	MATERIAL	BASE & MOUNTING	FINISH	OPTION
CC450G Canto 450G Pole Mounted Luminaire	1 1 Module	30K 3000K	DIM 0-10v Dimming	UNV 120-277v	T2 Type II	S Single Luminaire	17 17" Round Tapered Curved Pole	S Steel	BC-MK Base Cover & Mounting Kit (Anchor Bolts & Template)	BL Black	0DEG 0° Tilt for Full Cutoff Classification
	2 2 Modules	40K 4000K			T3 Type III		XX* Other (*Specify Height in Feet)			DB Dark Bronze	3PR 3-Pin NEMA Photocontrol Receptacle
					T4 Type IV					DG Dark Grey	7PR 7-Pin NEMA Photocontrol Receptacle
					T5 Type V					GG Graphite Grey	TVSS20 20KV Surge Suppressor
										SG Silver Grey	RB- GFCI Receptacle: Specify Using Ordering Information Below.
										CC Custom RAL Color	HSS House-Side Shield

Custom options are available.

Consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

GFCI - ADD GFCI CATALOG NUMBER TO ACCESSORY PORTION OF LUMINAIRE CATALOG NUMBER.

RECEPTACLE/BOX	RECEPTACLE TYPE	MOUNTING
RB GFCI Receptacle Box	1 GFCI (2 GFCI Outlets)	A Semi-Recessed
	2 GFCI + USB-C (2 GFCI Outlets + 2 USB-C Charging Ports)	B Surface Mount
	3 GFCI + USB-A + USB-C (2 GFCI Outlets + 1 USB-A + 1 USB-C Charging Ports)	

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For other Experience® Brands companies, please visit www.ExperienceBrandsUSA.com.

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear online are the most recent ones available. *Consult the factory to verify current status of BAA/TAA/BABAA compliance.

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SPECIFICATIONS

HOUSING

One-piece domed housing is heavy cast aluminum. Hinged frameless tempered glass lens opens with single quarter-turn fastener for easy relamping. Lens is sealed to the housing with one-piece closed cell silicone gasketing. Hinged reflector plate, painted with high reflectance white paint, swings down allowing access to ballast components. Housing is fitted with stainless steel weather-tight strain relief bushing for the power cable exiting the rear of the housing. Luminaire installs onto bracket mounting plate with four socket head cap screws. All hardware is stainless steel.

OPTICS

Optics include one or two individual LED modules. Each module consists of a field replaceable aluminum core PCB with four high-power LEDs and a single piece lens molded from optical quality acrylic. Light distributions include a choice of Type II, III, or IV optics. In its zero-degree-tilt layout, luminaire emits zero uplight at 90 degrees horizontal and above and is suitable for use in all LEED lighting zones. CRI is 80+.

ELECTRICAL

Electronic 0-10v DC dimming LED driver supplies drive current to LED modules with input voltage range from 120v through 277v at 50/60Hz. Power consumption is 36 watts per LED module.

DELIVERED LUMENS / B-U-G RATING (5° TILT)

ONE LED MODULE:

3000K

Type II = 3397 Lumens / B1-U1-G1

Type III = 3230 Lumens / B1-U1-G1

Type IV = 3039 Lumens / B1-U1-G1

4000K

Type II = 3689 Lumens / B1-U1-G1

Type III = 3507 Lumens / B1-U1-G1

Type IV = 3300 Lumens / B1-U1-G1

TWO LED MODULES:

3000K

Type II = 6795 Lumens / B1-U1-G1

Type III = 6460 Lumens / B2-U1-G1

Type IV = 6079 Lumens / B1-U1-G2

4000K

Type II = 7378 Lumens / B1-U1-G1

Type III = 7014 Lumens / B2-U1-G1

Type IV = 6600 Lumens / B1-U1-G2

NOTE : Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for more current technical data.

POLE

Fabricated aluminum bracket arm bolts to the pole 2.5' from the top with two stainless steel fasteners. Square tubing welded to the underside of the bracket arm acts as a wire way for the luminaire power cable. Round and curved steel pole is manufactured from cold drawn over mandrel, electric-weld, mechanical round steel tubing with nominal wall thickness of 0.157". Pole curvature projects centerline of pole top 1.7' from the base. Flush mounted hand hole cover is plasma cut with kerf not to exceed 1/8" and includes triangular tamper-resistant locking device. Pole is hot-dip galvanized with coating inside and out, then lightly sanded prior to painting. Two-piece base cover with tamper-proof fasteners is fabricated from 0.080" spun aluminum and finished to match the pole. Nominal pole height is 17'.

FINISH

Housing and pole are cleaned ultrasonically prior to painting.

Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special RAL colors available on request.

Hess standard textured finishes feature proprietary PRIMAR® protective coating for long-term corrosion and UV protection.

INGRESS PROTECTION

IP65

CERTIFICATION

UL Listed for Wet Locations

WARRANTY

Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.

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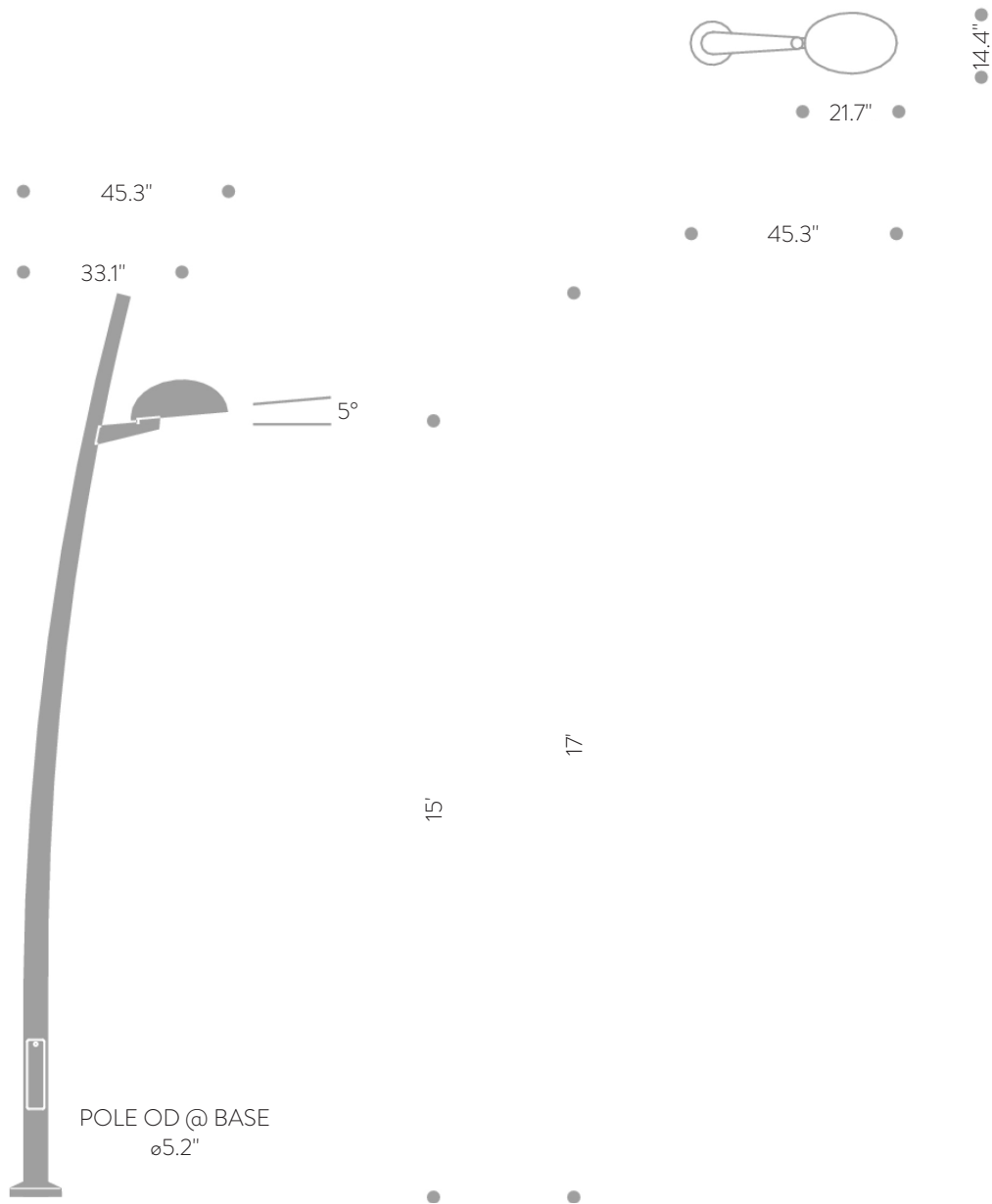
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DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



CUSTOMIZE YOUR EXPERIENCE.

At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

Ready to Get Started? Email us at: DesignServices@exp-brands.com

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MOUNTING DETAILS

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