PRECISION P2 PARAGON
EFFICIENCY, ECONOMY, SUSTAINABILITY.

www.p-2.com

(714) 386-5550 CA
(715) 381-2971 WI

IGC - Surface Mount Gas Canopy Induction

Seeking an Ultra-long Life Energy Efficient Lighting Solution for your Canopy?

- Induction is a mid-priced option, typically more costly than linear fluorescent, but more afforable than LED, and P2 can tailor it to your needs.
- Sylvania Icetron systems are rated for 100,000 hour system life dramatically reducing long term maintenance costs.

Fuel Retailers Want

- High Color Rendering
- No Color Shift
- Excellent Uniformity
- 90%+ Lumen Maintenance
- Low Energy and Maintenance Costs

Applications

- C-Store Fuel Centers
- Big Box Retail Fuel Centers
- Truck Stops
- Drive Through Canopies

Why P2? It's Simple, Our Relighting Experience.

- Properly deployed, Induction is a valuable niche light source.
- Improperly deployed on your project, it can be a nightmare.
- We understand what it takes to successfully deploy the latest energy efficient, long life lighting technologies and tailor them to your application.
- Our engineers have the tools and expertise to thermally and photometrically model your system to ensure that the long life and performance promised by induction light sources is delivered.

IGC - Long Life Canopy Lighter

Application

- General canopy lighting applications where maintenance costs are compounded by inaccessibility and prescribed lengthy service intervals.
- Applications where routine outages can not be tolerated.
- Full cutoff fixture meets Dark Sky requirements.

IGC - ICD - 41K - CO - UL - NA

IGC	-	ICD	-	41K	-	CO	-	UL	-	NA	-		-	
Model		Induction System		Lamp Color		Lens Type		Voltage		Icetron Other		Other		Other

Fixture Series
IGC = Induction Gas Canopy Fixture

Induction System
ICA = Osram, 77 Watt, 6500 Lumen System
ICB = Osram, 103 Watt, 8000 Lumen System
ICD = Osram, 149 Watt, 11000 Lumen System

Lamp Color
35K = 3500 Kelvin
41K = 4100 Kelvin
50K = 5000 Kelvin

Lens Type
CO = Cutoff Lens
FCO = Full Cutoff Lens

Voltage
UL = Universal Low 120 through 277volt

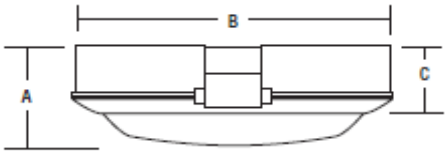
Icetron Other Options
NA = None Selected
TC = Amalgam Tip Covers for Extreme Cold

IGC - Surface Mount Gas Canopy Induction

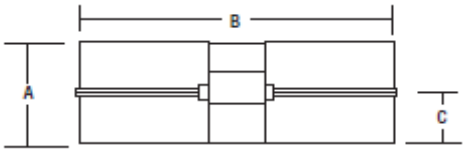
Fixture Construction

- White powder coat Finish.
- Die cast construction for long term durability.
- Molded Glass Lens.
- Osram Sylvania Icetron technology.
- Amalgam controlled Hg vapor provides stable light output.
- Assembled and engineered in the USA. Hudson WI, Gainesville FL, Orange County CA.

CO Lens Option



FCO Lens Option



Ballast box installed above canopy.

Measurements

	A	B	C
CO	6.0"	17.5"	4.5"
FCO	6.0"	17.5"	3.0"

Existing HID System	Lamp Qty & Type		Initial Lumens Per Lamp	Mean Lumens Per Lamp	S/P (1) Ratio	S/P (2) Adjusted Lumens	System Input Watts	Lumens (3) Per Watt	Rated Life (Hours)
HPS-150 Standard	1	HPS150	15,000	13,500	0.62	9,298	190	49	24,000
MH-175 Standard	1	MH175	13,500	8,775	1.49	11,977	210	57	10,000
HPS-250 Standard	1	HPS250	27,000	24,300	0.62	16,737	295	57	24,000
MH-250 Standard	1	MH250	20,500	13,500	1.49	18,425	295	62	10,000

Proposed Induction System	Lamp Qty & Type		Initial System Lumens	Mean System Lumens	S/P (1) Ratio	S/P (2) Adjusted Lumens	System Input Watts	Lumens Per Watt	Rated Life (Hours)
ICA - ICE70 & QT100 Ballast	1	ICE70/841	6,500	4,830	1.62	7,037	77	91	100,000
ICB - ICE100 & QT100 Ballast	1	ICE100/841	8,000	5,945	1.62	8,661	103	84	100,000
ICD - ICE100 & QT150 Ballast	1	ICE100/841	11,000	8,175	1.62	11,910	149	80	100,000

Numeric Footnotes

(1) S/P Ratio = Scotopic to Photopic Lumens

(2) SP Adjusted Lumens = Mean Lumens x (S/P).78 [.78 exponent]

(3) Lumens Per Watt = S/P Adjusted Lumens / Fixture Input Watts

General Notes:

- There are many operating and thermal variables that affect Induction system output. Consult factory for assistance in modeling your Induction system.
- Values shown are based on design operating temperatures and at 277 volts.
- Fixture efficiencies and system layout are not comprehended in the table, but will also affect the usefulness of the system.