

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

TRON LOW BAY & JELLY JAR FIXTURE



The Tron Low Bay & Jelly Jar Fixture is a versatile hazardous location fixture. This hazloc luminaire is impact-resistant, waterproof, dustproof, and anti-corrosion. It ranges from 30W-75W, with efficiency up to 160 lm/W. Class and Division ratings include CID2, CIID2, and CIII. The fixture has IP66 rating, NEMA 4X, IK08 impact rating, optional emergency battery backup, optional dimming, nine mounting options, and a 10-year non-prorated warranty.

FEATURES

- Marking UL844 Hazardous Locations: CID2, CIID2, and CIII
- 30W-75W models
- Up to 11,000 lumens and up to 160 lm/W
- IP66 rating
- IK08 impact rating
- 9 mounting options
- Aluminum alloy housing with grey powder coat finish, polycarbonate lens, tempered flat glass, or borosilicate curved grille glass.
- 1-10V & 0-10V dimmable, emergency battery backup, power selection switch
- 10-year non-prorated warranty

APPLICATIONS

- Chemical plant
- Oil & gas refineries
- Pulp and paper
- Offshore drilling platform
- Paint spray booths
- Power generation



ORDERING INFORMATION

MODEL NUMBER	POWER	LUMENS	VOLTAGE	CRI	CCT	MIN. ORDER QTY	US STOCK
ECO-CGA-HA10-30W-TRON	30W	4,700	120-277VAC or 277-480VAC	70+/80+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA10-40W-TRON	40W	6,100	120-277VAC or 277-480VAC	70+/80+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA10-50W-TRON	50W	7,600	120-277VAC or 277-480VAC	70+/80+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA10-60W-TRON	60W	9,000	120-277VAC or 277-480VAC	70+/80+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA10-75W-TRON	75W	11,000	120-277VAC or 277-480VAC	70+/80+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes

TECHNICAL SPECIFICATIONS

Optical Distributions	Symmetrical 120°(Flat clear glass) T00A10 Symmetrical 120° (Curved grille glass) T00A11 Type I T10701 Type III T10703 Symmetrical 60° T10706 Symmetrical 90° T10707	Impact Rating	IK08 (flat glass)
CRI	70+ / 80+	Lifetime	L90: 48,000 hours L80: 102,000 hours L70: 164,000 hours
CCT	2000K-6500K, 5000K standard, Red, Green, Blue, Amber	Construction	Aluminum alloy housing (low copper) with grey powder coat finish, polycarbonate lens, tempered flat glass, or borosilicate curved grille glass.
Light Source SDCM	<5	Warranty	10 Years or 50,000 hours non-prorated (Battery 3 years)
Efficacy	Up to 160 Lm/W (6500K, 70+CRI)	Net Weight	See charts in Dimensions section below
Input Voltage	120-277VAC or 277-480VAC	Mounting	Ceiling (1), Ceiling (2), Pendant, Trunnion, Pendant & Trunnion, Wall Bracket, 25° Stanchion, 30° Stanchion, 90° Stanchion mount options
Power Frequency	50-60 Hz	Cable Entries	– Ceiling mount/Trunnion mount: 1/2"NPT, 3/4"NPT, M25X1.5, M20X1.5 – Pendant / Pendant & Trunnion mount/ Wall bracket mount: 1/2"NPT, 3/4"NPT, 1"NPT, M25X1.5, M20X1.5 – 25° Stanchion mount / 25° Stanchion mount / 90° Stanchion mount: 1-1/4"NPT, 1-1/2"NPT
Power Factor	>0.95 (at full load)	Operating Temperature	See Operating Temperature table below.
Flicker Factor	<1%	Accessory Options	Wire guard, emergency battery backup, dimmable, power selectability, cone top
THD	<20%		
Control Options	1-10V dimmable, 0-10V dimming, emergency battery backup, power selection switch. Dimming only for 120-277VAC.		
Surge Protection	6kV line-line, 10kV line-earth		
Certifications	UL844 Hazardous Locations: – Class I, Division 2, Groups A, B, C, D – Class II, Division 2, Groups F, G – Class III NEMA 4X Aex: – Ex nR IIC T6/T5 Gc – Ex tb IIIC T80 /95 Db – Zone 2, AEx nR IIC T6/T5 Gc – Zone 21, AEx tb IIIC T80 /95 Db		
IP Rating	IP66		

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

*IES files provided on request.

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CONTROL OPTIONS

Control Options: 1-10V dimmable, 0-10V dimming, emergency battery backup, power selection switch.
Dimming only for 120-277VAC.

Optional emergency battery backup

- 9W
- Battery capacity: 6.4V 4.3Ah (LiFePO4)
- 90+ minutes emergency operation
- Emergency charge time: 24 hours
- Manual test button
- LED indicator:
 - Green light: Mains power supply status
 - Off-light: Emergency status

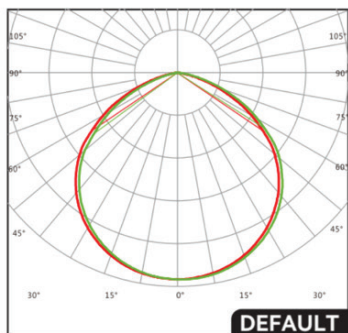
OPERATING TEMPERATURE

Item	Product Model	Input Voltage	Rated Power	Working Temperature	T-Code		Temperature class	Maximum surface temperature
					CL.I	CL.II & CL.III	Gas ("nR")	Dust("tb")
1	HA10-030 series HA10-040 series HA10-050 series	120-277Vac	30W 40W 50W	-40°C to +65°C	T5	T5	T5	95°C
2	HA10-030 series HA10-040 series HA10-050 series	277-480Vac	30W 40W 50W	-40°C to +65°C	T5	T5	T5	95°C
3	HA10-060 series HA10-075 series	120-277Vac	60W 75W	-40°C to +60°C	T4A	T5	T5	95°C
4	HA10-060 series HA10-075 series	277-480Vac	60W 75W	-40°C to +60°C	T4A	T5	T5	95°C
5	HA10-050 series adjustable power	120-277Vac	20W 35W 50W	-40°C to +65°C	T5	T5	T5	95°C
6	HA10-050 series adjustable power	277-480Vac	20W 35W 50W	-40°C to +65°C	T5	T5	T5	95°C
7	HA10-075 series adjustable power	120-277Vac	30W 53W	-40°C to +65°C	T5	T5	T5	95°C
			75W	-40°C to +60°C	T4A			
8	HA10-075 series adjustable power	277-480Vac	30W 53W	-40°C to +65°C	T5	T5	T5	95°C
			75W	-40°C to +60°C	T4A			
9	HA10-030 HA10-040 HA10-050 HA10-060 HA10-075 Emergency series	120-277Vac	30W 40W	0°C to +50°C	T6	T6	T6	80°C
			50W	0°C to +45°C				
			60W 75W	0°C to +40°C				
10	HA10-050 series Emergency and adjustable power	120-277Vac	20W 35W	0°C to +50°C	T6	T6	T6	80°C
			50W	0°C to +45°C				
11	HA10-075 series Emergency and adjustable power	120-277Vac	30W	0°C to +50°C	T6	T6	T6	80°C
			53W	0°C to +45°C				
			75W	0°C to +40°C				

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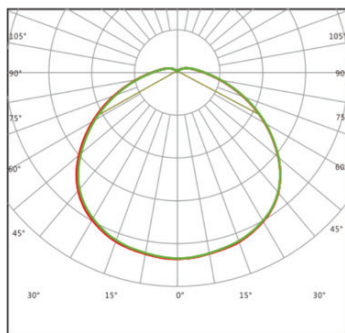
PHOTOMETRICS

RECOMMENDED

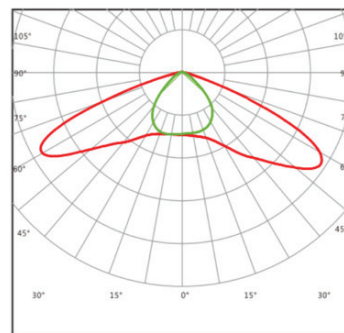


Symmetrical 120° (Flat clear glass)
T00A10

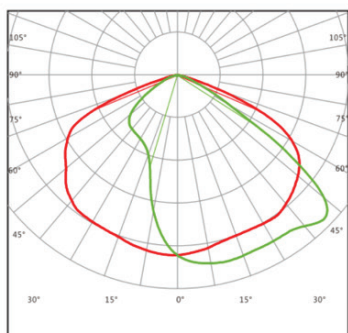
RECOMMENDED



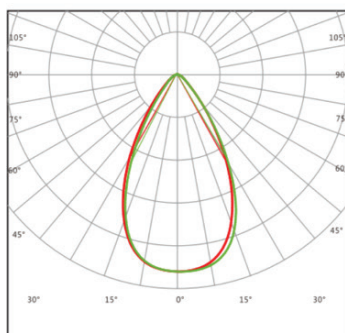
Symmetrical 120° (Curved grille glass)
T00A11



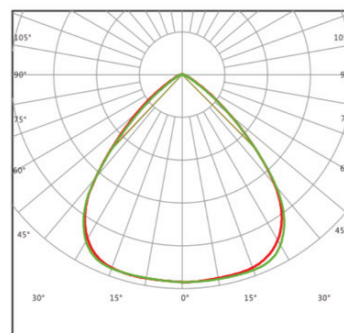
Type I
T10701



Type III
T10703



Symmetrical 60°
T10706

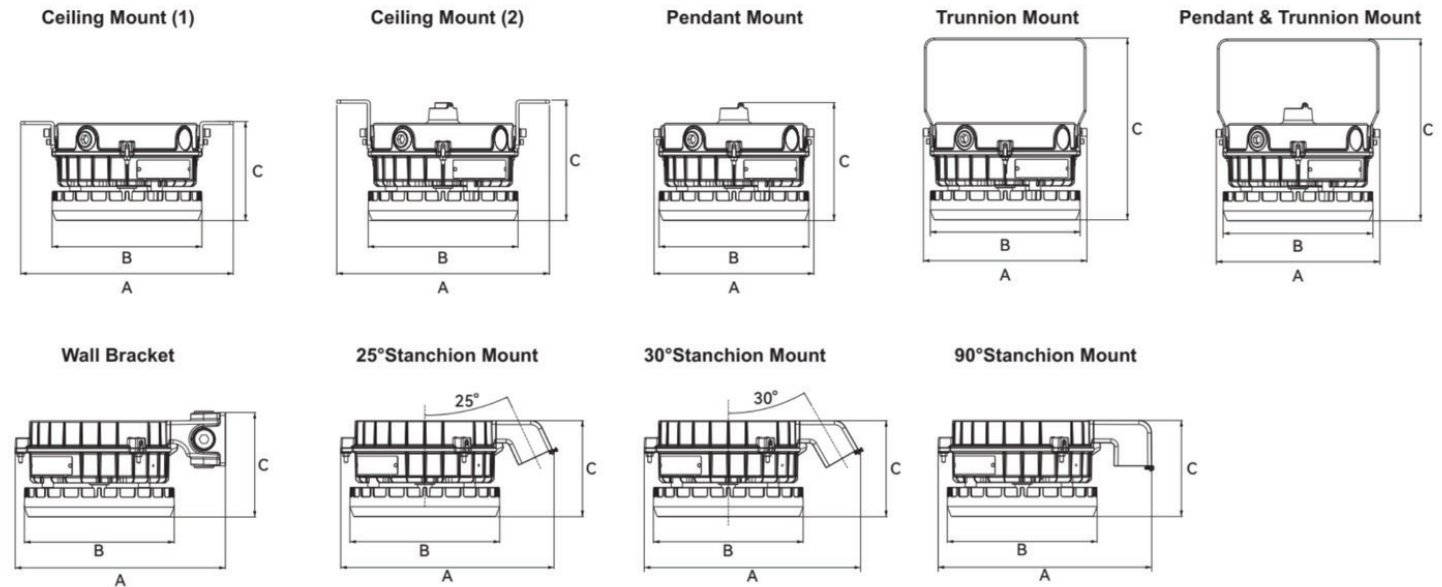


Symmetrical 90°
T10707

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DIMENSIONS

Flat Clear Glass:

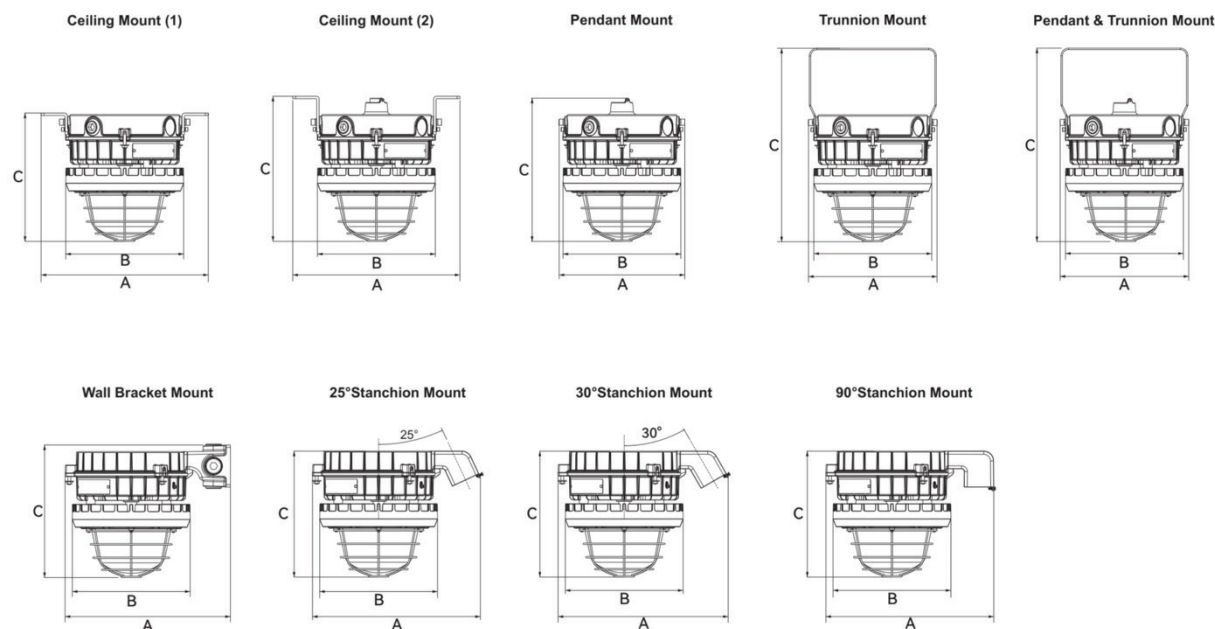


Luminaire	Product Code	Mount Accessories	Luminaire Dimensions AxBxC(mm)	Product Weight(kg) ±6%		Package Weight(kg) ±6%		Carton Size(mm)	Qty/CTN/
				N.W/PC	G.W/PC	N.W/PC	G.W/PC		
30-75W	HA10	Ceiling Mount (1)	349x246x163	4.2	—	—	5.1	370x310x235	1
		Ceiling Mount (2)	349x246x198		—	—			
		Pendant Mount	263x246x197	3.9	—	—	4.6	310x310x235	
		Trunnion Mount	268x246x299	4.4	—	—	5.3	370x310x235	
		Pendant & Trunnion Mount	268x246x299		—	—			
		Wall Bracket Mount	345x246x172		—	—		380x310x205	
		25°Stanchion Mount	351x246x158	4	—	—	4.8	380x310x185	
		30° Stanchion Mount	355.1x245x158	4.1	—	—	4.9		
		90° Stanchion Mount	350.5x246x158		—	—			

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DIMENSIONS

Curved Grille Glass:



Luminaire	Product Code	Mount Accessories	Luminaire Dimensions AxBxC(mm)	Product Weight(kg) ±6%		Package Weight(kg) ±6%		Carton Size(mm)	Qty/CTN/	
				N.W/PC	G.W/PC	N.W/PC	G.W/PC			
30-75W	HA10	Ceiling Mount (1)	349x246x268	5.4	—	—	6.5	370x310x340	1	
		Ceiling Mount (2)	349x246x303		—	—				
		Pendant Mount	263x246x299	5.1	—	—	6.2	310x310x340		
		Trunnion Mount	268x246x404	5.6	—	—	6.7	370x310x340		
		Pendant & Trunnion Mount	68x246x404		—	—		380x310x310		
		Wall Bracket Mount	345x246x277		—	—				
		25°Stanchion Mount	351x246x263	5.3	—	—	6.1	380x310x290		
		30° Stanchion Mount	355.1x246x263	5.4	—	—	6.2			
		90° Stanchion Mount	350.5x246x263		—	—				