



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

DESCRIPTION



CTAMUFO Series

The CTAMUFO series. UFO High bays are great for indoor gyms and other large open areas that require high lumens. The CTAMUFO series is also suitable for wet environments because of its IP65 rating. Multiple mounting options along with provided connection leads makes this a very user friendly and easy to install high bay.



FEATURES AND SPECIFICATIONS

Intended use

Applications include large indoor spaces for manufacturing, warehousing, commercial and industrial facility lighting applications. Because of its wet location rating, it can also be used outdoors. Perfect for one and done job quotes.

Construction

Because of its aluminum construction, this UFO high bay provides excellent heat dissipation.

Optics

Shatterproof polycarbonate lens protects the optics, allowing for smooth light distribution.

Electrical

70% lumen maintenance at >54,000 hours. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. Thermally protected driver standard.

Operating Temperature

-26 °C - 50 °C

Dimming

LED drivers deliver dimming from a 1-10V control signal.

Installation

Mount using supplied hook or threaded rod (not supplied). Comes with weatherproof leads for both dimming and main feeds.

Listings

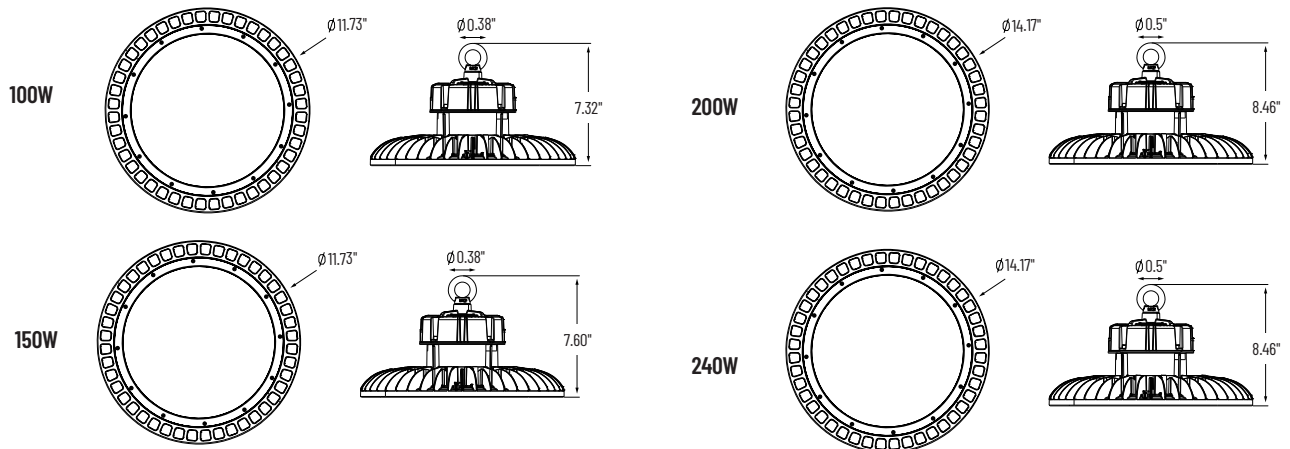
UL listed to US and Canadian safety standards. Wet location listed. Fixtures are IP65 rated: Protected against dust that may harm equipment and protected against water spray from all directions.

Warranty

5-year limited warranty.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWING



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ORDERING INFORMATION

EXAMPLE: CTAMUFO100W850

Series	Wattage	CRI	Color Temp.	Color
CTAMUFO	[100W] : 100 Watts	[8] : CRI±80	[50] : 5000K	[BLANK] : Black
	[150W] : 150 Watts	[8] : CRI±80	[50] : 5000K	[BLANK] : Black [WH] : White
	[200W] : 200 Watts	[8] : CRI±80	[50] : 5000K	[BLANK] : Black
	[240W] : 240 Watts	[8] : CRI±80	[50] : 5000K	[BLANK] : Black [WH] : White

PERFORMANCE SPECIFICATIONS

Series	Lumens @ 5000K	LPW @ 5000K
CTAMUFO100W	13199	135
CTAMUFO150W	20037	135
CTAMUFO200W	26240	137
CTAMUFO240W	30975	135

GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS	100W	150W	200W	240W
Input				
Input Voltage (VAC)	90V-305V	90V-305V	90V-305V	90V-305V
Frequency Range (Hz)	50-60 Hz (+/- 10%)	50-60 Hz (+/- 10%)	50-60 Hz (+/- 10%)	50-60 Hz (+/- 10%)
Input Current Max (A) Per Driver	1.2	2.0	2.5	3.0
THD @ Full Load	<20%	<20%	<20%	<20%
Efficiency @ Full Load	>93%	>93%	>94%	>94%
Inrush Current A @ Full Load Cold Start	80	80	80	80
Power Factor @ Full Load	>0.9	>0.9	>0.9	>0.9
Output				
Output Voltage (VDC)	60-100VDC	60-100VDC	60-100VDC	60-100VDC
Output Current (mA) Per Driver	1000-1600mA (1mA step)	1500-2000mA (1mA step)	2000-2800mA (1mA step)	2400-3400mA (1mA step)
Output Ripple Current	<150% @ 1600mA	<150% @ 2000mA	<150% @ 2800mA	<150% @ 3400mA
Max. Output power (W) Per Driver	100W	150W	200W	240W
Over Temp. Protection	Foldback to 50% @ 105°C	Foldback to 50% @ 105°C	Foldback to 50% @ 105°C	Foldback to 50 @ 105°C
Dimming Control	1-10V	1-10V	1-10V	1-10V
LED Power Up Time	<1sec	<1sec	<1sec	<1sec
Load Regulation	<5%	<5%	<5%	<5%
Line Regulation	<5%	<5%	<5%	<5%
ENVIRONMENTAL SPECIFICATIONS				
Ambient Range	-30°C to 50°C	-30°C to 50°C	-30°C to 50°C	-30°C to 50°C
Max. Storage Temp.	85°C	85°C	85°C	85°C
Max. Relative Humidity	90% non-condensing	F90% non-condensing	F90% non-condensing	F90% non-condensing
EMI Compliance	FCC Part 15	FCC Part 15	FCC Part 15	FCC Part 15

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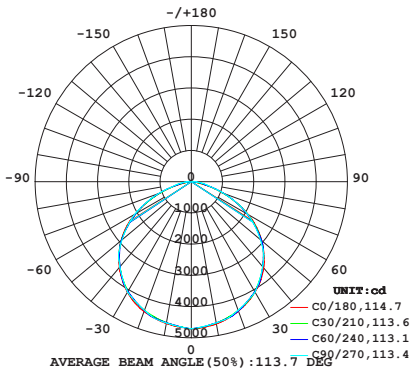


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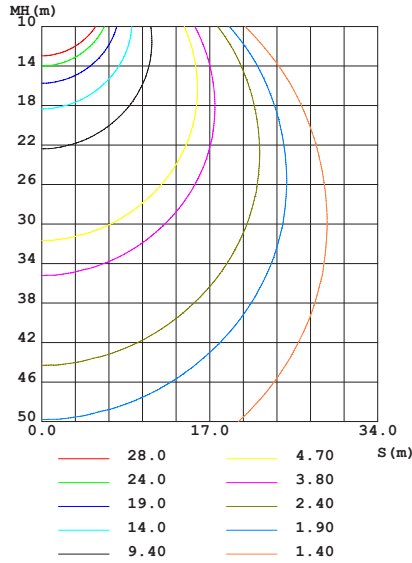
PHOTOMETRIC REPORTS

Polar Graph

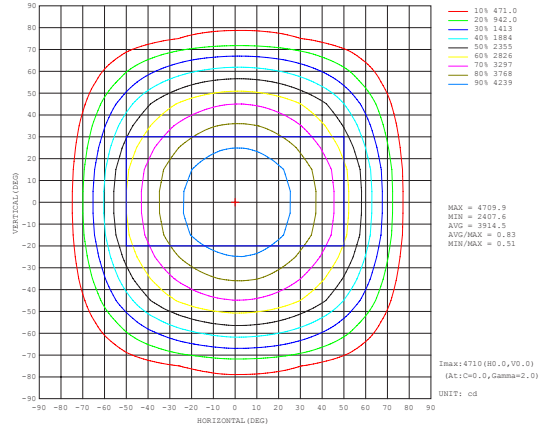
100W



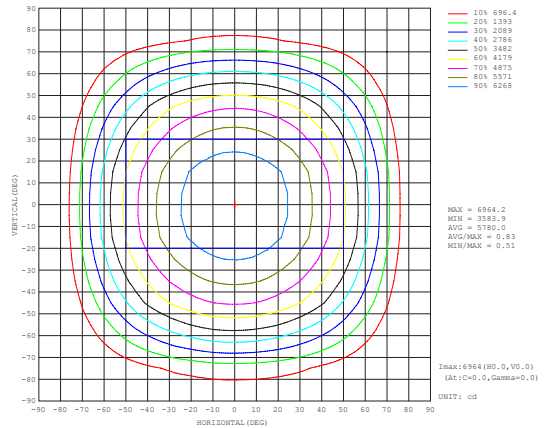
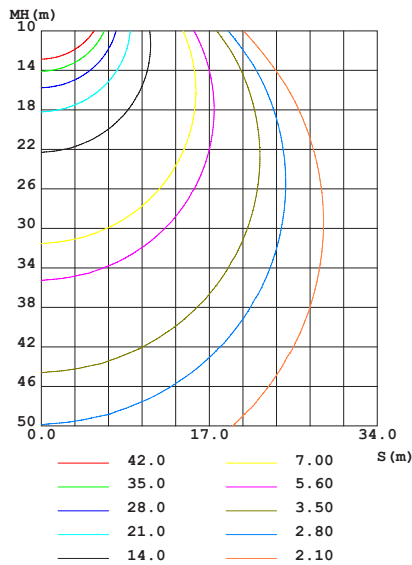
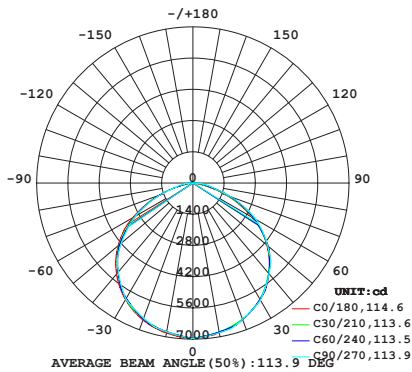
Isolux Diagram



Isocandela Plot



150W



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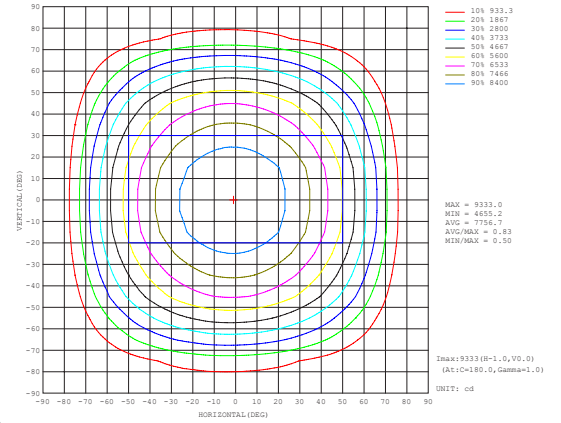
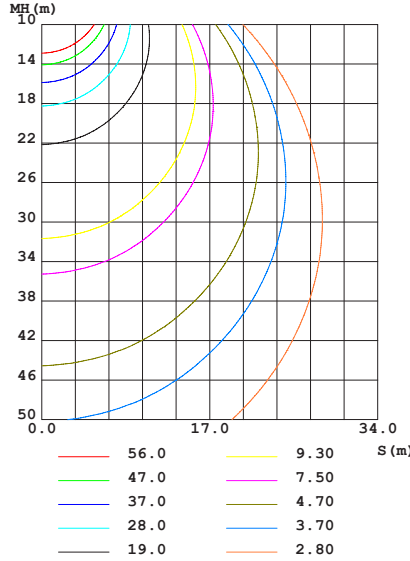
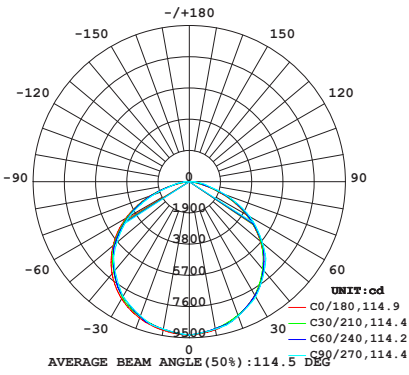
PHOTOMETRIC REPORTS

Polar Graph

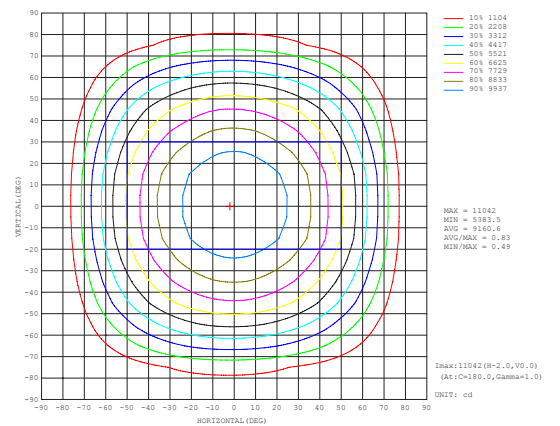
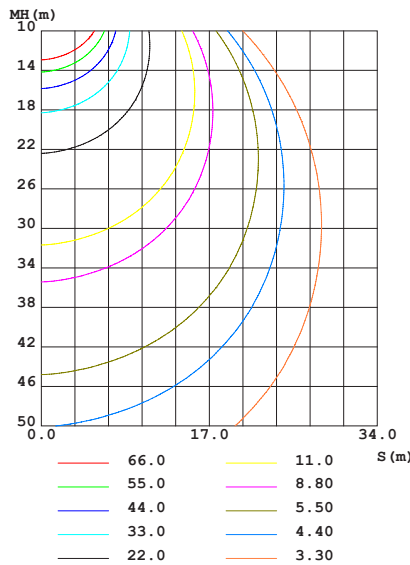
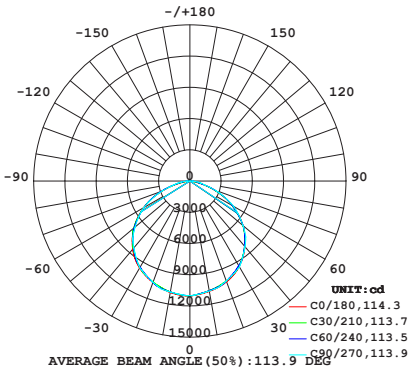
Isolux Diagram

Isocandela Plot

200W



240W



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