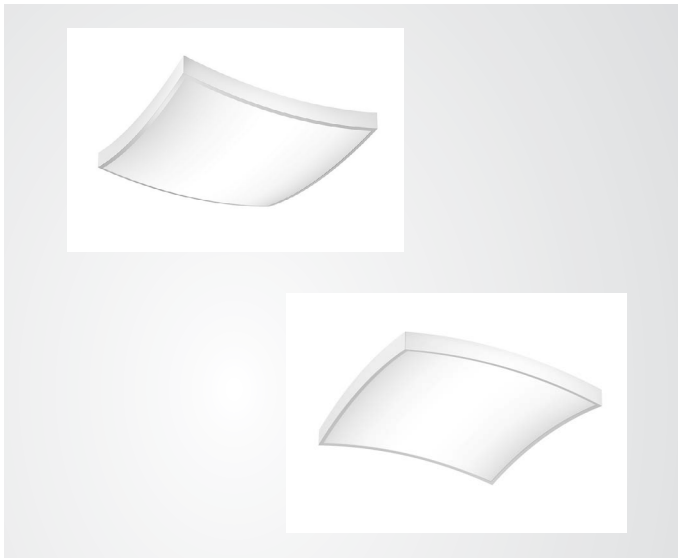




HIGHLIGHTS

- Total System Integration features 5-year limited warranty by Acuity Brands covering all components and construction
- Up to 104 lm/W
- Square dimensions are 40" x 40"
- Offered in Convex or Concave
- Flicker-free dimming to dark powered by eldoLED® driver
- Integrated nLight® control module for system networking (optional)
- White, black, painted aluminum or custom color

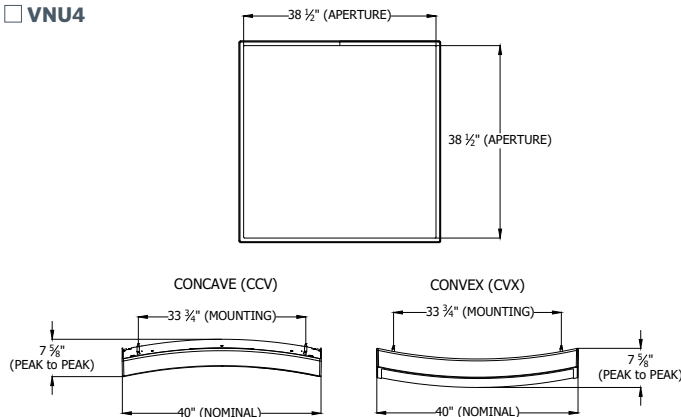


eldoLED®



DIMENSIONS

VNU4



COMPANION LUMINAIRE(S)



Venue Rectangle

VENUE LUMINANCE COMPANION CHART

Lumen Value	
Square	Rectangle
3300	5800
4500	7800
6600	11600
8600	15000

* If trying to match brightness of different shapes please use the recommended pairings shown above

CUSTOMIZATION

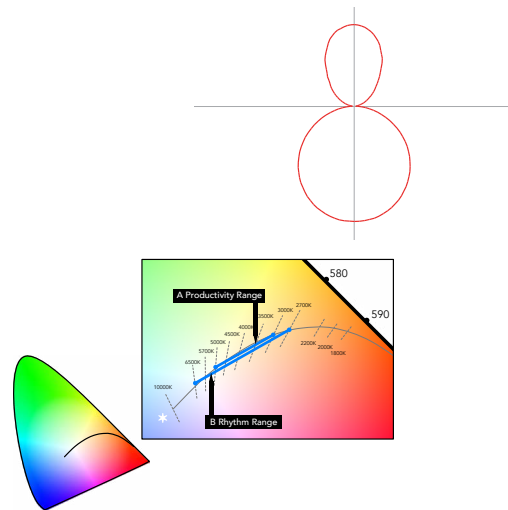
Ask us about the following possibilities: Higher lumen outputs, alternate voltages, custom colors.

LUMEN PACKAGES The table values are based on the 3 available Indirect outputs combined with a range of downlight nominal outputs. Additional outputs and color temperatures available (Indirect in bold)

@ 35K & 80CRI - CCV	I1500 + (4500 / 6600 / 8600)			I2500 + (4500 / 6600 / 8600)			I3500 + (4500 / 6600 / 8600)		
Direct Delivered Lumens	4080	6037	7902	4080	6037	7902	4080	6037	7902
Total Delivered Lumens	7026	8983	10848	7026	8983	10848	7026	8983	10848
Input Watts	67	86	105	67	86	105	67	86	105
Lumens Per Watt	104	103	103	104	104	103	104	104	103

Please pull the appropriate IES file for the hard data number for your luminaire selection

DISTRIBUTION Based on CCV - 80CRI TUWH PROR I1500LMF 3300LM @ 35K. Additional color temperatures available.



A Productivity Range 3000K to 5000K

B Rhythm Range 2700K to 6500K



MAINSTREAM DYNAMIC
BY ACUITY BRANDS®

SPECIFICATIONS

Housing

The housing is a one-piece thermoformed automotive grade polymer casing that is cut into two pieces. The back panel that holds the electricals, while second piece is a seamless fascia that holds our optical grade acrylic lens.

Color

Color for housing is white, black or painted aluminum. Consult factory for custom colors.

Source

Two available color temperature range options (Productivity 3000K-5000K and Rhythm 2700K-6000K) all within 2.5 MacAdam ellipse.

Optics

Direct optics are maintained through a dual optical system that creates superior uniformity across the lens. Indirect optics are recessed along the upper boundary of the luminaire to distribute light evenly across the ceiling plane.

Remote Dimming Driver

eldoLED driver provides "natural dimming" with smooth, continuous and flicker-free operation to 0.1% dim levels. Acuity luminaires incorporating eldoLED LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) outlined in IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels. Syncing for controls: 2mA max. THD: < 20%. Insignificant inrush current at 120 and 277VAC. FCC Class A and B tested for EMI and RFI.

For 0-10V driver details go to: PeerlessLighting.com/566L

For DALI driver details go to: PeerlessLighting.com/560L

Mainstream Dynamic with nTune Technology:

This luminaire is enabled with nTune technology, meaning it has the ability to communicate digitally over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of timeclock control, remote status monitoring, and control via SensorView software.

Controls and System Networking Options

For wired network via Cat-5e, chose an integrated nLight® module with NLIGHT.

Electrical

LED light engine -- consisting of LED arrays and eldoLED® dimming driver -- is rated for 60,000 hours (L90) at 25° C ambient temperature. Specify 120V, 277V or 347V*. Pre-wired with 18AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Electrical Connection

Peerless will provide a quick connect cord solution from the Venue luminaire to the remote driver/control box. The cord length is determined by the overall suspension length of the luminaire plus the remote box distance. Class one connections to remote box provided by others.

Environment

Suitable for damp location.

Validation

CSA/CSAus listed, CSA tested to UL 2108 standards, LM-79 tested*. Individual luminaires meet FCC Part 15 requirements.

Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/resources/buy-american for additional information.

US PATENT

US Patent No. 10,253,944

Packaging

Venue and assorted components are packaged in 4 mil polyethylene and nylon bags. Protection is provided with cross linked polyethylene foam inserts and a double walled telescoping corrugated carton. All packaging materials are readily recyclable.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details



A+ Capable options indicated by this color background.

MODEL NUMBER Example: VNU4 SQ CCV 40IN 80CRI TUWH RHYR I3500LM 3300LM DARK NLT 120 SCT F1/48A 8FTC C041 DBC041

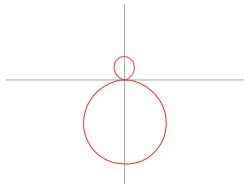
Luminaire	Shape	Curvature	Size	LED Color Rendering	Dynamic Feature	Dynamic Range
VNU4	SQ Square	CCV Concave CVX Convex	40IN	80CRI 80+ CRI 90CRI* 90+ CRI <i>*Longer lead times—consult factory</i>	TUWH Tunable White	PROR* 3000K-5000K RHYR** 2700K-6500K <i>*90CRI Only **80CRI Only</i>

Indirect LED Output	Direct LED Output	Minimum Dimming Level	Control Input
(blank) I1500LM 1500 Nominal Lumens I2500LM 2500 Nominal Lumens I3500LM 3500 Nominal Lumens	3300LM 3300 Nominal lumens 4500LM 4500 Nominal lumens 6600LM 6600 Nominal lumens 8600LM 8600 Nominal lumens 12500LM 12500 Nominal lumens	DARK Constant current, dimming to < 1% MIN1 Constant current, dimming to 1%	NLT* nLight nTune Interface <i>*Will use Logarithmic dimming curve</i>

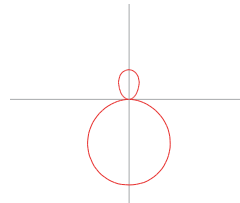
Voltage	Wiring Options	Emergency Options	Mounting Type/	Overall Suspension
120 120V 277 277V 347 347V	SCT Single Circuit DCT Dual Circuit	EC* (1) emergency circuit module E10WLCP 10 Watt battery pack, constant power with self diagnostics. CEC Certified <i>*Not available with 347</i>	F1/* T-bar ceiling (universal mounting bracket) F2/** Hard ceiling (horizontal J-box) F5/** Open Ceiling Closed Loop AC Cable F5A/** Open Ceiling Bolt to Ceiling AC Cable <i>*F1 Mount uses standard 3 1/2" canopy on feed and 2" canopy on support **F2 & F5A Mount uses standard 5" canopy on feed and 2" canopy on support ***F5 Mount has no canopies on feed or support **** All feed cords, cord managers & canopies are standard white. They are not painted to match fixture color</i>	48A 48" adjustable suspension 96A* 96" adjustable suspension 144A** 144" adjustable suspension 240A*** 240" adjustable suspension <i>Measured from ceiling to bottom of luminaire. *96A Not available with 8FTC **144A Not available with 8FTC & 12FTC ***240A Not available with 8FTC, 12FTC, 16FTC or 20FTC</i>

Luminaire to Remote Driver Box	Luminaire Color	Driverbox Color	Options
8FTC 8FT Feed Cord 12FTC 12FT Feed Cord 16FTC 16FT Feed Cord 20FTC 20FT Feed Cord 30FTC 30FT Feed Cord 40FTC 40FT Feed Cord 50FTC 50FT Feed Cord	C041 White white (low gloss) C110 Painted aluminum (low gloss) C201 Black (low gloss) C099** Custom color RALTBD* Ral Paint finishes <i>*RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options **C099 for pricing only. Custom color chip needs to be sent in to Customer Care and matched up with our paint department and customer approved before order is entered.</i>	DBC041 White (low gloss) DBC110 Painted Aluminum (low gloss) DBC201 Black (low gloss) DBC099** Custom Color DBRALTBD* RAL Paint finishes <i>*DBRALTBD for pricing only, Replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options **C099 for pricing only. Custom color chip needs to be sent in to Customer Care and matched up with our paint department and customer approved before order is entered.</i>	MCS* Matching Canopy at support for aesthetics OJB Offset J-box at feed SLP** Sloped Ceiling <i>*MCS not available with F5 mount **When SLP is chosen need to choose F2 mount and OJB</i>

PHOTOMETRICS



CVX @35K I1500LM/6600LM
7315 delivered lumens



CCV @35K I1500LM/6600LM
7448.2 delivered lumens

EXPECTED LIFE L90@60,000 HOURS

CCT SCALING CHART

Direct			Indirect		
CCT	CRI	MULTIPLIER	CCT	CRI	MULTIPLIER
27K	80CRI	0.9	27K	80CRI	0.96
30K	80CRI	0.93	30K	80CRI	0.99
35K	80CRI	0.96	35K	80CRI	1
40K	80CRI	1	40K	80CRI	1
50K	80CRI	0.98	50K	80CRI	1.1
27K	90CRI	0.76	27K	90CRI	0.81
30K	90CRI	0.79	30K	90CRI	0.83
35K	90CRI	0.81	35K	90CRI	0.85
40K	90CRI	0.84	40K	90CRI	0.86
50K	90CRI	0.83	50K	90CRI	0.92

COMPATIBLE nLIGHT COMPONENTS



nPODMA 2P DX CCT WH

SensorSwitch.com/DataSheets/nPODMA.PDF



nPODMA 4P DX WH



nPOD UNITOUCH WH

Switch.com/DataSheets/nPOD Unitouch.PDF

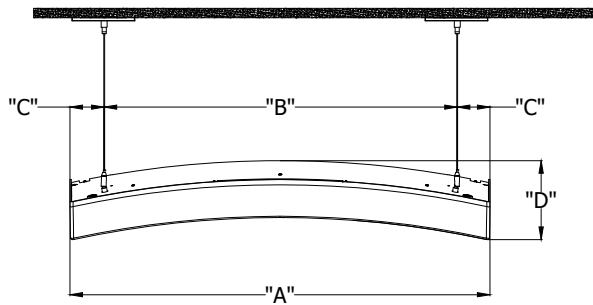
eldoLED COMPATIBILITY For compatible dimmers & switches please see the EldoLED compatibility document

PeerlessLighting.com/eldoLED-compatibility

WEIGHTS

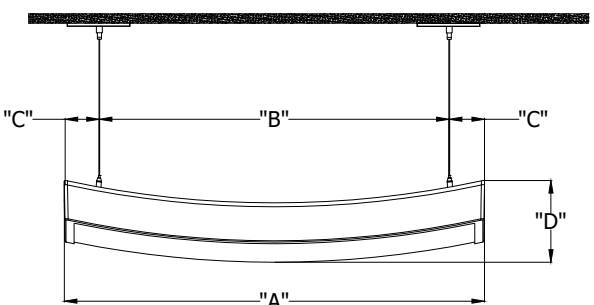
SQUARE

Concave (CCV)



INDIVIDUAL FIXTURES					
ORDERED	"A" O.A.L.	"B" O.C.	"C" FROM END	"D" PEAK TO PEAK	APPROX. WEIGHT
CCV	3'- 4"	2'- 9 3/4"	3 1/8"	7 5/8"	46LB

Convex (CVX)

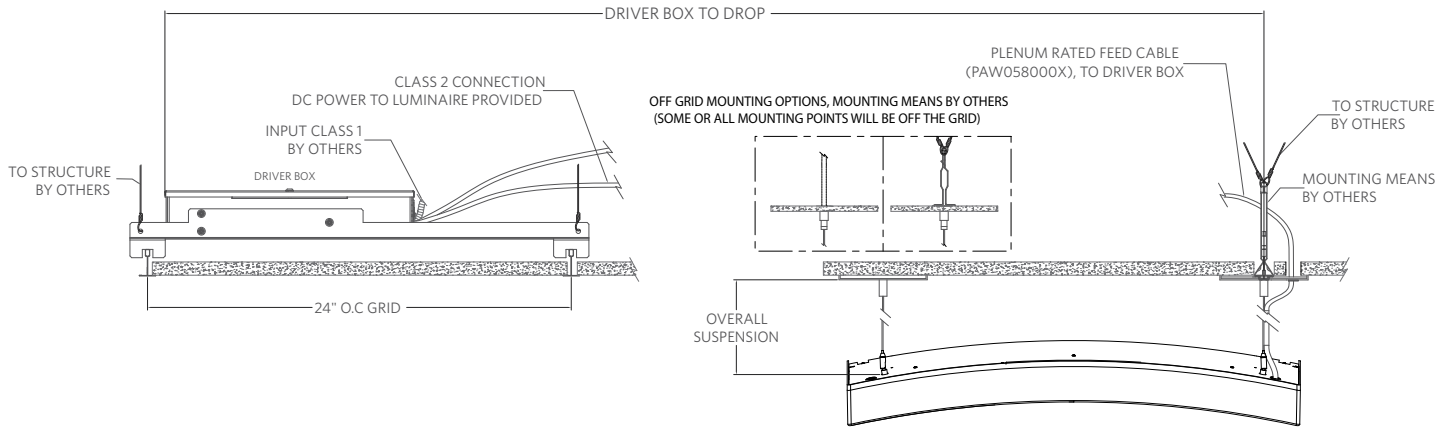


INDIVIDUAL FIXTURES					
ORDERED	"A" O.A.L.	"B" O.C.	"C" FROM END	"D" PEAK TO PEAK	APPROX. WEIGHT
CVX	3'- 4"	2'- 9 3/4"	3 1/8"	7 5/8"	46LB

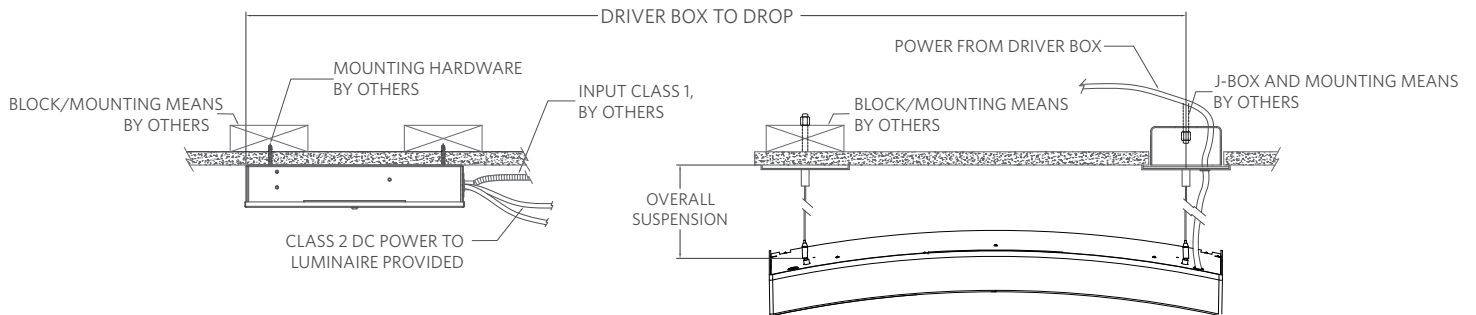
VENUE INTELLIGENT LUMINAIRE CHART

Choose nomenclature from these columns					
Driver Configurations	Minimum Dimming Level		Control Input		Driver
	DARK	+	TUWH NLT	=	eldoLED DualDrive
	MINI	+	TUWH NLT	=	eldoLED DualDrive
					Dimming Range
					100% to .1%
					100% to 1%
Notes					
Logarithmic Dimming, NPS80 and nIO EZDL CCT in head unit					
Logarithmic Dimming, NPS80 and nIO EZDL CCT in head unit					

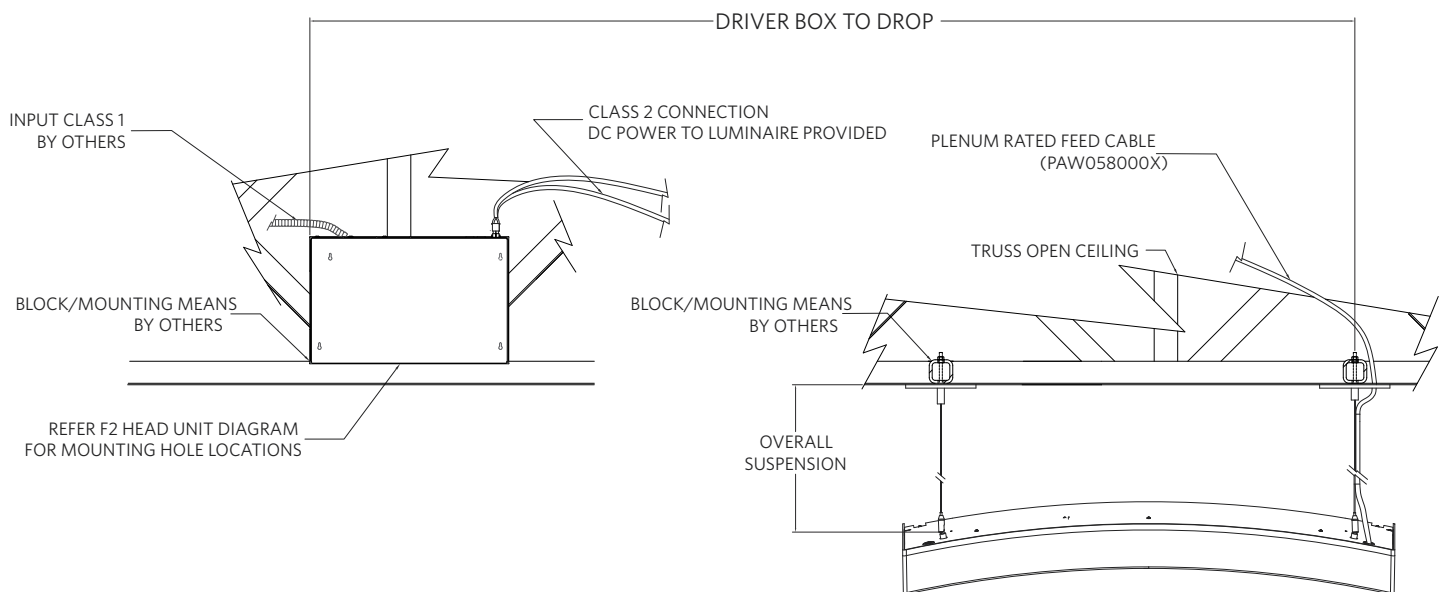
F1 MOUNTING DETAILS



F2 MOUNTING DETAILS

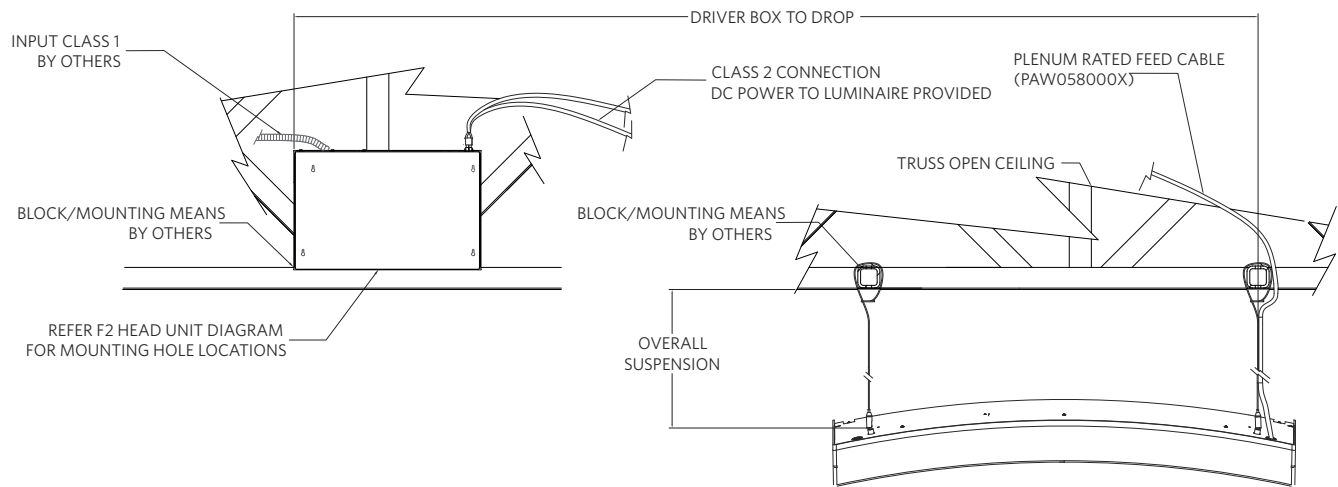


F5A MOUNTING DETAILS

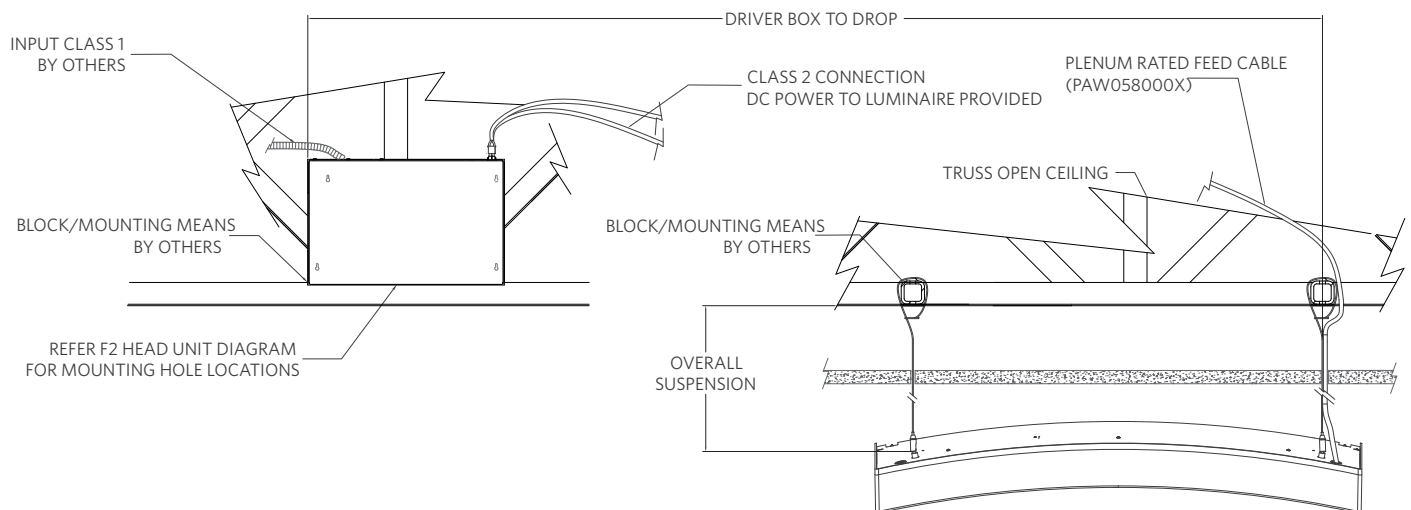


Please see installation sheet for full details.

F5 MOUNTING DETAILS OPEN CEILING



F5 MOUNTING DETAILS CLOSED CEILING



OVERALL SUSPENSION	
OPTION VALUE	OPTIONAL VALUE DESCRIPTION
48A	Adjustable 48 inch
96A	Adjustable 96 inch
144A	Adjustable 144 inch
240A	Adjustable 240 inch

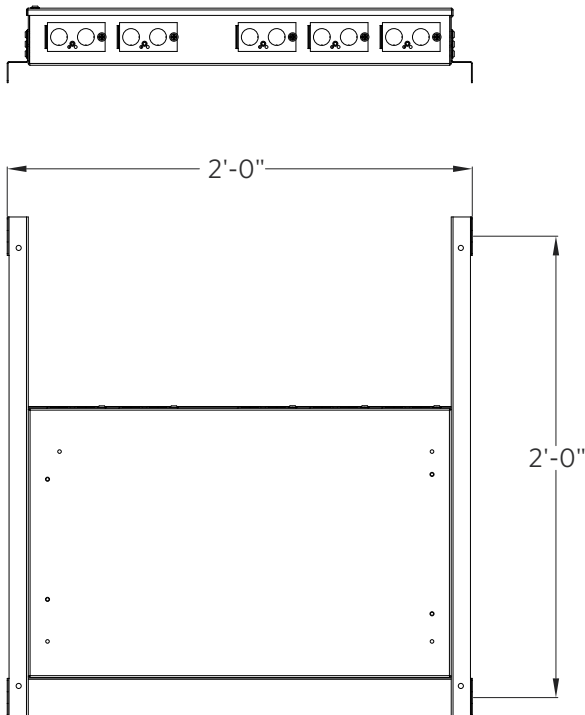
DRIVER BOX TO LUMINAIRE	
OPTION VALUE	OPTIONAL VALUE DESCRIPTION
8 FTC	8 FT Feed Cable
12 FTC	12 FT Feed Cable
16 FTC	16 FT Feed Cable
20 FTC	20 FT Feed Cable
30 FTC	30 FT Feed Cable
40 FTC	40 FT Feed Cable
50 FTC	50 FT Feed Cable

DRIVER BOX TO LUMINAIRE = DRIVER BOX TO DROP + OVERALL SUSPENSION

Please see installation sheet for full details.

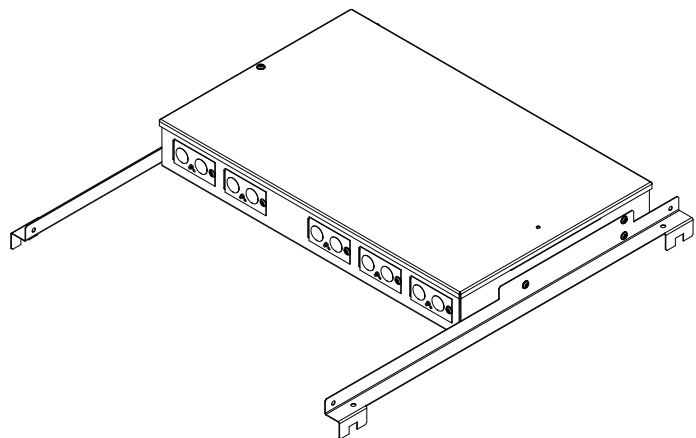
REMOTE DRIVER BOX

F1 MOUNTING LOCATIONS

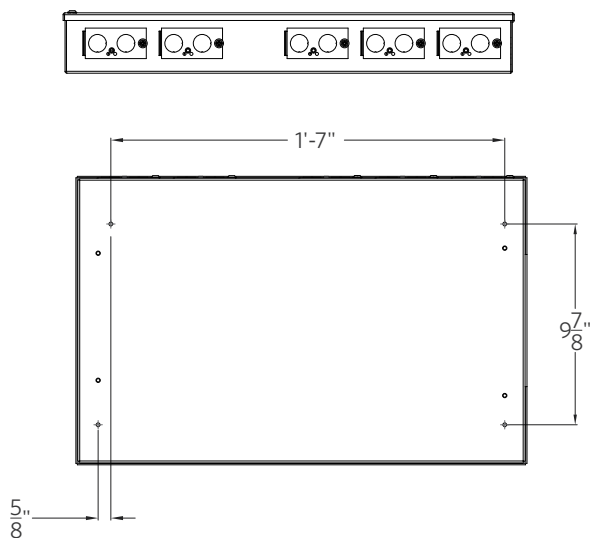


OVERALL DIMENSIONS

2'-1/4" X 2'-2" X 3 7/8"

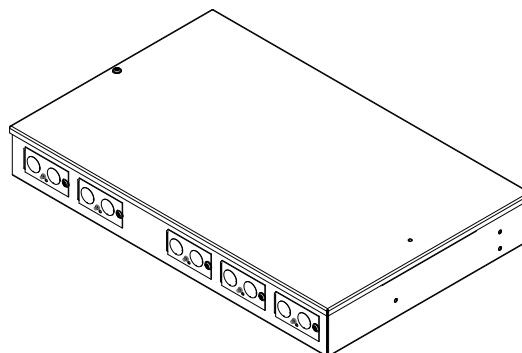


F2/F5/F5A MOUNTING LOCATIONS

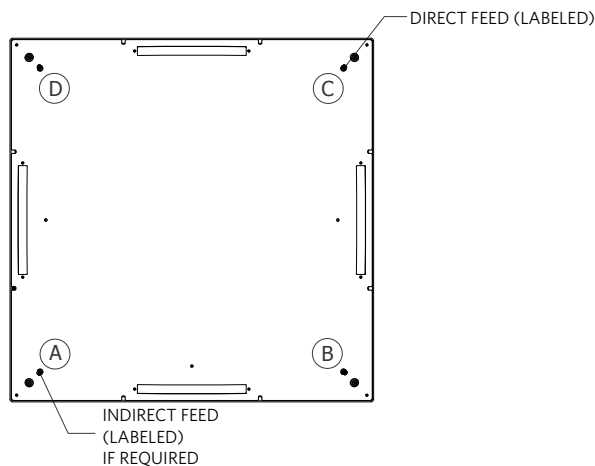


OVERALL DIMENSIONS

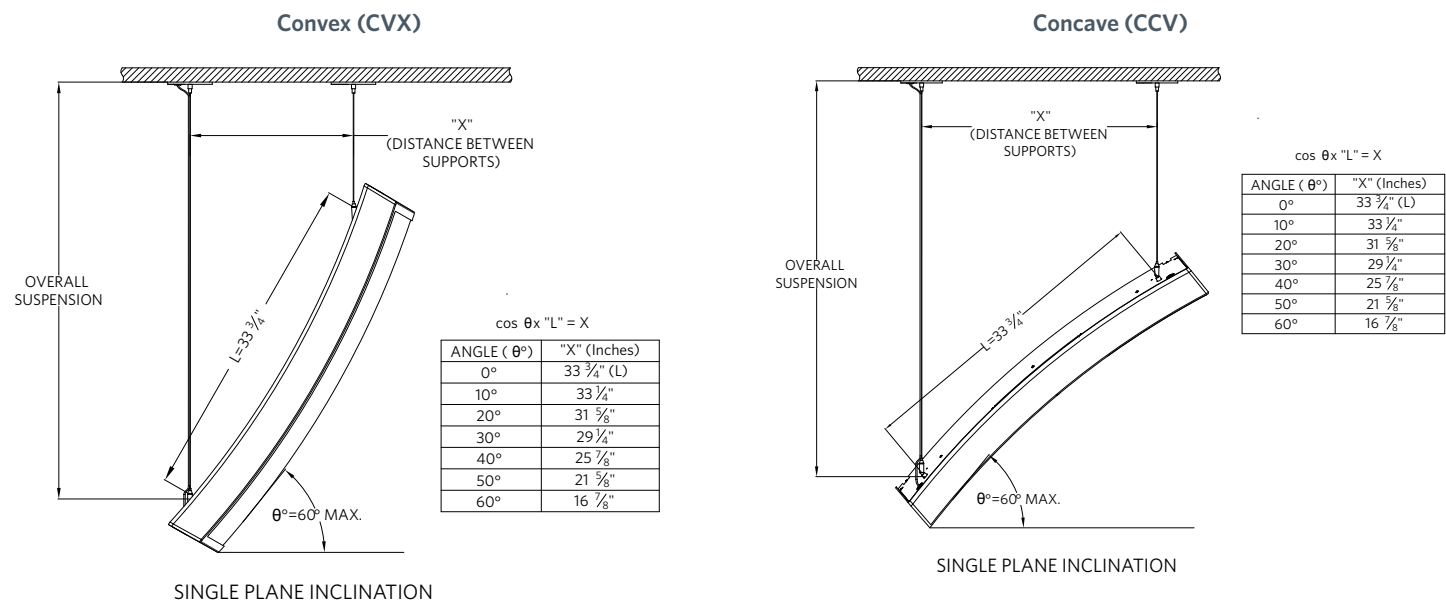
1'-10 1/4" X 1'-2 1/4" X 3"



LUMINAIRE SUSPENSION DETAILS



MOUNTING ANGLE VIEW SQUARE



*When suspending the luminaire at an angle please use the above tables for guidance to ensure your cables hang straight.

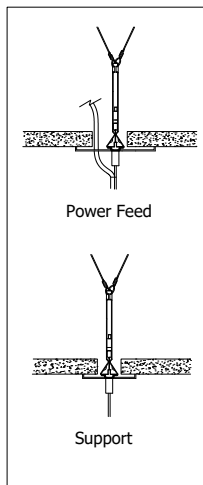
MOST COMMON MOUNTING TYPES AND OPTIONS Options available for this specific luminaire are checked in the boxes below.

Mounting Type

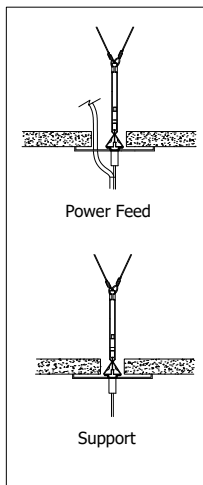
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface mount horizontal J-box applications.
- F5/** Open Ceiling Closed Loop AC Cable
- F5A/** Open Ceiling Bolt to Ceiling AC Cable

F1 - T-BAR CEILING (UNIVERSAL MOUNTING BRACKET)

F1

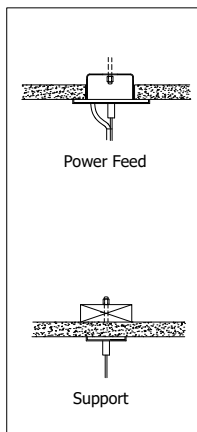


F1/MCS

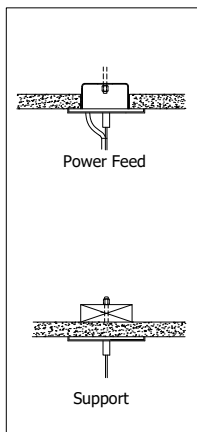


F2 - HARD CEILING (HORIZONTAL J-BOX)

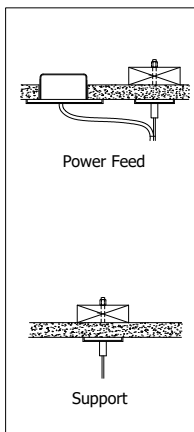
F2



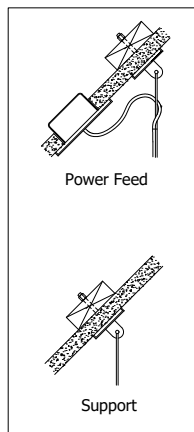
F2/MCS



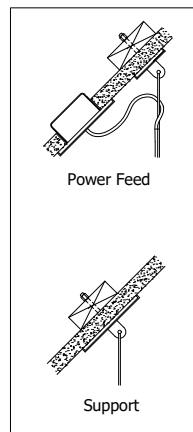
F2/OJB



F2/SLP OJB

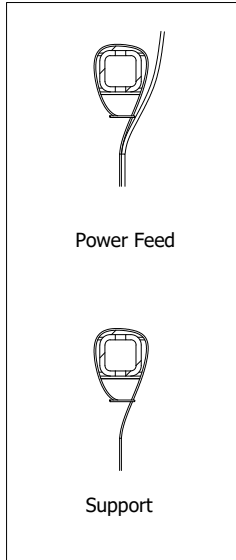


F2/SLP OJB MCS



F5 - OPEN CEILING CLOSED LOOP AIRCRAFT CABLE

F5



F5A - OPEN CEILING 'BOLT TO CEILING SYSTEM' AIRCRAFT CABLE

F5A

F5A/MCS

