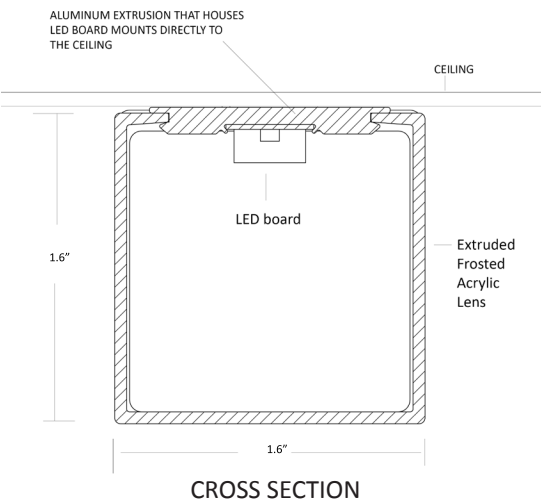ZED-X

ZED-X SURFACE MOUNTED FIXTURES DESCRIPTION

ZED-X replaces our ZED collection of products with newly designed surface mounted and suspended configurations. ZED-X is a simple solutions where small profile linear fixtures are desired at exceptional price points. ZED-X is highly customizeable enabling linear designs with angled bends from 90-170 degrees. ZED-X modules come prefabricated on their own aluminum substrate able to be mounted directly to any hard surface . Guide angle tools are provided with each fixture to assist the installer to align the angle and spacing between each module as to secure each LED board in the exact position. Once all modules are in place, lenses simply snap into each module each with its own corresponding cut or mitered angle. ZED-X fixtures feature low profile flush mounted sleek designs with uniform illumination and minimal cool spots at angle or connection points. Corner bracket are available in either brushed stainless steel or in a powder coated finish as an option if desired. ZED-X drivers are directly above the ceiling or within 40 feet of each fixture in NEMA enclosures . All ZED-X drivers are universal 120-277 V with 0-10 V dimming. ZED-X provides a choice of 3000K, 3500K and 4000K. ZED-X requires hard ceilings and the ability to remote LED drivers in all its installations. ZED-X distinguishes itself from other surface mounted products with its unique minimalistic design, and unincumbered lens.

ALUMINUM EXTRUSION THAT HOUSES LED BOARD MOUNTS DIRECTLY TO THE CEILING

CEILING

LED board

1.6"

Extruded Frosted Acrylic Lens

1.6"

CROSS SECTION

ZED-X-LINEAR

ZED-X linear are available in three different lengths. One LED driver can drive multiple linear fixtures of the same size. Settings that require ZED-X linear fixtures of different lengths are powered by 2-3 drivers that can potentially all be located in one enclosure.
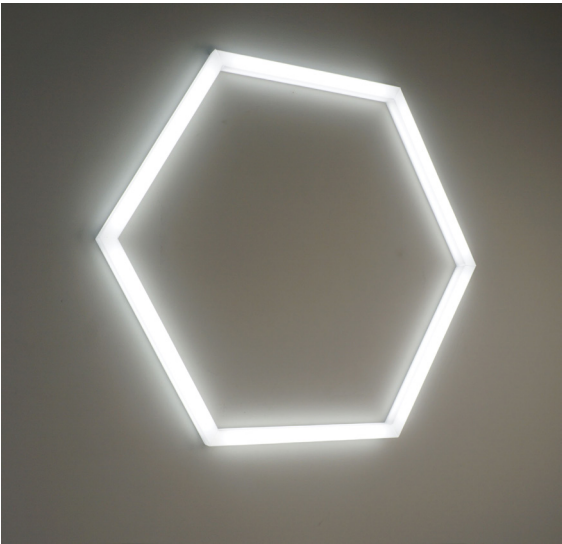

Model	Dimension	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-LIN-A	24" L	1401	9	156	700
ZED-LIN-B	46" L	2784	18	163	725
ZED-LIN-C	60" L	3598	22	163	720

ZED-X-HEX

ZED-X hexagons are available in three dimensions. The widths that are provided in the chart below reflect the widest dimension from corner to corner. Our hexagons are excellent options where surface mounted fixtures are desired either for aesthetic reasons or due to low ceilings. Compared to recessed linear products, ZED-X provides viable alternatives in design and cost.   Unlike recessed linear that generally are generally integrated in original construction, ZED-X HEX as in all products of this family can be readily installed in many existing buildings at any point in time. Consider this design in a concentric formation going inward from large to small, or of several fixtures layed out in a honeycomb formation.

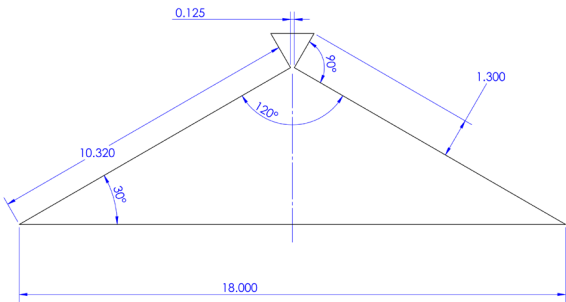
ZED-X-HEX ILLUMINATION DETAILS

Model	Width	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-X-HEX-A	47.25"	7528	48	157	627
ZED-X-HEX-B	91.5"	15033	90	167	626
ZED-X-HEX-C	119"	19149	120	159	638

CORNER BRACKET OPTION

While very minor in nature, some specifiers may find the light loss around the corners objectionable. This light loss is inevitable and accentuated in the design of sleeker and small profile frames. Corners brackets in brushed stainless or painted finishes are available as an option to fully cover cooler areas.

Using a guide tool that locks in both the distance and angle between each module the installer is able to identify the specific location of each module required for a hexagon or other design configurations

Photo to the left:
Size A withbrackets
ZED-X-HEX-A-BR

ZED-X-SQUARE & ZED-X-RECTANGLE

ZED-X-SQ and ZED-X-RCT are each available in the three sizes listed below. Like other ZED-X fixtures, guide tools are provided to the installer to easily locate the exact locations required in the ceiling for LED modules. Optional metal corner brackets are available as well in brushed stainless or in a painted finish. Consider these formation in a concentric designs or side by side layed out organically in a variety of sizes.

ZED-X-SQUARE ILLUMINATION DETAILS

Model	Dimension	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-X-SQ-A	25"	5571	36	156	696
ZED-X-SQ-B	47"	11130	68	164	695
ZED-X-SQ-C	61"	14394	90	160	719

ZED-X-RECTANGLE ILLUMINATION DETAILS

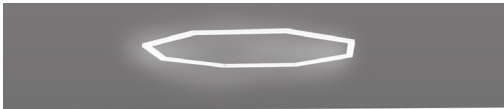| Model	Dimension	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-X-RCT-A	25" X 47.25"	8670	52	167	722
ZED-X-RCT-B	47.25" X 61"	12761	78	163	709
ZED-X-RCT-C	25" X 61"	9982	62	161	713

Above: ZED-X-SQ-A on wood ceiliing

ZED-X-OCTAGON

Octagon shaped surface mounted fixture available in 3 different sizes .

ZED-X-OCT ILLUMINATION DETAILS

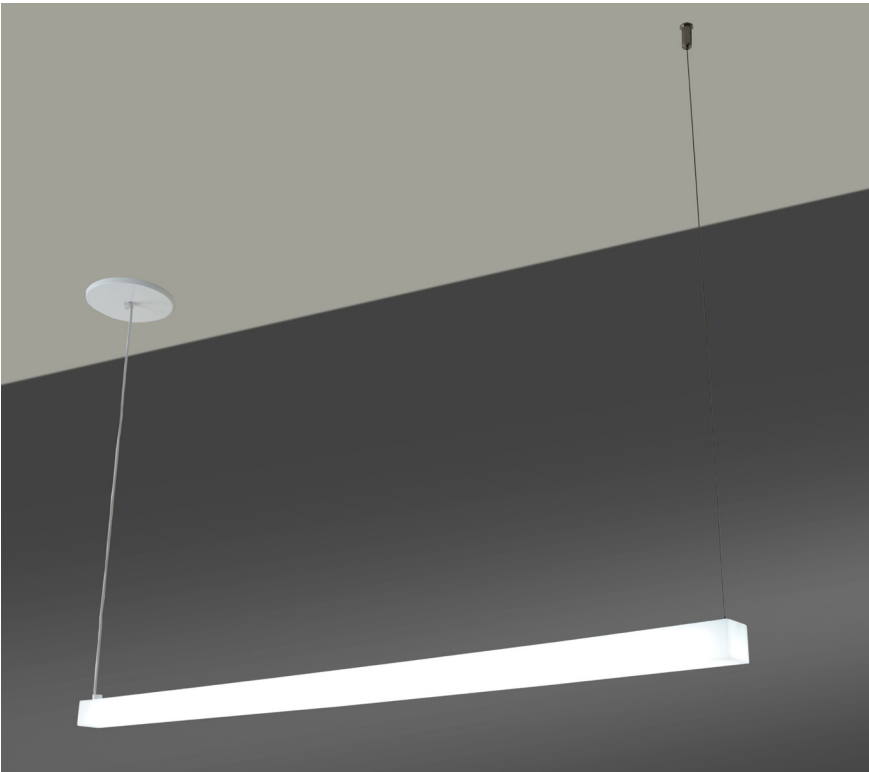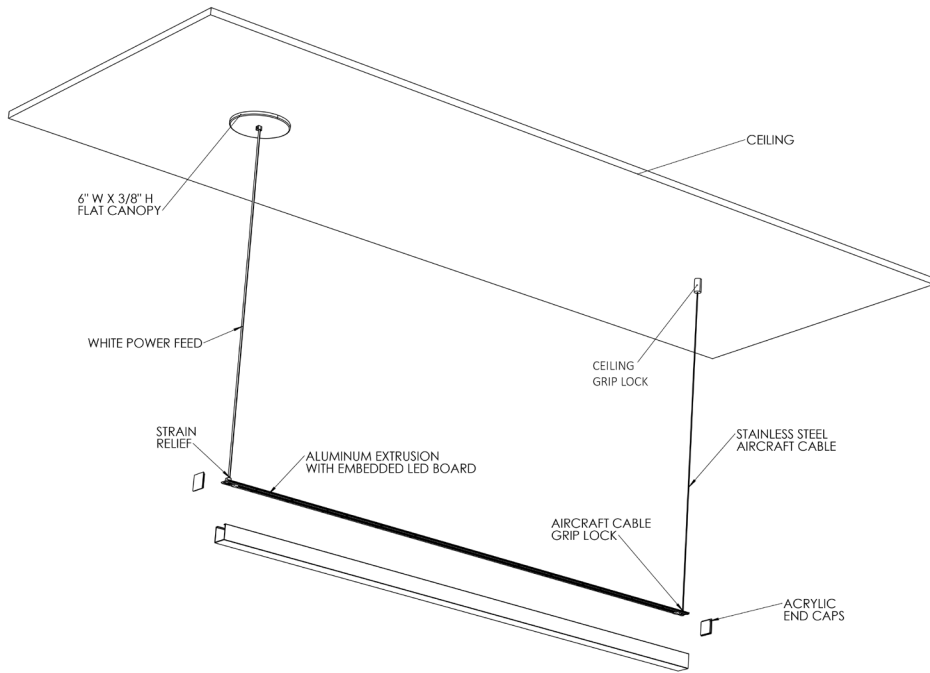| Model	Width	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-X-OCT-A	58"	11142	75	149	696
ZED-X-OCT-B	112"	22260	152	146	718
ZED-X-OCT-C	146"	26617	174	153	665

Conceptual ZED-X-OCT-B

ZED-XS-LIN

While other products in this collection are all surface mounted , the components similarity in the components between those and the two suspended fixtures that follow compelled us to include these as well in this brochure. Designed with simplicity in mind ZED-XS-LIN and ZED-XSC-LIN are sleek, and minimalistic in design yet provide admirable illumination.
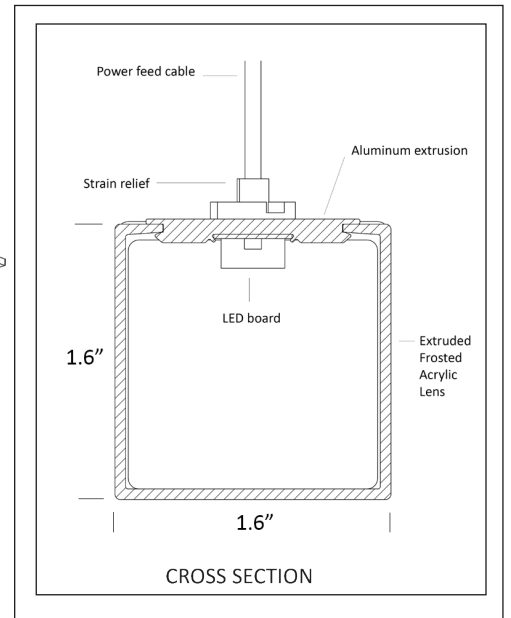
This fixture is suspended at one end with aircraft cable and on the other with a power cord. Available in two different sizes powered by universal 120-277 V input drivers with 0-10 V dimming. Drivers can be either remotely located or in surface mounted canopy. ZED-XS-LIN provides three directional illumination with virtual full illumination throughout acrylic lens

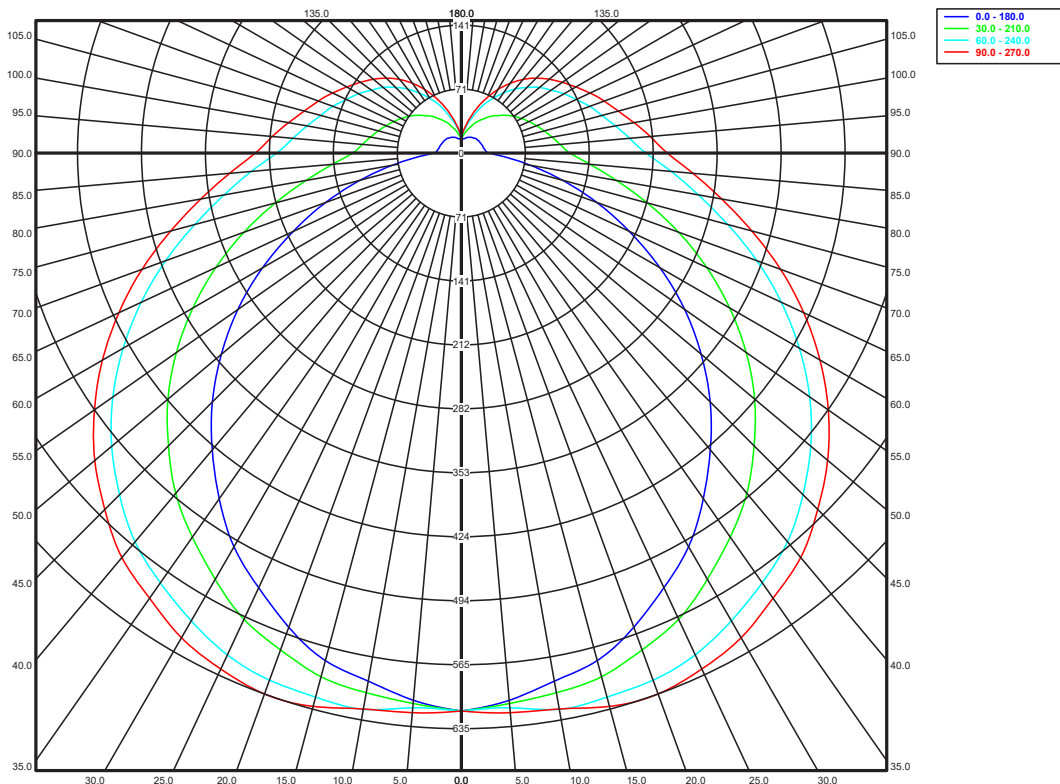Photo on right, is of ZED-XS-LIN-A-RM

EXPLODED VIEW

CROSS SECTION

ZED-XS-LIN ILLUMINATION DETAILS

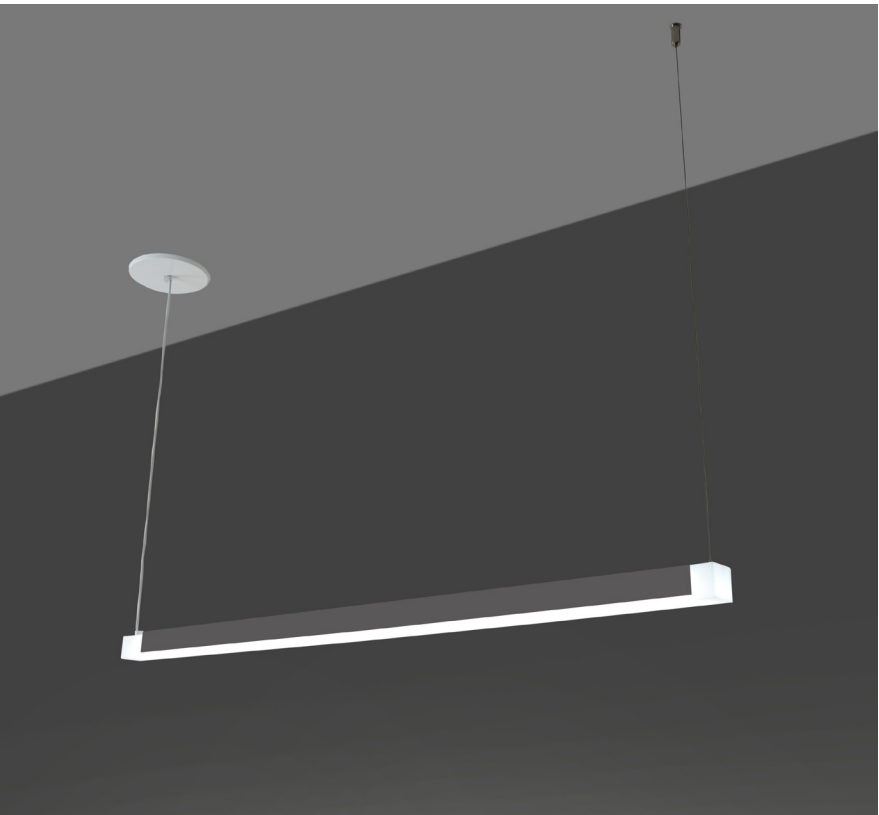| Model	Dimension	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-XS-LIN-A	46" L	2971	19	156	775
ZED-XS-LIN-B	60" L	3823	23	166	764

DISTRIBUTION PLOT ZED-XS-LIN-A

ZED-XSC-LIN

Whereas the model on the prior page is designed to produce 3 directional illumination, the addition of a U shaped skirt on the previous model ceates one with primary direct down light. As an accent , this skirt which is available in brushed stainless on in a powder coated finish does not fully extend to the bottom of the acrylic extrusion but leaves a 3/8" high luminous strip along its path.
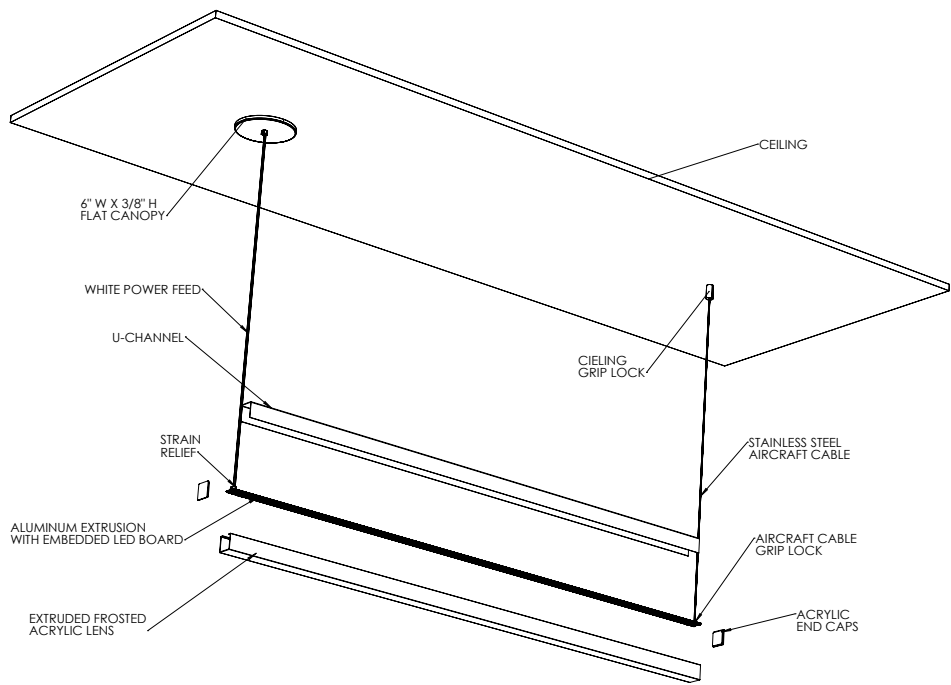
ZED-XSC-LIN is also available in 46" length as well as 60" length. ZED-XSC is suspendend on one end with a stainless steel aircraft cable and on the other end with a white power feed cord. Drivers can be installed either in a surface mounted canopy or remotely above ceiling in an NEMA enclosure
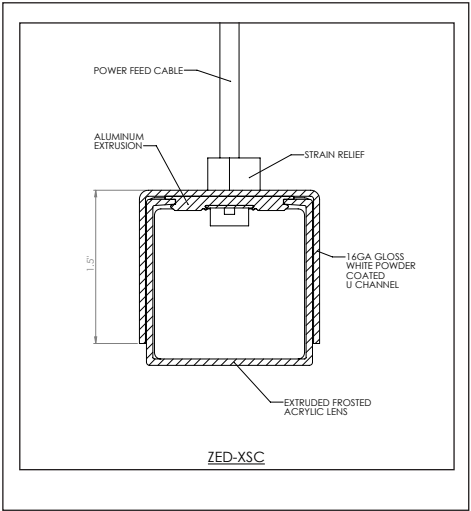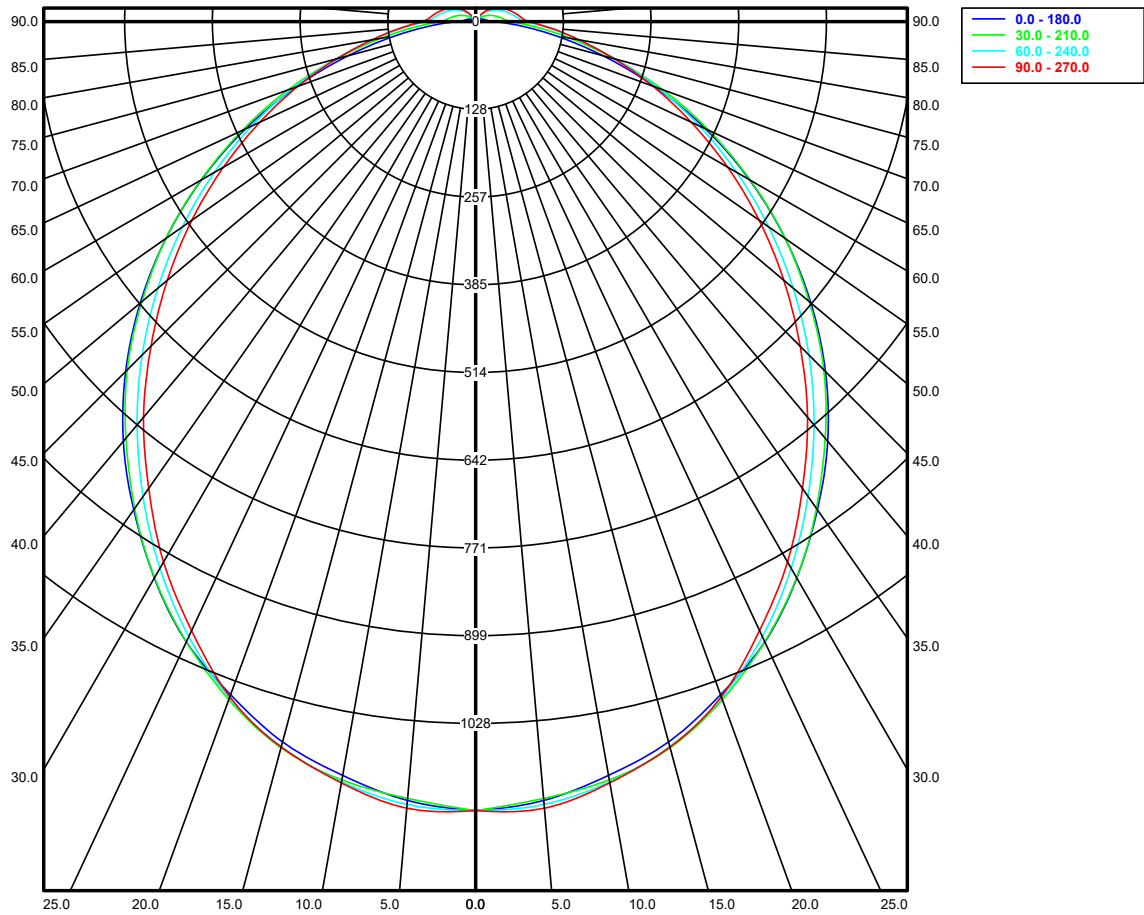

ZED-XSC-LIN-A-GRO6-RM

ZED-XSC-LIN ILLUMINATION DETAILS

Model	Dimension	Delivered lm	Wattage	lm/ watt	lm/foot
ZED-XSC-LIN-A	46" L	3287	31	106	857
ZED-XSC-LIN-B	60" L	4338	41	106	877

POWER FEED CABLE

ALUMINUM EXTRUSION

STRAIN RELIEF

16GA GLOSS WHITE POWDER COATED U CHANNEL

EXTRUDED FROSTED ACRYLIC LENS

ZED-XSC

CEILING

6" W X 3/8" H FLAT CANOPY

WHITE POWER FEED

U-CHANNEL

STRAIN RELIEF

ALUMINUM EXTRUSION WITH EMBEDDED LED BOARD

EXTRUDED FROSTED ACRYLIC LENS

CIELING GRIP LOCK

STAINLESS STEEL AIRCRAFT CABLE

AIRCRAFT CABLE GRIP LOCK

ACRYLIC END CAPS

EXPLODED VIEW OF ZED-XSC-LIN-B

DISTRIBUTION PLOT ZED-XSC-LIN-A