



PRODUCT SPECIFICATION

The USX series is designed for corner mount cell lighting in medium, maximum and super max security detention facilities.

Mounting

Surface mounts to corner.

Clam Shell Housing

One piece, die-formed cold rolled steel with seams welded and ground smooth, 14 gauge lens retainers and a full length, welded pin piano hinge. Stainless steel available.

Back Plate

16 gauge die-formed cold rolled steel with embossed mounting holes to create a contraband drop slot / irretrievable blade trap.

Internal Lens

Optic Plus lens (standard) completely hides diode image while providing greater than 90% light transmission.

Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

Hardware

Recessed, stainless steel, tamper-proof fasteners.

Driver

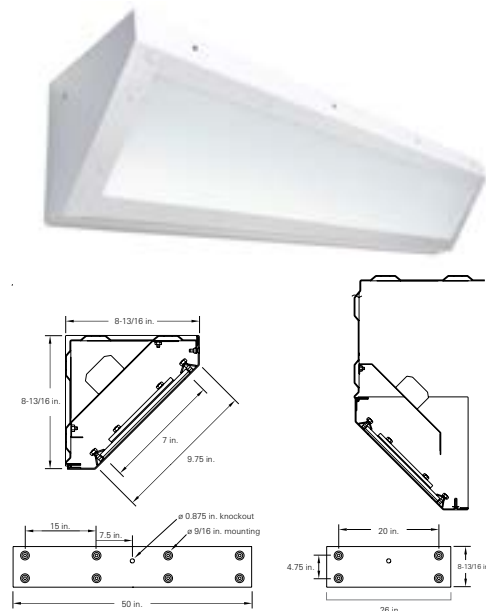
0-10Vdc 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

Wiring

Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Certifications

UL Listed damp or wet location. IP34 rated.
Covered ceilings only.



one two three four five six seven eight nine ten eleven twelve thirteen fourteen fifteen														
USX	-	-	/	-				DM	-	/	-			
one	Luminaire Size				seven	Finish				twelve	Door Fasteners			
2	2 ft fixture				R	Brushed stainless steel				AP	Stainless steel allen head with pin			
4	4 ft fixture				W	White				TP	Stainless steel torx head with pin			
two	LED Source				eight	Voltage				PH	Phillips head, non-security			
	Refer to the LED Source Table				VAR	Variable, 120-277 V, 50/60Hz				thirteen	Electrical Access			
	on Page 2 for available options.				347	347VAC, 60Hz				A	2.250 in. diameter access hole			
three	Color Temperature				nine	Driver				K	0.875 in. diameter knockout(s), <u>standard</u>			
30	3000K				DM	0-10Vdc Dimming, <u>standard</u>				fourteen	UL Listing			
35	3500K				ten	Internal Lens				D	Damp Location			
40	4000K				122	Optic Plus LED diffusing acrylic, <u>standard</u>				W	Wet Location			
50	5000K				130	.125 in. LED diffusing Lexan				fifteen	Options			
four	CRI				53	.125 in. K12 prismatic acrylic				2C	Two-circuit wired			
80	80 CRI				12	.125 in K12 prismatic polycarbonate				CU	Canadian UL Listing			
90	90 CRI				15	.156 in. K12 prismatic polycarbonate				EM	Emergency battery backup			
five	Housing Gauge				16	.187 in. K12 prismatic polycarbonate				FH	Fuse and holder			
N	18 gauge, minimum security				75	.156 in. C73 prismatic tempered glass				IMS	Integral Occ Sensor			
D	16 gauge, medium security				eleven	External Lens				NL-LED	Night light, LED (Amber available)			
X	14 gauge, maximum security				33	.125 in. clear polycarbonate					5-100% Adjustability			
U	12 gauge, super max, <u>CRS only</u>				30	.187 in. clear polycarbonate				PS	Security push on/off switch			
six	Housing Material				32	.250 in. clear polycarbonate				SBP	Stainless steel backplate			
C	Cold rolled steel				36	.375 in. clear polycarbonate								
S	Stainless steel				38	.500 in. clear polycarbonate								
					90	.187 in. clear tempered glass								
					92	.250 in. clear tempered glass								
					96	.375 in. clear tempered glass								

Modifications are available to meet custom requirements.
Specifications and dimensions are subject to change without notice.

Delivered lumen output calculated using 122 inner lens and 32 (.250" Clear Polycarbonate) outer lens (Highlighted below).

Specified Output Option

Example Model:
USX4-**XX**¹SO-40/80-DCW-VARDM-122/32-(**XX**²/**LUMENS**)
LUMENS = You provide the lumens.
XX¹ = We will determine the number of rows.
XX² = We will provide the wattage information.