



The USS series is designed for ceiling surface mount cell lighting in medium, maximum and super max security detention facilities.

Mounting

Surface mounts to ceiling.

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 minimum 95% 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 dimming, Range 1%-100%, Factory programmable -40C Min. starting temperature, >0.9 PF, <20% THD

Wiring

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

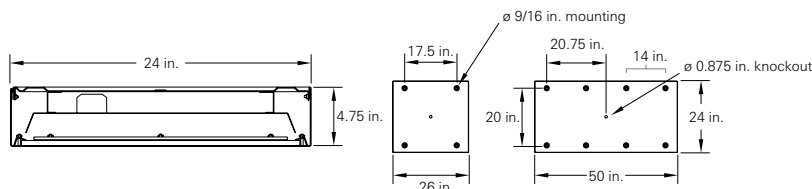
Job Name

Fixture Type

Catalog No.

Approval

Date



Certifications

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



USS one two three four five six seven eight nine ten eleven twelve thirteen fourteen fifteen - - / - - DM - / - -

one Luminaire Size

- 2 2 ft fixture
4 4 ft fixture

two LED Source

Refer to the LED Source Table on Page 2 for available options.

three Color Temperature

- 30 3000K
35 3500K
40 4000K
50 5000K

four CRI

- 80 80 CRI
90 90 CRI

five Housing Gauge

- N 18 gauge, minimum security
D 16 gauge, medium security
X 14 gauge, maximum security
U 12 gauge, super max, CRS only

six Housing Material

- C Cold rolled steel
S Stainless steel

seven Finish

- R Brushed stainless steel
W White

eight Voltage

- 120 120 V, 60 Hz
277 277 V, 60 Hz
347 347VAC, 60Hz
VAR Variable, 120-277 V, 50/60Hz

nine Driver

- DM 0-10Vdc Dimming, standard

ten Internal Lens

- 122 Optic Plus LED diffusing acrylic, std
130 .125 in. LED diffusing Lexan
53 .125 in. K12 prismatic acrylic
12 .125 in. K12 prismatic polycarbonate
15 .156 in. K12 prismatic polycarbonate
16 .187 in. K12 prismatic polycarbonate

eleven External Lens

- 30 .187 in. clear polycarbonate
32 .250 in. clear polycarbonate
36 .375 in. clear polycarbonate
38 .500 in. clear polycarbonate
90 .187 in. clear tempered glass
92 .250 in. clear tempered glass
96 .375 in. clear tempered glass

twelve Door Fasteners

- AP Stainless steel allen head with pin
TP Stainless steel torx head with pin
PH Phillips head, non-security

thirteen Electrical Access

- A 2.250 in. diameter access hole
K 0.875 in. diameter knockout(s), std

fourteen UL Listing

- D Damp Location
W Wet Location

fifteen Options

- SO Specified output*
2C Two-circuit wired
CU Canadian UL Listing
EM Emergency battery backup
FH Fuse and holder
IMS Integral Occ Sensor
NL-LED Night light, LED (Amber available)
5-100% Adjustability

* Indicated as SO(xx/xxxx). Specified output, Input watts / delivered lumens to be determined based on specified requirements.

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

Lens Multiplier – Use the multipliers below to adjust the delivered lumens					
Internal Lens			External Lens		
53	.125 in. K12 prismatic acrylic	1.00	30	.187 in. Clear polycarbonate	1.02
12	.125 in K12 prismatic polycarbonate	.98	32	.250 in. Clear Polycarbonate	1.00
15	.156 in. K12 prismatic polycarbonate	.97	36	.375 in. Clear polycarbonate	.96
16	.187 in. K12 prismatic polycarbonate	.95	38	.500 in. Clear polycarbonate	.92
122	Optic Plus diffusing acrylic	1.00	90	.187 in. Clear tempered glass	1.04
130	.125 in. LED diffusing Lexan	.95	92	.250 in. Clear tempered glass	1.03
90 CRI Multiplier		.83	96	.375 in. Clear tempered glass	.99

Specified Output Option

XX² = We will provide the wattage information.