USBN-LED

Maximum Security Surface Mount **LED** Ceiling

PRODUCT SPECIFICATION

The USBN series is designed for ceiling surface mount cell lighting in medium, maximum and super max security detention facilities. The unique lens design maximizes fixture efficiency.

Job Name

Fixture Type

Catalog No.

Approval Date

Mounting
Surface mounts to ceiling.

Clamshell Housing
One piece, die-formed cold rolled steel with seams welded and ground smooth, 14 gauge lens retainers and our unique hinge-free system allowing the housing to be completely removed for ease of installation and servicing. Stainless steel available.

Back Plate
16 gauge die-formed cold rolled steel.

Internal Lens
One piece vandal resistant prismatic polycarbonate inner lens with a one piece clear polycarbonate outer lens (if required).

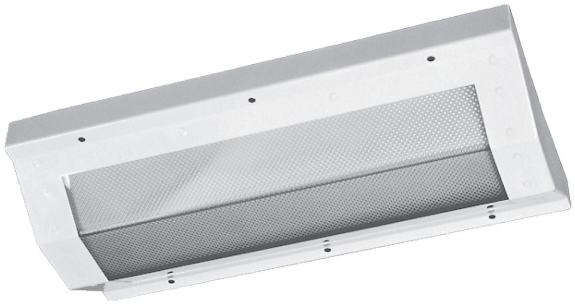
Finish
Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

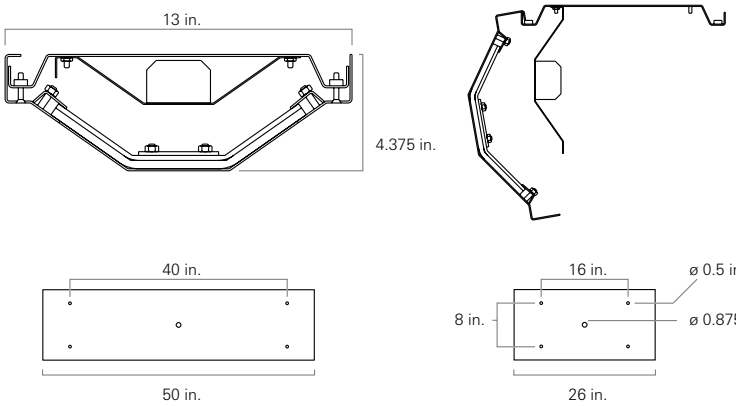
Hardware
Recessed, stainless steel, tamper-proof fasteners.

Driver
0-10Vdc dimming, Range 1%-100%
-40°C 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.

Certifications
UL Listed damp location. IP44 rated. Covered ceilings only.





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	one	two	three	four	five	six	seven	eight	nine	ten	eleven	twelve	thirteen

one Luminaire Size
2	2 ft fixture
4	4 ft fixture

two LED Rows
3L	Three

three Color Temperature
30	3000K
35	3500K
40	4000K
50	5000K

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

five Housing Material
C	Cold rolled steel
S	Stainless steel

six Finish
R	Brushed stainless steel
W	White

seven Voltage
120	120 V, 60 Hz
277	277 V, 60 Hz
VAR	Variable, 120-277 V, 50/60Hz

eight Driver
DM	0-10Vdc Dimming, standard

nine Internal Lens
15	.156 in. K12 prismatic polycarbonate
16	.187 in. K12 prismatic polycarbonate

ten External Lens
30	.187 in. clear polycarbonate
32	.250 in. clear polycarbonate
36	.375 in. clear polycarbonate

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

twelve Electrical Access
A	2.250 in. diameter access hole
K	0.875 in. diameter knockout(s), std

thirteen Options
SO	Specified output*
2C	Two-circuit wired
CU	Canadian UL Listing
EM	Emergency battery backup
FH	Fuse and holder
NL-LED	Night light, LED
IMS	Integral Occ Sensor

* 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.

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