SUPER MAX SMP

High Security Confinement

SMP Series LED

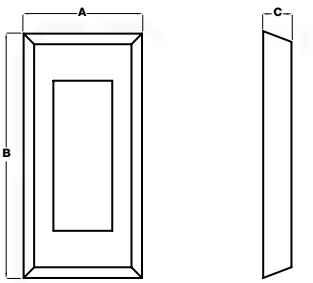
Fixture Type	Date
Job Name	Approved By
Catalog Number	

SPECIFICATIONS

Description	The Super Max SMP Confinement Surface Mount Luminaire is ideally suited for behavioral institutions and correctional facilities. Available options provide suitability for minimum to maximum security locations. A ligature resistant design is standard for all variations of the Surface Mount series. Various materials and lumen outputs are available to satisfy nearly any conceivable institutional requirement.
Housing	One piece die formed housing, available in stainless or cold rolled steel. All corners and seams continuously welded smooth. Hinge design protects from unauthorized fixture entry.
Mounting Plate	Die formed from same material as housing. Integral mounting bosses provide for entrapment of concealed contraband. Provisions for heavy duty hardware for direct mounting to building surface. Integral side locks align housing to mounting plate via locking tabs.
Gear Tray	Field replaceable integral unit containing LED circuit board, driver, reflector, and modular wiring. Optional dimmable driver available. Designed for quick replacement within the cell environment. LED smart board design provides auto-compensate feature to ensure fail safe operation in the event of multiple LED chip failures. High efficacy Nichia LED's mounted directly to integral heat sink for maximum thermal dissipation. Available with optional field adjustable LED night lights.
Hinge	Internal welded and continuous piano-type hinge (1/4" knuckle/ 1/8" diameter pin) standard. Optional full length hinge available (SM12 & SM22 - 12" length; SM13 & SM23 - 23" length).
Lens	Maximum combined thickness of 0.75" and a minimum thickness of 0.25". Clear lens combinations include high efficacy LED diffusion material.
Lens Retention	Vertically adjustable "Z" brackets secure lens to housing via internally welded stainless steel studs and heavy duty hardware.
Fasteners	Hardened tamper resistant security screws with cage nuts. Fully recessed.
Finish	Brushed stainless steel or electrostatically applied white polyester powder coating.
LED	Nichia 3030 LED's @ 2700K, 3000K, 3500K, 4000K, or 5000K in 80 CRI. L70 projected life of >60,000 hours at 50º C.
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/buy-american for additional information.
UL Listing	U.L., C.UL. Damp Location Listing standard, Wet Location Listing optional.
Warranty	**10-year warranty** on LED boards against operational defects. Tested in accordance with LM-80.
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. Specifications subject to change without notice.

DIMENSIONAL DATA

	A	B	C
SMP S12	11"	23"	2.75"
SMP S13	11"	37"	2.75"
SMP S22	17"	23"	2.75"
SMP S23	17"	37"	2.75"



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ORDERING INFORMATION

Example: SMP S12 H14CRSP MIN1 25W 27K 120 ALS 10ES WHT

Series*	Size (Nominal)*[1]	Housing*	Drivers*	Wattage (Nominal)[1]	Lumens (For PRD Only)
SMP Surface Mount Luminaire for Correctional and Behavioral Health Spaces	S12[2] 11" by 23" S13[3] 11" by 37" S22 17" by 23" S23 17" by 37"	H12CRSP 12ga Cold Rolled Steel Painted Housing H12SSB 12ga Stainless Steel Housing H14CRSP 14ga Cold Rolled Steel Painted Housing H14SSB 14ga Stainless Steel Housing H16CRSP 16ga Cold Rolled Steel Painted Housing H16SSB 16ga Stainless Steel Housing	MIN1 Dimming to 1% MIN10 Dimming to 10% NODIM Non-Dimming Driver PRD Driver Programmed to Specific Lumen Output. *To specify lumens, see size and lumen chart, Consult Factory* *PRD not available with Wattage* *PRD standard 0-10V dimming to 1%*	15W 25W 50W 100W *Required for all drivers except PRD driver* *To specify wattage, see size and wattage chart*	400LM - 10800LM - Lumens Available in 100LM Increments *Lumens required if PRD driver chosen*

CCT*	Voltage*	Lamp Side Lens*	Environmental Side Lens*	Finish*
27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	120 120 Volt 277 277 Volt MVOLT 120-277 Volt	ALS .125" DR Prismatic Acrylic Lamp Side BLS .125" Prismatic Polycarbonate Lamp Side CLS .125" Clear Polycarbonate Lamp Side DLS .156" Prismatic Polycarbonate Lamp Side D1LS .187" Prismatic Polycarbonate Lamp Side ELS .250" Clear Polycarbonate Lamp Side FLS .250" Clear Tempered Glass Lamp Side GLS .375" Clear Polycarbonate Lamp Side HLS .375" Clear Tempered Glass Lamp Side ILS .500" Clear Polycarbonate Lamp Side JLS .500" Clear Tempered Glass Lamp Side NOLS[7] No Lamp Side Lens	1ES .125" Clear Polycarbonate Environmental Side 2ES .187" Clear Polycarbonate Environmental Side 3ES .187" Clear Tempered Glass Environmental Side 4ES .250" Clear Acrylic Environmental Side 5ES .250" Clear Polycarbonate Environmental Side 6ES .250" Clear Tempered Glass Environmental Side 7ES .375" Clear Polycarbonate Environmental Side 8ES .375" Clear Tempered Glass Environmental Side 9ES .500" Clear Polycarbonate Environmental Side 10ES .500" Clear Tempered Glass Environmental Side NOES[7] No Environmental Side Lens	BLK Black WHT White BRZ Bronze GRY Gray SIL Silver BRSS Brushed RALTBD RAL Paint Finishes *RALTBD for pricing only. Replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options* *BRSS only available with Stainless Steel*

*Required

OPTIONS

Emergency	Environment	Fusing
EMB10ST[4] Self-testing, self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 Standards. 1000 lumens	WL Wet Location	GLR[5] Fuse and Fuse Holder

Nightlight[6]	Hinge
AMBNL Amber LED Night Light with field adjustable levels with peak wavelengths at 593 nm. Requires separately controlled circuit. Consult factory for availability LEDNL LED Night Light with field adjustable levels matched to CCT of main source. Requires separately controlled circuit REDNL Red LED Night Light with field adjustable levels with peak wavelength at 621 nm. Requires separately controlled circuit. Consult factory for availability	FLH Full Length Hinge

Ordering Notes
1. See Size and Wattage Chart.
2. Not available with MIN1 and Nightlight
3. Not available with MIN1 and EMB10ST
4. Not available in S12 or S22
5. Not available with MVOLT
6. Not available in S13 with EMB10ST
7. Not available with NOLS and NOES together

Accessories: *Order as separate catalog number*
CTX TORX® Head Bit for High Security Confinement *Initial shipment includes one (1) CTX per fixture.*

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SIZE & WATTAGE CHART

Size	Wattage
SMP S12	15W | 25W
SMP S13	25W | 50W
SMP S22	25W | 50W
SMP S23	50W | 100W

SIZE & LUMEN CHART (For PRD)

Size	Lumen Range
S12	400LM - 2400LM
S13	900LM - 5100LM
S22	900LM - 5400LM
S23	1900LM - 10800LM

PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens				
			2700K	3000K	3500K	4000K	5000K
SMP S12	15W	14.6W	1483	1499	1530	1577	1625
SMP S12	25W	27.1W	2165	2188	2234	2303	2372
SMP S13	25W	27.0W	2489	2515	2568	2648	2727
SMP S13	50W	54W	4696	4746	4846	4995	5145
SMP S22	25W	27.4W	2627	2655	2711	2795	2879
SMP S22	50W	55W	4957	5010	5115	5273	5431
SMP S23	50W	55W	5261	5317	5429	5597	5765
SMP S23	100W	109W	9838	9943	10152	10466	10780
SMPxxx	PRD		Programmable Driver. Specify Delivered Lumens in Ordering Information, see Chart above.				

Performance data based upon SMP S23 H16CRSP 100W 40K CLS 1ES photometry file
(The CLS 1ES lens configuration represents .125" Clear Polycarbonate Lamp Side & .125" Clear Polycarbonate Environmental Side)

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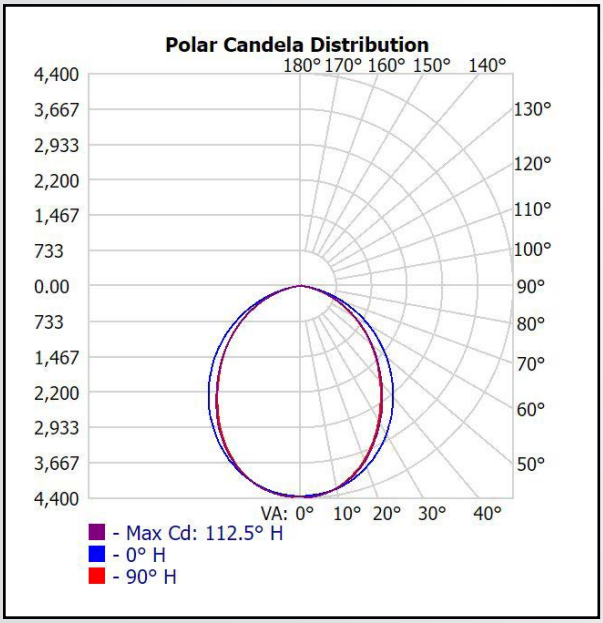
PHOTOMETRIC DATA

Lumen values are from photometric tests from an accredited laboratory. Data is considered to be representative of the configurations shown, within generally accepted industry tolerances.

MODEL SMP S23 H16CRSP 100W 40K CLS 1ES
Delivered Lumens: 10,466 Lumens



Total Power: 110W

Zone	Lumens	% Lamps
0 - 30	3282	31.4
0 - 40	5225	49.9
0 - 60	8711	83.2
60 - 90	1722	16.5
0 - 90	10433	99.7
90 -180	33	0.3
0 - 180	10466	100.0

Testing was performed in accordance with IES LM-79-08

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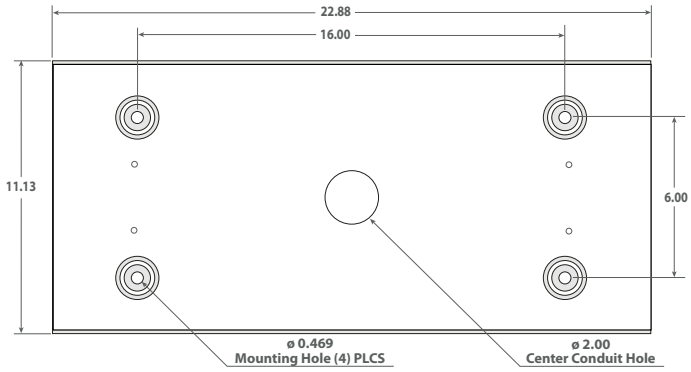
MOUNTING PLATE DETAILS

SMP S12



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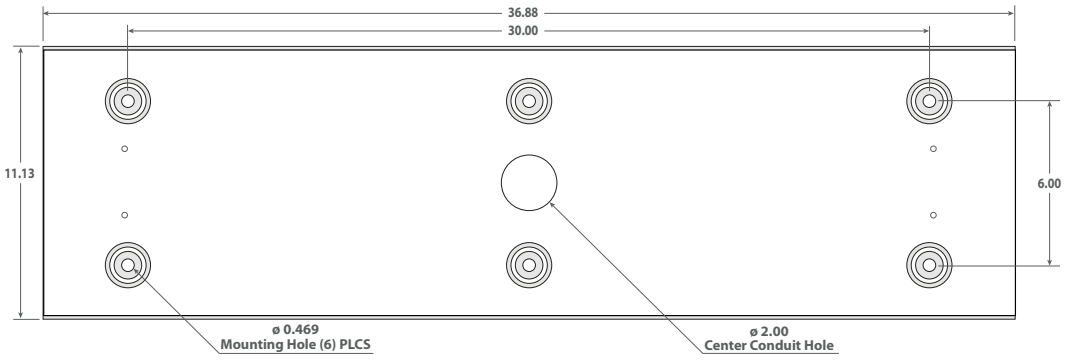

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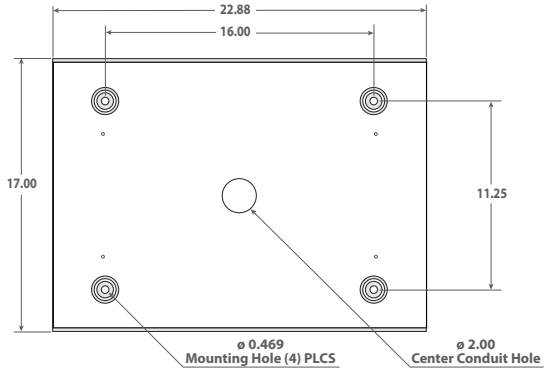

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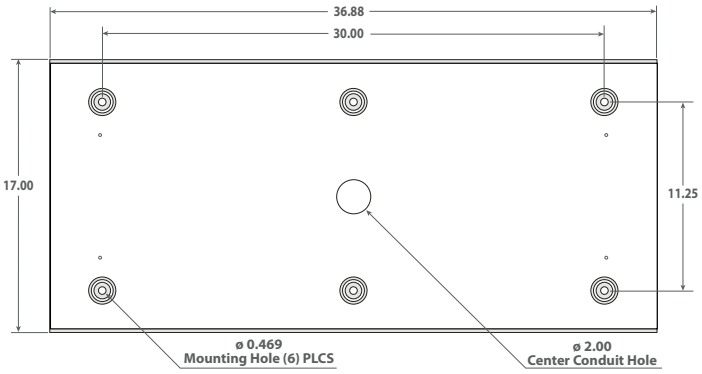

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