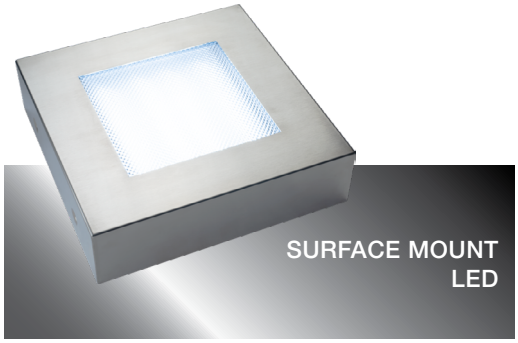


SUPER MAX SMQ

High Security Confinement

SMQ Series LED

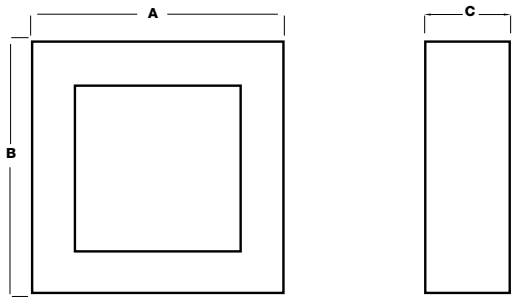
Fixture Type	Date
Job Name	Approved By
Catalog Number	

SPECIFICATIONS

Description	The Super Max SMQ Confinement Surface Mount Luminaire features a ligature-resistant construction, and is ideally suited for behavioral institutions and correctional facilities. Available options provide suitability for minimum to maximum security locations. 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 steels. 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, long-life mid-power board featuring Samsung 561B+ LED's mounted directly to integral heat sink for maximum thermal dissipation.
Hinge	Concealed welded piano-type hinge (1/4" knuckle/ 1/8" diameter pin) standard.
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	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L 70 projected life of over 130,000 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 (covered ceilings) optional.
Warranty	**10-year** warranty on LED boards against operational defects. Tested in accordance with LM-80. Driver covered by manufacturer's warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.
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
SMQ Q11	13.5"	13.5"	4.0"



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ORDERING INFORMATION

Example: SMQ Q11 H12CRSP MIN1 25W 27K MVOLT ALS 1ES BLK

Series*	Size (Nominal)*	Housing*	Drivers*	Wattage (Nominal)	Lumens (For PRD Only)
SMQ Surface Mount for Correctional and Behavioral Health Spaces	Q11 13.5" by 13.5"	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,Consult Factory *PRD not available with Wattage* *PRD standard 0-10V dimming to 1%*	15W 25W *Required for all drivers except PRD driver*	500LM - 2200LM - 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[1] No Lamp Side Lens 0.25 Thick Minimum Combination of Lenses	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[2] .500" Clear Polycarbonate Environmental Side 10ES[2] .500" Clear Tempered Glass Environmental Side NOES[3] No Environmental Side Lens Up to 0.75" Thick Maximum Combination of Lenses	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

Environment	Fusing	Nightlight
WL Wet Location	GLR[4] Fuse and Fuse Holder	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

Ordering Notes
1. Cannot combine with 1ES, 2ES, 3ES or NOES
2. Cannot combine with GLS, HLS, ILS or JLS
3. Cannot combine with ALS, BLS, CLS, DLS, DL1S or NOLS
4. Not available with MVOLT

Accessories: *Order as separate catalog number*

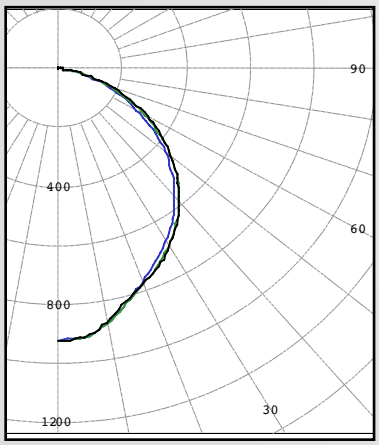
CTX TORX® Head Bit for High Security Confinement
Initial shipment includes one (1) CTX per fixture.

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PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens				
			2700K	3000K	3500K	4000K	5000K
SMQ Q11	15W	15.0	1159	1172	1196	1234	1271
SMQ Q11	25W	28.8	2014	2036	2079	2143	2207
SMQxxx	PRD		Programmable Driver. Specify Delivered Lumens in Ordering Information.				

MODEL SMQ Q11 25W 40K
Delivered Lumens: 2,143 Lumens



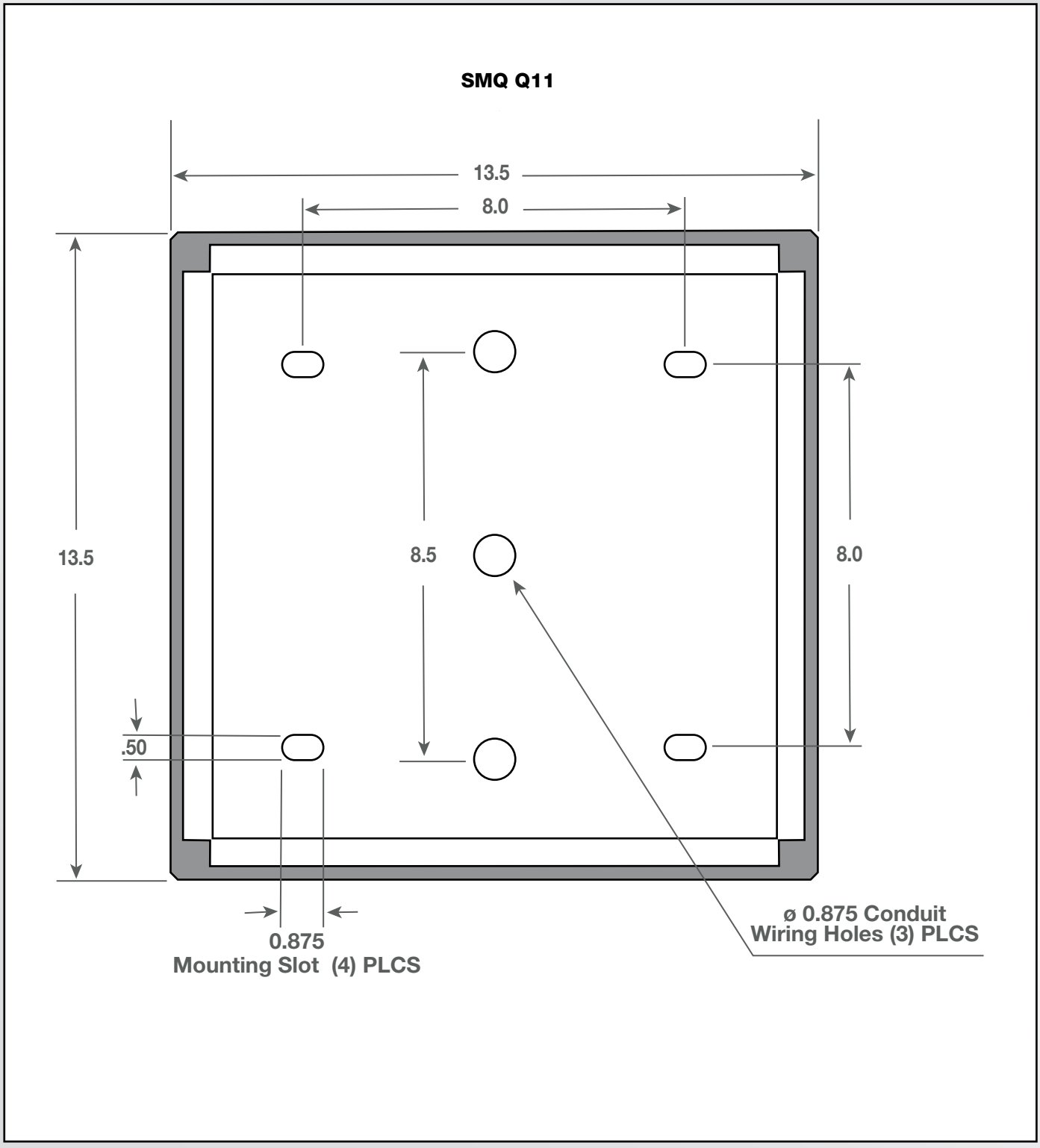
Total Power: 28.8W

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

Zone	Lumens	% Lamps
0 - 30	656	30.6
0 - 40	1055	49.2
0 - 60	1794	83.7
60 - 90	349	16.3
0 - 90	2143	100.0
90 -180	0	0.0
0 - 180	2143	100.0

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MOUNTING PLATE DETAILS



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