www.newstarlighting.com

CAPE COD SYSTEMS CORPORATION
TEL. 1-888-227-8555

PROJECT: _____
TYPE: _____
PRODUCT: _____
APPROVED BY: _____

SUD SERIES LED
SUD2/SUD4

SPECIFICATION FEATURES

CONSTRUCTION: Die formed, seam welded, and ground smooth cold rolled steel or stainless-steel clamshell design. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance. Angled housing shape designed to withstand physical abuse.

BACKPLATE: Die formed with contraband drop slot and embossed mounting holes (material to match housing). Security caulking between ceiling and fixture is not required with this backplate design.

HINGE: 16 gauge full length continuous, staked piano hinge with welded ends to prevent removal (material to match housing).

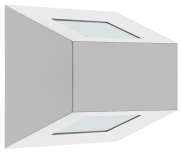
LENS: Outer and Inner lens options secured by "Z" retainers with welded studs spaced six inches apart for maximum strength.

LED: Available in three color temperatures 3500°K, 4000°K and 5000°K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 80 CRI standard. 0-10V dimming available with 10-100% range and 1-100% range. Must specify dimming under options.

FASTENERS: Tamper resistant countersunk flat head Torx screws with center pin reject.

FINISH: White powder coat finish following multistage iron phosphate pre-treatment.

GASKET: Black neoprene gasket around door frame to prevent light leaks.



APPLICATIONS: Correctional, Detention Centers, High Abuse, Minimum/Maximum Security, Public Areas, Public Housing, Warehouses, and more.

MOUNTING: Surface wall installation. Hardware by others.

LABEL: Fixture is certified to UL standards by Intertek Testing Laboratories.

Intertek

ORDERING INFORMATION

Example: SUD2-B-LA401C-A/C-UN

SERIES	SIZE	GAUGE	LUMEN OUTPUT*	COLOR TEMP.	CIRCUITS
SUD					
	2 = 2ft 4 = 4ft *Nominal Size. Dimensional Data on Page 2	B = 14Ga. CRS Painted C = 16Ga. CRS Painted D = 18Ga. CRS Painted E = 14Ga. SS Brushed F = 16Ga. SS Brushed G = 18Ga. SS Brushed H = 14Ga. SS Painted J = 16Ga. SS Painted K = 18Ga. SS Painted	LA = 1 Up/1 Down LB = 1 Up/2Down LC = 2 Up/2 Down LD = 2 Up/1 Down LE = 0 Up/1 Down LF = 1 Up/0 Down *Subject to change. Performance Data on Page 2	35 = 3500°K 40 = 4000°K 50 = 5000°K	1C = 1 Circuit 2C = 2 Circuits *Select 2C for Up/Down compartments to be independently circuited/controlled

OUTER LENS	INNER LENS	VOLTAGE	OPTIONS
0 = No Lens A = .125 Clear Poly. B = .156 Clear Poly. 1 = .187 Clear Poly. 2 = .250 Clear Poly. 3 = .375 Clear Poly. 4 = .500 Clear Poly. 5 = .187 Clear Temp Glass 6 = .250 Clear Temp Glass 7 = .375 Clear Temp Glass* 8 = .500 Clear Temp Glass* 9 = .750 Clear Temp Glass* *Must use with 14Ga	A = .125 Prismatic Acrylic B = .125 Prismatic Poly. C = .156 Prismatic Poly. D = .187 Prismatic Poly. E = .156 Prismatic Temp Glass F = .156 Prismatic Acrylic G = .140 DR Acrylic LC3 = .125 White Frosted Poly.	12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range FZ1 = Fuse (120V) FZ2 = Fuse (277V) LN = LED Night Light* (3500°K) EL1 = Emerg. Bat. LED Low** EL2 = Emerg. Bat. LED High** UV = .005 UV Absorbing Overlay AH = Allen Head screws with center pin reject SL = Flush Button Switch on Left (120V) SR = Flush Button Switch on Right (120V) * 3500°K Night Light with integrated switch allows light levels at 100%, 70%, 40% and 10%. Located in "Down" compartment. **Consult factory for CA Title 24 options. Illuminates "Down" compartment with integral test switch.

Notes:
This product complies with the Buy American Act requirements. Specifications and dimensions are subject to change without notice.
For additional options and dimensional details please consult your New Star Lighting Representative.

SUD SERIES LED
SUD2/SUD4

PERFORMANCE DATA*

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
SUD2	LA = 1 Up/1 Down	4000°K	2750	110	25
	LB = 1 Up/2Down	4000°K	4125	110	37.5
	LC = 2 Up/2 Down	4000°K	5500	110	50
	LD = 2 Up/1 Down	4000°K	4125	110	37.5
	LE = 0 Up/ 1 Down	4000°K	1375	110	12.5
	LF = 1 Up/0 Down	4000°K	1375	110	12.5
SUD4	LA = 1 Up/1 Down	4000°K	5500	110	50
	LB = 1 Up/2Down	4000°K	8250	110	75
	LC = 2 Up/2 Down	4000°K	11000	110	100
	LD = 2 Up/1 Down	4000°K	8250	110	75
	LE = 0 Up/ 1 Down	4000°K	2750	110	25
	LF = 1 Up/0 Down	4000°K	2750	110	25

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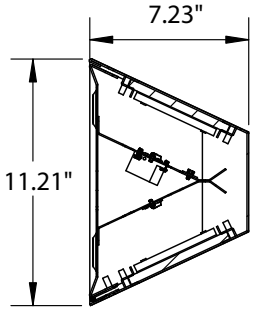
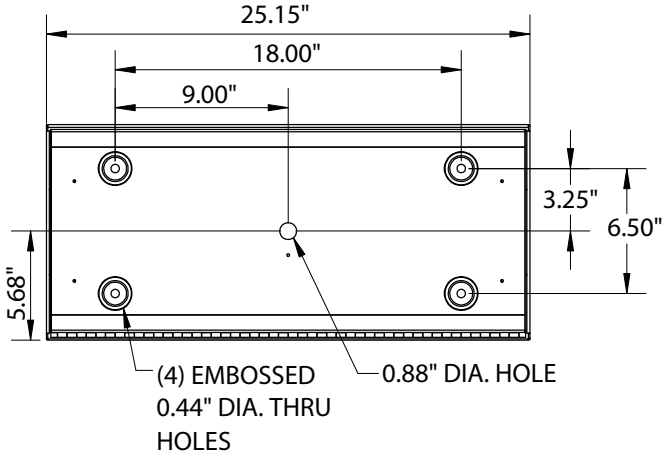
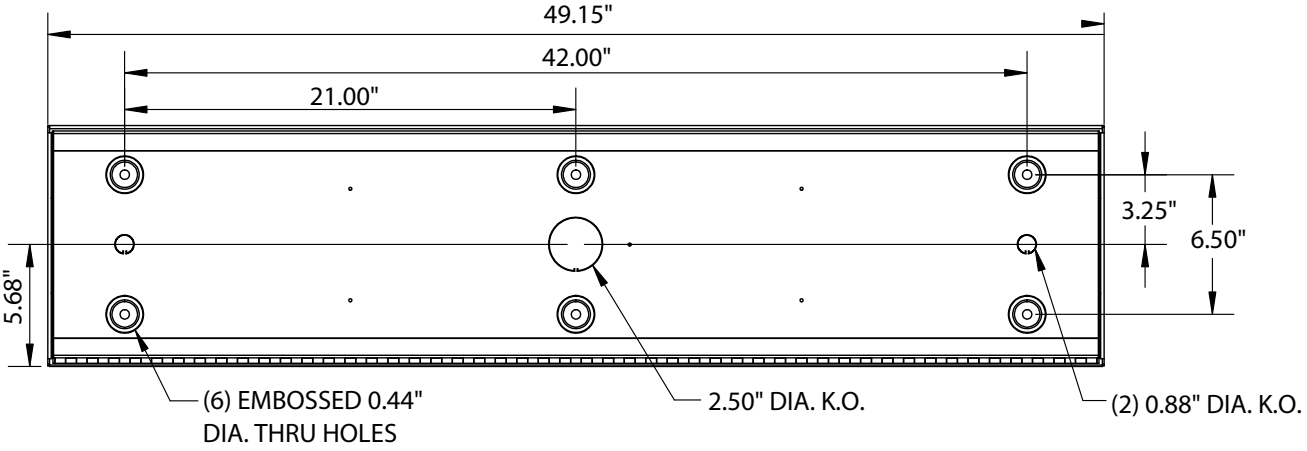
DIMENSIONAL DATA

Fixture weight varies and is dependent upon chosen specifications.
Average weight of the SUD2 is 30lb. Average weight of the SUD4 is 45lb. Consult factory for additional information.