

STRUCTURAL FRAME
PROVIDED BY CUSTOMER

H (VERTICAL FRAME OPENING SPACING)
W (HORIZONTAL FRAME OPENING SPACING)
SEE INSTALL NOTES #7 AND #8

DISPLAY FRAME DETAILS
TOP VIEW
SCALE 1/8

DISPLAY
PROVIDED BY DAKTRONICS

3' 10-13/16" [1188,7]
EYEBOLT SPACING

TOP VIEW

ANTENNA CAN BE TILTED 90°
ANTENNA HEIGHT 7"

(#12-24 x 1.5") MOUNTING
LOCATIONS FOR TEK SCREWS
USE PROVIDED HARDWARE
SEE INSTALL NOTES #5 THRU #9

4' 11-3/8" [1508,1]
OVERALL HEIGHT

4' 1-3/4" [1262,9]
ACTIVE HEIGHT

LIGHT SENSOR
(DO NOT BLOCK)

FRONT VIEW

9' 1-1/8" [2771,1]
ACTIVE WIDTH

9' 11-1/2" [3035,3]
OVERALL WIDTH

2-1/4" [57,2]
FALNGE WIDTH
4' 11-3/8" [1508,1]

OPTIONAL:
TEMPERATURE SENSOR
(PRIMARY)

2' 5/16" [617,5]
1' 8-1/4" [514,1]
1' 6-1/2" [469,6]

SERVICE ACCESS
0" [0]

VENTS
DO NOT BLOCK/COVER

REAR VIEW

2' 5/16" [617,5]

SIGNAL
INTERCONNECT
(MIRROR FACE)

9' 11-1/2" [3035,3]
8' 4-7/8" [2563]

POWER ENTRANCE
FOR 1/2" CONDUIT
SEE POWER RATING CHART

2' 4" [711,8]
1' 6-5/8" [472,3]
0" [0]

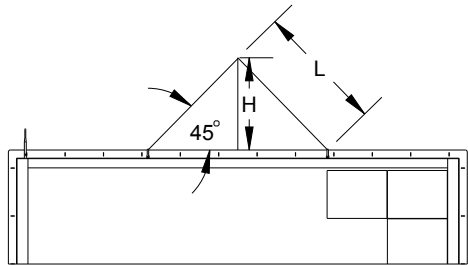
SUBMITTAL APPROVAL

- ☐ APPROVED
☐ APPROVED AS NOTED
☐ APPROVED AS NOTED & RESUBMIT

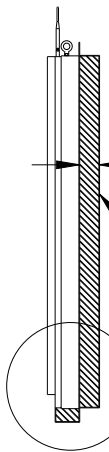
COMPANY: _____

SIGNED: _____

TITLE: _____ DATE: _____

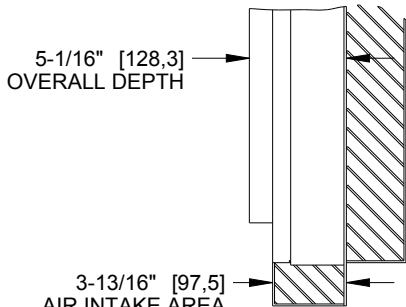


HOISTING DIAGRAM
SEE HOISTING INFORMATION CHART
SCALE 1/50



RIGHT SIDE
VIEW

SEE DETAIL A



DETAIL A
SCALE 1/10

#	DETAIL	DESCRIPTION
1	DISPLAY MATRIX	ECCB-A100-64 X 140-19.8MM
2	LED COLOR	RED
3	ACTIVE AREA	4' 1-3/4" [1262,9] X 9' 1-1/8" [2771,1]
4	OVERALL SIZE	4' 11-3/8" [1508,1] X 9' 11-1/2" [3035,3]
5	CABINET	ALUMINUM, PAINTED SEMI-GLOSS BLACK
6	VENTILATION	BOTTOM INTAKE & TOP-FRONT EXHAUST
7	ACCESS	FRONT ACCESS
8	WEIGHT	ESTIMATED UNCRATED WEIGHT PER FACE: 290 LB [132 KG]
9	SHIPPING	SHIPPED & INSTALLED AS SINGLE UNIT
10	DIMENSIONS	FEET AND INCHES [MILLIMETERS]

STRUCTURAL RATING

1	STRENGTH LEVEL DESIGN MAX WIND PRESSURE "P"	165 PSF
2	STANDARD/CODE	ASCE 7-10
3	THE DESIGN WIND PRESSURE WAS DEVELOPED USING THE FOLLOWING PARAMETERS.	
4	BUILDING CATEGORY	II
5	MAX WIND SPEED	175 MPH
6	EXPOSURE CATEGORY	C
7	MAX HEIGHT TO TOP OF DISPLAY	25 FT
8	TERRAIN CONDITIONS	FLAT

POWER RATINGS PER SINGLE FACE

#	COLOR	WATTS	120VAC, 60HZ 2 WIRE, + GND	120/240VAC, 60HZ, 3 WIRE, +GND	
			LINE 1 (AMPS)	LINE 1 (AMPS)	LINE 2 (AMPS)
1	RED	509	4.240	NA	NA



INSTALL NOTES

1	DISPLAY HAS INTAKE AT BOTTOM, EXHAUST AT THE TOP, AND VENTS ON THE BACK. DO NOT COVER THESE OPENINGS.
2	TO MAINTAIN STRUCTURAL INTEGRITY OF THE DISPLAY CABINET BOTH EYEBOLTS MUST BE USED FOR LIFTING THE CABINET.
3	1/2" EYEBOLTS TO ASSIST WITH DISPLAY INSTALLATION. EYEBOLTS MAY BE REMOVED AFTER INSTALLATION.
4	EYEBOLTS MAY NOT BE USED FOR PERMANENT INSTALLATION
5	ALL MOUNTING LOCATIONS MUST BE USED.
6	DAKTRONICS IS NOT RESPONSIBLE FOR THE INTEGRITY OF THE STRUCTURE TO WHICH THE DISPLAY IS MOUNTED TO.
7	DISPLAY IS DESIGNED TO BE MOUNTED TO A STRUCTURAL FRAME THAT CAN RANGE IN OPENING SIZE BETWEEN THE FOLLOWING DIMENSIONS: (H X W): (4' 7-7/8" - 4' 9-7/8") X (9' 6" - 9' 9") IF THE FRAME OPENING IS TOO LARGE IN EITHER DIRECTION IT MUST BE UPDATED TO MEET THE SIZE RANGE.
8	FOR UPDATES TO STRUCTURAL FRAME: IF ALUMINUM IS USED 6063-T5 MUST BE USED. MIN. MATERIAL THICKNESS OF ALUMINUM OR STEEL: 0.080". MINIMUM MATERIAL THICKNESS IS REQUIRED TO MEET PULLOUT STRENGTH OF SUPPLIED TEK SCREWS.
9	INSTALL SUPPLIED TEK SCREWS AT A DISTANCE OF 3/4" OR MORE FROM THE NEAREST EDGE OF EXISTING FRAME.
10	SIGNAL OUTPUT QUICK CONNECT FOR MIRROR FACE.
11	DAKTRONICS IS NOT RESPONSIBLE FOR THE MAIN ELECTRICAL DISCONNECT.

HOISTING INFORMATION

DISPLAY WIDTH (FT)	MINIMUM RIGGING HEIGHT, H, FOR 45° LINE ANGLE (IN)	MINIMUM CABLE LENGTH, L, FOR 45° LINE ANGLE (IN)
10	24	68

03	17 APR 2017	UPDATED UNCRATED DISPLAY WEIGHT	DJO 18434
REV	DATE:		BY:

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PROJECT: ECCB DISPLAYS					
TITLE: SHOP DWG, ECCB-A100-5FT X 10FT-19.8MM					
DATE: 17-APR-17		DIM UNITS: INCHES [MILLIMETERS]		SHEET	REV
SCALE: 1/30		DO NOT SCALE DRAWING		1 OF 1	03
DESIGN: TWHITEH		JOB NO.	FUNC - TYPE - SIZE	1177037	
DRAWN: TWAIT		P1676	E - 10 - B		