

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0071
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: Honeywell	
Manufacturer's Technical Representative: Michael Yanokfsky	
Mailing Address: 12 Clintonville Road, Northford, CT 06472	
Telephone: (203) 484-6247 Email: Michael.Yanofsk	xy@honeywell.com
Product Information	MA
Product Name: Electrical Control Panels on Life Safety/Critical Branch	· ·
Product Type: Fire Alarm & Security Panels	- 2
Product Model Number: Varies (See Attachments)	
General Description: Wall Mounted custom Fire Control Panels with Cor	mmunication Devices
Mounting Description: Rigid, Wall Mounted	
Tested Seismic Enhancements: Seismic enhancements made to the test anomalies during the tests shall be inco	t units and/or modifications required to address reported into the production units.
Applicant Information	
	OF.
Applicant Company Name: The VMC Group	
Contact Person: John Giuliano	
Mailing Address: 113 Main Street, Bloomingdale, NJ 07403	
Telephone: (973) 838-1780 Email: john.giuliano@th	nevmcgroup.com
Title: President	



STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)									
Company Name: THE VMC GROUP									
Name: Kenneth Tarlow California License Number: S2851									
Mailing Address: 980 9th Street, 16th Floor, Sacramento, CA 95814									
Telephone: (832) 627-2214 Email: ken.tarlow@thevmcgroup.com									
Certification Method									
GR-63-Core X ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3									
Other (Please Specify):									
FOR CODE CO									
Testing Laboratory									
Company Name: DYNAMIC CERTIFICATION LABORATORY (DCL)									
Contact Person: Kelly Laplace									
Mailing Address: 1315 Greg St., Ste 109, Sparks NV 89431									
Telephone: (775) 358-5085									
Company Name: Pacific Earthquake Engineering Research Center (PEER)									
Contact Person: Amarnath Kasalanati DATE: 11/06/2023									
Mailing Address: 1301 South 46th St., Bldg. 420, Richmond CA 94720-1729									
Telephone: (510) 642-3437 Email: Amarnath1@berkeley.edu									
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Seismic Parameters

Design Basis of Equipment or Components	$(F_p/W_p) = 1.50 (z/h = 1.0); 1.13 (z/h = 0.0)$									
SDS (Design spectral response acceleration at short period, g) = $2.00 (z/h = 1.0)$; 2.50 (z/h = 0.0)										
ap (Amplification factor) =	2.5									
Rp (Response modification factor) =	6.0									
Ω_0 (System overstrength factor) =	2.0									
lp (Importance factor) =	1.5									
z/h (Height ratio factor) =	factor) = 1 and 0									
Natural frequencies (Hz) =	Natural frequencies (Hz) = See Attachment									
Overall dimensions and weight =	See Attachment ODF									
	NEDFORME									
HCAI Approval (For Office Use Only)	Approval Expires on 11/06/2029									
Date: 11/6/2023	OSP-0071									
Name: Mohammad Karim	Title: Supervisor, Health Facilities									
Special Seismic Certification Valid Up to: St	DS (g) = See Above z/h = See Above									
Condition of Approval (if applicable):	DATE: 11/06/2023									
	PRIVER BUILDING CODE									



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Table 1 - Certified Product Table

Product				Input	Frequency	Max D	imensior	ns [in]	Max	
Family	Model Number Description		Mat.	Voltage [V]	[Hz]	Width	Length	Depth	Weight [lb]	UUT
	LTE-CAB-FL	Houses an LTE (cellular) communicator card for central station reporting	CRS	N/A	N/A	10.4	10.2	3.2	4.8	UUT-11
CELL-CAB-FL		Houses an GSM (cellular) communicator card for central station reporting	CRS	N/A	N/A	10.2	10.4	3.2	4.4	Extrapolated
	CELL-MOD	Houses an GSM (cellular) communicator card for central station reporting	Plastic	N/A	N/A	7.8	6.0	1.5	0.8	UUT-10
Fire-Lite	LTE-MOD	Houses an LTE (cellular) communicator card for central station reporting	Plastic	N/A	N/A	7.8	6.0	1.5	0.8	Extrapolated
	MS-2 (E)	2-Zone Fire Alarm Control Panel	UCS (120/240 AC	60 / 50 Hz	15.0	14.5	3.7	23.8	Extrapolated
	MS-4 (E)	4-Zone Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	15.0	14.5	3.7	24.0	UUT-01
	FCPS-24FS6 (C)(E)	6A Remote Power Supply	CS	120/240 AC	60 / 50 Hz	15.0	14.5	3.7	30.2	Interpolated
	FCPS-24FS8 (C)(E)	8A Remote Power Supply	CS	120/240 AC	60 / 50 Hz	15.0	14.5	3.7	31.0	UUT-02
	HPFF8 (E)	8A Remote Power Supply		120/240 AC	<mark>60 / 5</mark> 0 Hz	19.0	16.7	5.2	44.5	Interpolated
	HPFF8CM (E)8A Remote Power Supply Chassis 1HPFF12CM (E)12A Remote Power Supply Chassis		06\$2	120/240 AC	60 / 50 Hz	8.3	19.5	2.8	25.4	Interpolated
			CS	120/240 AC	60 / 50 Hz	6.3	8.8	2.9	28.3	Interpolated
	HPFF12 (E)	12A Remote Power Supply	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	45.6	Interpolated

Notes

1) The CELL-CAB-FL is identical to the LTE-CAB-FL except for software

2) The LTE-MOD is identical to the CAB-MOD except for software

3) The HPFF remote power supplies use the same enclousres and have their boards mounted via the same means as the tested MS units

4) Honeywell is the manufacturer for all Certified Products

5) CS = Carbon Steel

6) CRS = Cold Rolled Steel

7) Where applicable, the last character in model number listing in parentheses denotes for use outside USA. (C) = Canada; (C-FR) = Canada, French; (E) = Export

8) All units certified, as tested, for rigid wall mounting at S_{DS} = 2.0 (z/h=1), and S_{DS} =2.5 (z/h=0)

Product				Input	Frequency	Max D	imensior	ns [in]	Max	
Family	Model Number	Description	tion Mat.		[Hz]	Width	Length	Depth	Weight [lb]	UUT
	BB-17F Battery Box BB-17F			24V - DC	NA	14.5	8.5	4.7	31.7	Interpolated
	BB-26	Battery Box BB-26	CS	24V - DC	NA	15.5	15.6	5.1	48.0	UUT-03
	MS-5UD-3 (E)	5-Zone Fire Alarm Control Panel 3 Amp	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	55.3	Interpolated
	MS-5UD-7 C(C-FR)(E)	5-Zone Fire Alarm Control Panel 7 Amp	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	53.6	Interpolated
	MRP-2001 C (C-FR) (E)	Deluge/Preaction Control Panel	CS_	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	52.1	Interpolated
	MRP-2002 C(C-FR)(E)	Agent Release Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	52.1	Interpolated
	MS-10UD-3 (E)	10-Zone Fire Alarm Control Panel 3 Amp	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	55.5	Interpolated
	MS-10UD-7 C(C-FR)(E)	10-Zone Fire Alarm Control Panel 7 Amp	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	26.0	UUT-04
	MS-9050UD C(C-FR)(E)	50-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	54.7	Interpolated
Fire-Lite	ES-50X	50-Point Addressable Fire Alarm Control Panel	cs	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	33.0	UUT-09
File-Lite	ES-50XI	50-Point Addressable Fire Alarm Control Panel	m es l	(120/240 AC	<mark>60 / 5</mark> 0 Hz	19.0	16.7	5.2	46.6	Interpolated
	ES-50XC	50-Point Addressable Fire Alarm Control Panel DATE: 11	CS 06/2	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	50.4	Interpolated
	ES-50XC-FR	50-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	50.4	Interpolated
	MS-9200UDLS C(C-FR)(E)	198-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	57.7	Interpolated
	ES-200X	198-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	46.6	Interpolated
	ES-200XI	198-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	46.6	Interpolated

Table 1 - Certified Product Table (Continued)

Notes

1) The HPFF remote power supplies use the same enclousres and have their boards mounted via the same means as the tested MS units

2) Honeywell is the manufacturer for all Certified Products

3) CS = Carbon Steel

4) Where applicable, the last character in model number listing in parentheses denotes for use outside USA. (C) = Canada; (C-FR) = Canada, French; (E) = Export

5) All units certified, as tested, for rigid wall mounting at S_{DS} = 2.0 (z/h=1), and S_{DS} =2.5 (z/h=0)

Product				Input	Frequency	Max D	imensior	ns [in]	Max	
Family	Model Number	Description	Mat.	Voltage [V]	[Hz]	Width	Length	Depth	Weight [lb]	UUT
	ES-200XC	198-Point Addressable Fire Alarm Control Panel		120/240 AC	60 / 50 Hz	19.0	16.7	5.2	54.0	UUT-08
	ES-200XC-FR	198-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	50.4	Interpolated
	MS-9600LS C(C-FR)(E)	636-Point Addressable Fire Alarm Control Panel) C§	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	53.6	Interpolated
	MS-9600UDLS (C)(E)	636-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	53.0	UUT-05
	ECC-LOC	Emergency Command Center Panel - LOC	CS	24V - DC	NA	19.0	16.7	5.2	19.0	UUT-07
	ECC-FFT	Firefighter Telephone Panel SP	-Ocs	24V - DC	NA	19.0	16.7	5.2	20.4	Interpolated
Fire-Lite	ECC-50/100 (E)	Emergency Command Center Panel	CS	120/240 AC	60 / 50 Hz	19.0	16.7	5.2	57.0	UUT-06
File-Lite	ES-1000XI	954-Point Addressable Fire Alarm Control Panel	m <mark>es</mark> k	(120/240 AC	60 / 50 Hz	20.5	20.0	6.0	70.0	UUT-13
	ES-1000XI ⁶	954-Point Addressable Fire Alarm Control Panel DATE: 11	06/2	120/240 AC	60 / 50 Hz	20.6	20.3	6.8	70.0	Interpolated
	ES-1000XC	954-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	20.6	20.3	6.8	70.0	Interpolated
	ES-1000XC-FR	954-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	20.6	20.3	6.8	70.0	Interpolated
	ES-1000X ⁶	954-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	20.6	20.3	6.8	71.4	Interpolated
	ES-1000X	954-Point Addressable Fire Alarm Control Panel	CS	120/240 AC	60 / 50 Hz	20.5	20.0	6.0	71.4	UUT-12

Notes

1) The HPFF remote power supplies use the same enclosures and have their boards mounted via the same means as the tested MS units

2) Honeywell is the manufacturer for all Certified Products

3) CS = Carbon Steel

4) Where applicable, the last character in model number listing in parentheses denotes for use outside USA. (C) = Canada; (C-FR) = Canada, French; (E) = Export

5) All units certified, as tested, for rigid wall mounting at S_{DS} = 2.0 (z/h=1), and S_{DS} =2.5 (z/h=0)

6) For ES-1000 models; interpolated width, length, and depth dimenisons reflect manufacturer's engineering drawings

Table 2 - Alternate Branding OEM Chart

		Branang C		Private	Label/OEM Model Nu	mbers			
Fire-Lite Model Number	UUT	Notifier	Gamewell FCI	Silent Knight	түсо	Honeywell	System Sensor	Tyco Fire Protection (ANSUL)	Minimax
MS-2	N/A	SFP-2402	GWF402	SK-2	N/A	N/A	N/A	N/A	N/A
MS-4	UUT-01	SFP-2404	GWF404	SK-4	N/A	N/A	N/A	N/A	N/A
FCPS-24FS6	N/A	FCPS-24S6[R]	N/A	N/A	N/A	HPF24S6	N/A	N/A	N/A
FCPS-24FS8	UUT-02	FCPS-24S8[R]	N/A	N/ADDE	N/A	HPF24S8	N/A	N/A	N/A
HPFF8	N/A	N/A	N/A	OK MADE	N/A	HPFF8	N/A	N/A	N/A
HPFF8CM	N/A	N/A	N/A	N/A	N/A	HPFF8CM	N/A	N/A	N/A
HPFF12CM	N/A	N/A	N/A	N/A	N/A	HPFF12CM	N/A	N/A	N/A
HPFF12	N/A	N/A	N/A	N/A	N/A	HPFF12	N/A	N/A	N/A
BB-17F	N/A	N/A	N/A	N/A	BB-17	N/A	N/A	N/A	N/A
MS-5UD-3	N/A	SFP-5UD[R]	GF505	SK-5UD 07	UNIMODE-5UD	N/A	N/A	N/A	N/A
MRP-2001	N/A	RP-2001	GF506D	N/A	N/A	N/A	PDRP-2001	AP-542D	N/A
MRP-2002	N/A	RP-2002	GF506R	N/A	N/A	N/A	PDRP-2002	AP-542R	MX-2002
MS-10UD-7	UUT-04	SFP-10UD[R]	GF510 D T	N/A	UNIMODE-10UD	N/A	N/A	N/A	N/A
MS-9050UD	N/A	NFW-50[R]	N/A	N/A	UNIMODE9050UD	N/A	N/A	N/A	N/A
MS-9200UDLS	N/A	NFW2-100[R]		TE N/A/06/2	UNIMODE200UDLS	N/A	N/A	N/A	N/A
MS-9600LS	N/A	N/A	N/A	N/A	UNIMODE9600LS	N/A	N/A	N/A	N/A
MS-9600UDLS	UUT-05	N/A	N/A	N/A	UNIMODE9600UDLS	N/A	N/A	N/A	N/A
ECC-50/100	UUT-06	NFC-50/100	N/A	SKE-550	N/A	N/A	N/A	N/A	N/A
ECC-LOC	UUT-07	NFC-LOC	N/A	SKE-LOC	N/A	N/A	N/A	N/A	N/A
ECC-FFT	N/A	NFC-FFT	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ECC-XRM-70V	N/A	NFC-XRM-70V	N/A	ECS-XRM-70V	N/A	N/A	N/A	N/A	N/A
XRM-24	N/A	XRM-24	N/A	SK-XRM24	N/A	N/A	N/A	N/A	N/A
4XTMF	N/A	4XTM	N/A	SK-4XTM	N/A	N/A	N/A	N/A	N/A
4XLMF	N/A	4XLM	N/A	SK-4XLM	N/A	N/A	N/A	N/A	N/A
4XZMF	N/A	4XZM	N/A	SK-4XZM	N/A	N/A	N/A	N/A	N/A
CAC-4	N/A	N/A	N/A	SK-CAC4	N/A	N/A	N/A	N/A	N/A
CAC-5X	N/A	N-CAC-5X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ECC-CE6	N/A	NFC-CE6	N/A	ECS-550CE6	N/A	N/A	N/A	N/A	N/A
MMF-300	N/A	NC-100	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: This table lists the OEM model numbers for alternate branding of the certified Fire-Lite model numbers of this OSP. Alternately branded models are identical to certified Notifier models except for appearance (color, labeling, branding)

		Private Label/OEM Model Numbers											
Fire-Lite Model Number	UUT	Notifier	Gamewell FCI	Silent Knight	түсо	Honeywell	System Sensor	Tyco Fire Protection (ANSUL)	Minimax				
CRF-300	N/A	NC-100R	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ANN-RLY	N/A	N-ANN-RLY	GFANN-RLY	NA	NA	NA	NA	NA	NA				
ECC-50W-25V	N/A	NFC-BDA-25V	N/A	ECS-BD50-25V	N/A	N/A	N/A	N/A	N/A				
MMF-300-10	N/A	NMM-100-10	N/A	NADE	N/A	N/A	N/A	N/A	N/A				
ECC-RTZM	N/A	NFC-RTZM	N/A	ECS-550RTZM	N/A	N/A	N/A	N/A	N/A				
ECC-50W-70V	N/A	NFC-BDA-70V	N/A	ECS-BD50-70V	N/A	N/A	N/A	N/A	N/A				
CELL-CAB-FL CELL-CAB-FLC	N/A	LTE-CAB-N	LTE-CAB-GWF	LTE-CAB-SK	N/A	N/A	N/A	N/A	N/A				
LTE-CAB-FL LTE-CAB-FLC	UUT-11	CELL-CAB-N	CELL-CAB-GWF	CELL-CAB-SK	N/A	N/A	N/A	N/A	N/A				
CELL-MOD CELL-MODC	UUT-10	N/A	N/A	N/A Mohammad I	N/A	N/A	N/A	N/A	N/A				
LTE-MOD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-200X	N/A	NFW-100X	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-200XC	UUT-08	NFW-100XC		TF: N/A/06/2	023 N/A 🔨	N/A	N/A	N/A	N/A				
ES-200XC-FR	N/A	NFW-100XC-FR	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-200X	N/A	NFW-100XE	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-200XR	N/A	NFW-100XR	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-200XR	N/A	FireWarden-100X	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-50X	UUT-09	NFW-50X	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-50XC	N/A	NFW-50XC	N/A	BUNADIN	N/A	N/A	N/A	N/A	N/A				
ES-50XC-FR	N/A	NFW-50XC-FR	N/A	Ñ/A	N/A	N/A	N/A	N/A	N/A				
ES-50X	N/A	NFW-50XE	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-50XR	N/A	NFW-50XR	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-50X	N/A	FireWarden-50X	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-1000X	UUT-12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-1000XC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-1000XC-FR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
ES-1000XI	UUT-13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				

Table 2 - Alternate Branding OEM Chart (Continued)

Note: This table lists the OEM model numbers for alternate branding of the certified Notifier model numbers of this OSP. Alternately branded models are identical to certified Notifier models except for appearance (color, labeling, branding)

Table 3 - Certified Cabinet Matrix

Cabinet		Panel Material /	Max Di	mension	s [in]	Max		
ID	Manufacturer	Thickness	Width	Length	Depth	Weight [lb]	UUT	
Size 2	Honeywell	Carbon Steel /18 Gauge	14.5	8.5	4.7	6.16	Extrapolated	
Size 4	Honeywell	Carbon Steel /18 Gauge	15.0	14.5	3.0	8.78	UUT-01, UUT-02	
Size 5	Honeywell	Carbon Steel /18 Gauge	15.5	15.6	5.1	11.30	UUT-03	
Size 6	Honeywell	Carbon Steel /18 Gauge	19.0	16.7	5.2	14.05	UUT-04, UUT-05, UUT-06, UUT-07, UUT-08	
Size 7 ⁴	Honeywell	Carbon Steel /16&18 Gauge ³	20.6	20.3	6.8	29.95	UUT-12, UUT-13	

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Notes

1) All Cabinets Are UL 864 & NEMA 1 Rated

2) Enclosure IDs Are for OSHPD Cross Reference Only

3) Backbox and Dress Panel are 16 Gauge; Door is 18 Gauge

4) Cabinet width, length, and depth dimensions reflect manufacturer's engineering drawings -007

Table 4 - Certified Structural Subcomponents

	Fire-Lite	111111 and an arrest of the		Max Di	mension	s [in]	Max	
Description	Model Number	Manufacturer DATE	Material : 11/06/2023	Length	Height	Depth	Weight [lb]	UUT
Seismic Bracket	SEISKIT-PS/2/4	Honeywell	Steel Bracket	14.5	3.4	< 0.1	0.8	UUT-01 , UUT-02
Seismic Bracket	SEISKIT-BB17	Honeywell	Steel Bracket	14.5	3	<0.1	1.1	Interpolated
Seismic Bracket	SEISKIT-320/B26	Honeywell	Steel Bracket	13.3	3.3	1	1.2	UUT-03, UUT-12, UUT-13
Seismic Bracket	SEISKIT-COMMENC	Honeywell	Steel Bracket	16.5	6.5	< 0.1	1.7	UUT-04, UUT-05, UUT-06, UUT-07, UUT-08
Dress Panel (Dead Front)	DP-9692	Honeywell	Steel Plate	16.3	18.9	0.375	3.5	UUT-05
Optional Trim Ring for Back Box	TR-CE	Honeywell	Cold Rolled Steel	22.2	19.8	1	1.95	Interpolated
Dress Panel for ES-50XC/ES-200XC	DP-ES-R	Honeywell	Cold Rolled Steel	18.9	16.3	0.4	3.75	UUT-08, UUT-09
Dress Panel (Dead Front)	DP-51050	Honeywell	Steel Plate	16.3	18.9	0.375	3.8	Interpolated
Optional Mounting Kit (Module)	90286 Mounting Kit	Honeywell	Steel Standoffs Fasteners for Option Card Mounting	< 0.1	< 0.1	< 0.1	0.1	UUT-05
Mounting Kit (Hardware)	90474	Honeywell	Hardware Kit	< 0.1	< 0.1	< 0.1	0.1	UUT-02
Mounting Kit for IPDACT-2/2UD	IPBRKT	Honeywell	Steel Bracket	6.3	5	0.375	0.4	UUT-04
Mounting Bracket	MULTIMOD-BRKT	Honeywell	Steel Bracket	7.6	6.3	< 0.1	0.5	UUT-05
Mounting Bracket	ANN-MBRLY	Honeywell	Steel Bracket	8.3	6.1	< 0.1	0.6	UUT-04

Table 5 - Certified Batteries

Description	Model Number	Model Number Part Manufacturer		Max Di	mensior	ns [in]	Max Weight [lb]	UUT	
		Manufacturer		Length	Height	Depth	h [[10]		
Battery: 7 Amp-Hour	BAT-1270	Power Sonic	Battery - Sealed	6	4	2.5	5.3	UUT-02	
Battery: 12 Amp-Hour	BAT-12120	Power Sonic	Battery - Sealed	6	4	3.8	8.4	UUT-04	
Battery: 18 Amp-Hour	BAT-12180	Power Sonic	Battery - Sealed	7.1	6.6	3	12.6	UUT-05, UUT-06, UUT-08	
Battery: 26 Amp-Hour	BAT-12260	Power Sonic	Battery - Sealed	7.1	6.6	4.8	19.7	UUT-03, UUT-12, UUT-13	

EOR CODE

Table 6 - Certified Transformers

Max Dimensions [in] Max Weight Part Description UUT Model Number Material Manufacturer [lb] Length Height Depth Copper Windings, 1.6 Transformer (ES 50X/200X) 50121632-001 Honeywell 1.8 1.2 0.2 **UUT-08** Steel Frame Copper Windings. Transformer (ES-1000X) 1.95 1.05 Honeywell UUT-12, UUT-13 50126191-001 1.48 0.2 Steel Frame Copper Windings, 70 V Transformer ECC-XRM-70V 3.3 3.5 Honeywell 4.3 1.4 **UUT-06 Steel Frame** Honeywell Copper Windings, 2.5 XRM-24B Interpolated Transformer 2.5 3 2.7 Steel Frame Copper Windings, 2.5 Honeywell 2.5 3 Transformer **XRM-24** 2.7 **UUT-01 Steel Frame**

Notes

1) The XRM-24B is identical to the XRM-24 except for packaging



Table 7 - Certified 4X Series Modules

Description	Model Number	Part Manufacturer	Material	Max Di	imensior	is [in]	Max Weight [lb]	UUT
		Manufacturer		Length	Height	Depth		
LED Interface Module	4XLMF	Honeywell	PCB	4	2	< 0.1	0.1	Extrapolated
Transmitter Module	4XTMF	Honeywell	PCB	4	2	< 0.1	0.2	UUT-04, UUT-08, UUT-12
Zone Relay Module	4XZMF	Honeywell	PCB	4	2	< 0.1	0.2	UUT-01

Notes

1) PCB = printed circuit board

2) 4XLMF is a depopulated version of the 4XTMF

Table 8 - Certified Class A Wiring Modules

Description	Model Number	Part	Material	Max Di	imensior	ns [in]	Max Weight	UUT
		Manufacturer		Length	Height	Depth	[lb]	
Class A Converter Module	CAC-4	Honeywell	PCB	4	2	< 0.1	0.1	UUT-01
NAC Converter Module	ZNAC-92	Honeywell	PCB	5.3	2.4	< 0.1	0.1	Interpolated
Class A (Style Z) NAC Module	ZNAC-4	Honeywell	PCB	4	1.9	< 0.1	0.1	UUT-04
(Class A) Converter Module	CAC-5X	Honeywell	PCB	4	2	< 0.1	0.1	UUT-04
l otes) PCB = printed circuit board		FOR	CODECON					
		(F)		10.				

Table 9 - Certified Expander Module

Description	Model Number	Part Manufacturer	Material	Max Di	mension	s [in.]	Max Weight [lb]	UUT	
	B	Manuacture	P-007 I	Length	Height	Depth	[10]		
SLC Expander Module	SLC-2LS	Honeywell	PCB	8.5	4	< 0.1	0.2	UUT-05	
SLC Loop Card	CLP-2PCB/SLC-3LS	Honeywell	amma BCB arim	4.4	7	< 0.1	0.4	UUT-12, UUT-13	
Circuit Expander Module	ECC-CE6	Honeywell	PCB	7	7.8	< 0.1	1.2	UUT-06	
Power Expander Module. Increases NAC power output by 3 amps.	PWRMOD24	Honeywell	11/06 728 23	8	4.4	< 0.1	0.6	UUT-08	

Notes

1) PCB = printed circuit board



Table 10 - Other Certified Energized Components

Description	Model Number	Part Manufacturer	Material	Max Weight [lb]	Notes	UUT
Communicator Module	DACT-UD2	Honeywell	PCB	0.14	N/A	UUT-05
ANN-BUS Interface Module	ANN-SEC	Honeywell	PCB	0.05	N/A	UUT-04
Audio Amplifier Module: 25 Volt, 50 Watt	ECC-50W-25V	Honeywell	PCB	0.5	Identical to ECC-50W-70V; with transformer removed	Extrapolated
Audio Amplifier Module: 70 Volt, 50 Watt	ECC-50W-70V	Honeywell	CODPCB	1.6	N/A	UUT-06
Monitor Module	MMF-300	Honeywell	Plasitc Module with PCB	0.2	N/A	UUT-02, UUT-12, UUT-13
Addressable Relay Module	CRF-300	Honeywell	Plasitc Module with PCB	0.2	Identical to MMF-300	Extrapolated
Internet Monitoring Module	IPDACT-2/2UD	TeldatOS	P-00pcb	0.3	N/A	UUT-04
Relay Module	ANN-RLY	Honeywell	PCB	0.4	N/A	UUT-04
Multi-Module	MMF-300-10	Honeywell	PCB	0.5	N/A	UUT-05
Remote Telephone Zone Module	ECC-RTZM	Honeywell	PCB	0.6	N/A	UUT-06
Communicator card	IPOTS-COM	Honeywell	PCB	0.25	N/A	UUT-08, UUT-12
Circuit Board for MOD & CAB series	CCP-LYRIC-PCA	Honeywell	11/06PCB23	0.2	N/A	UUT-10, UUT-11
Radio Module for CELL Series	LYRIC-3G	Honeywell	PCB	0.1	N/A	UUT-10
Radio Module for CEEE Series	LYRIC-3GLP	Honeywell	PCB	0.1	N/A	Extrapolated
Radio Module for LTE Series	LYRICLTE-A	Honeywell	PCB	0.1	N/A	UUT-11
Antenna that boosts reception for GSM communicator cards	CELL ANTENNA	Honeywell	Plastic	0.2	N/A	UUT-10
Antenna that boosts reception for LTE communicator cards	CELL ANTENNA	Honeywell	ILD Plastic	0.2	N/A	UUT-11

Notes

1) The ECC-50W-25V is a depopulated version of the ECC-50W-70V

2) The CRF-300 is identical to the MMF-300 except for software

3) PCB = printed circuit board

4) The LYRIC-3G & LYRIC-3GLP are identical except for nomenclature

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UUT-01

Summary Sheet

Model Line						PE	ER STI 201	3-17, UL
Model Line Model Number						N	lanufacture	er
Fire-Lite		N	/IS-4 (E)				Honeywell	
		Product Con	struction	Summary				
oon Steel Enclosure								
		Options / Subo	-		-			
SKIT-PS/2/4: Honey	well; Transformer: Hon	eywell; 4X Serie	s wodule:	Honeywell	; Class A Wir	ing module:	Honeywell;	
			0.5					
		EORC	ODE	CON				
		UUT	Propertie	s				
Weight	L.S.	Dimension	s [in]			Lowest Nat. Freq. [Hz]		
[lbs]	Width	Lengt	h	De	epth	F-B	S-S	V
24	14.5	15.0	001		3.7 C	N/A	N/A	N/A
		Highest Passed					•	
Building Code	Test Criteria	BY S _{PS} ohar	n <mark>z/h</mark> ad	Kari m	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG}
CBC 2022	ICC-E <mark>S AC</mark> 156	2.0	1.0	1.5	3.20	2.40 -	- 1.67	- 0.6
			1/(1/2)			-	1.07	0.0
		N.N.N.N.N.N.N.N.N.N.N.N.N.	ounting De	NING A RUN A				
-01 was rigidly wall te table	mounted to the fixture	N.N.N.N.N.N.N.N.N.N.N.N.N.	A FIRING A FIRING	NING A RUN A	bolts. The fix	kture was rig	idly attache	d to the
	mounted to the fixture	N.N.N.N.N.N.N.N.N.N.N.N.N.	4" daimete	NING A RUN A	bolts. The fix	xture was rig	idly attache	d to the
	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	bolts. The fix	kture was rig	idly attache	d to the
	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	bolts. The fix	kture was rig	idly attache	d to the
te table	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	bolts. The fix	kture was rig	idly attached	d to the
te table	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	bolts. The fix	kture was rig	idly attached	d to the
te table	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	UUT7		idly attached	d to the
te table	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	bolts. The fix		idly attached	d to the
te table	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A	UUT7		idly attached	d to the
te table		using Qty. (4) 1/4	4" daimete	NING A RUN A	UUT7		idly attached	d to the
te table	mounted to the fixture	using Qty. (4) 1/4	4" daimete	NING A RUN A		6	idly attached	d to the
te table		using Qty. (4) 1/4	4" daimete	NING A RUN A			idly attached	d to the
te table		using Qty. (4) 1/4	4" daimete	NING A RUN A		6	idly attached	d to the
te table		using Qty. (4) 1/4	4" daimete	NING A RUN A		6		d to the

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UUT-02

Summary Sheet PEER STI 2013-17, UUT2 Model Line Model Number Manufacturer Fire-Lite FCPS-24FS8 (C)(E) Honeywell **Product Construction Summary** Carbon Steel Enclosure **Options / Subcomponent Summary** Seismic Bracket: Honeywell; Mounting Kit (Hardware): Honeywell; Batteries: Power Sonic; Monitor Module: Honeywell **UUT Properties** Dimensions [in] Lowest Nat. Freq. [Hz] Weight [lbs] Width Length Depth F-B S-S V 14.5 31 15P. 3.7 N/A N/A N/A **UUT Highest Passed Seismic Run Information** IP **Building Code Test** Criteria SDS z/h $\mathbf{A}_{\mathsf{RIG-H}}$ A_{FLX-V} A_{RIG-V} A_{FLX-H} 2.0 1.0 1.5 3.20 2.40 _ CBC 2022 ICC-ES AC156 2.5 0.0 1.5 1.67 0.67 _ Test Mounting Details UUT-02 was rigidly wall mounted to the fixture using Qty. (4) 1/4" daimeter, grade 8 bolts. The fixture was rigidly attached to the shake table Omega frame UUT Beta plates

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						PE	ER STI 201	3-17, UUT3
Model Line		М	odel Numbe	ər		N	lanufacture	er
Fire-Lite		BB-26					Honeywell	
		Product C	onstruction	Summary				
Carbon Steel Enclosure								
		Ontions / Cu		-+				
Seismic Bracket: Honey	well; Batteries: Powe	Options / Su		nt Summai	ſy			
		EDEOR		COM				
Weight		Dimensio				Lowes	st Nat. Freq	. [Hz]
[lbs]	Width	-	gth		epth	F-B	S-S	V
48	15.64		<u>\$P-007</u>		5.1	N/A	N/A	N/A
Duilding Code		T Highest Pass				•	•	•
Building Code	Test Criteria	BY Spson	am <mark>r/h</mark> ad	Karim	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2022	ICC-E <mark>S AC</mark> 156	2.0	1.0	1.5	3.20	2.40	- 1.67	- 0.67
I			Mounting D	$(\gamma \gamma $			1.07	0.07
UUT-03 was rigidly wall shake table		e using Qty. (4)		er, grade 8				d to the

 The VMC Group •113 Main Street, Bloomingdale, NJ 07403 •Tel: 973-838-1780 •Fax: 973-492-8430 • www.thevmcgroup.com
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 OSP-0071
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 11/06/2023



Summary Sheet

UUT-04

Model Line Model Number					N	lanufacture	r	
Fire-Lite								
rire-Lile		MS-10UD-7 C(C				Honeywell		
n Steel Enclosure		Product Construction	on Summary					
n Steel Enclosure								
		Options / Subcompor	nent Summar	y				
Module: Honeyw	well; Mounting Kit for IP ell; Class A Wiring Mod lodule: Honeywell							
		UUT Proper	rties					
Weight	L.	Dimensions [in]				-	lat. Freq. [Hz]	
[lbs]	Width	Length Depth		F-B	S-S	V		
26	194		16.7 _007 5.2 ghest Passed Seismic Run Information		N/A	N/A	N/A	
uilding Codo	Test Criteria	S _{DS}			•	۸	۸	
uilding Code	Inding Code Test Criteria		Karim	А _{FLX-Н} 3.20	А_{RIG-Н} 2.40	A _{FLX-V}	A _{RIG}	
CBC 2022	ICC-E <mark>S AC</mark> 156	2.0 1.0 1.5 2.5 0.0 1.5		-	-	- 1.67	0.6	
		Test Mounting		T N			0.0	
04 was rigidly wall e table	mounted to the fixial e	loning dety: (1) in 1 cann	eter, grade 8 i		kture was rig			

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UUT-05

Beta plates

Model Line Model Number					1	EER STI 201 Manufacture	
Fire-Lite		MS-96	600UDLS (C)(E))		Honeywell	
		Product Co	onstruction Sun	nmary			
on Steel Enclosur	e						
		Ontiona / Sul	hoomnonont Si				
nic Bracket: Hone	ywell; Dress Panel (Dead	-	bcomponent Su eywell; Optional	-	lule): Honeyw	ell; Mounting	Bracke
	ower Sonic; Expander M						
		OD	ODE				
		FOR		DA			
	NE		T Properties			at Nat Erag	r H= 1
Weight [lbs]	Width	Dimensions [in] Length Depth		F-B	st Nat. Freq S-S	v	
53	19-41	(16.7P_0071		5.2	N/A	N/A	N//
		lighest Pass	ed Seismic Ru	n Information			
uilding Code	Test <mark>Crite</mark> ria	Sv S _{psohe}	am <mark>r/h</mark> ad Kar	IP A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIC}
CBC 2022	ICC-ES AC156	2.0 1.0		1.5 3.20	2.40	-	-
		2.5	0.0 Iounting Detail	1.5 -	-	1.67	0.6
05 was rigidly wal	Il mounted to the fixture u	K K K INDONINI NI N N K K I	NUMBER OF STREET		fixture was ric	idly attache	d to the
table							
		1.			a hope the	and a local division of the	0
and the second se		Omeg	a frame				
The second			LDING.	Di And		100.00	
1		TANK TO PARTY	and the second se				1
an UU	TI C			UUT	7		
				UUT	7		V
				UUT			N. N
					7 JUT6		N. N.
TOU							
							1 S 1
TOU							N. C. C.
UU					7 JUT6 V/A		

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UUT-06

Summary Sheet

						PE	ER STI 201	3-17, UUT6
Model Line		М	odel Numb	er		Manufacturer		
Fire-Lite		ECC-50/100 (E)			Honeywell			
	I	Product C	onstructior	Summary				
Carbon Steel Enclosure								
		Options / Su	-		•			
	well; Batteries: Power S tt: Honeywell; Remote T				nder Module:	: Honeywell;	Audio Ampl	ifier
	II. Honeywell, Remote T		ne module.	noneyweii				
		FOR	CODE	COA				
	K	U	UT Properti	es		•		
Weight	L'	Dimensio			4	Lowest Nat. Freq. [. [Hz]
[lbs]	Width	Len	•		epth	F-B	S-S	v
57	19-4		<u>SP-007</u>		5.2	N/A	N/A	N/A
		lighest Pass		c Run Infor		1		
Building Code	Test Criteria	} ∕ S_{P\$oh}	am r/h ad	Karim	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2022	ICC-E <mark>S AC</mark> 156	2.0	1.0	1.5	3.20	2.40	-	-
		2.5	0.0	023		-	1.67	0.67
ULT OF was rigidly wall	mounted to the fixture u	N.N.N.N.N.N.N.N.N.N.	Mounting D	A DATA DATA DATA DATA DATA DATA DATA DA	holto Tho fi	vturo woo rig	idly attached	d to the
shake table		ising Qty. (4)		er, graue o	Doits. The II.	kule was ny	iuly allache	
	- P	1						
-	A LA	Omega	frame	GCU	CHEL.	11111	100	
A DECK		50	ILDIN				11 1012	
UUTI		Danie	The state		UUT7	Lall		4
L.					1			
And in case of the local division of the					1			
UUT2		Training I	In succession in		A DE LUCA			
and the second	1 W 8.				רטט	6		
UUT4					- 開設			
COL						/ A	The second	
			-		The second		-	
UUT3	1 2 18:01	1	And in case		1 01	UT5		
COIS			-		1 Press			
and the second s	A A	-			· 14 6	mil		
ALL N BREAK	The state	Sie.			101	Beta plat	es	5
	THE THE				and the second in the second i	passion and the second	NIN .	5

YILED VMC GROUP) UN	IIT UNDER TE Summary S		JT)	UUT-07 PEER STI 2013-17, UUT7			
Model Line	9	Model Numbe	er		1	lanufacture		
Fire-Lite		ECC-LOC				Honeywell		
		Product Construction	Summary					
Carbon Steel Enclosure								
		Options / Subcompone	nt Summar	/				
	NE	UUT Propertie	COAR					
Weight [lbs]		Dimensions [in]		- AL	Lowest Nat. Freq			
19	Width 19	Length	Depth 5.2		F-B N/A	S-S N/A	V N/A	
10		lighest Passed Seismic						
Building Code	Test Criteria	V Spsobamz/had	Karien	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2022	ICC-ES AC156	2.0 1.0	1.5	3 <mark>.20</mark>	2.40	-	-	
CBC 2022	ICC-ES AC150	2.5 0.0	1.5	-	-	1.67	0.67	
		Test Mounting D	etails					
shake table	I mounted to the fixture us	inega frame	GEO					

All units were filled with contents and maintained structural integrity and functionality after AC-156 test.

Beta plates

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Summary Sheet

UUT-08

Model Line Fire-Lite		Model Number			Manufacturer Honeywell			
		ES-200XC						
	Broduct C	onstruction	Summary					
rbon Steel Enclosure		FIGURE	onstruction	Summary				
	, ,							
		Options / Su	Ibcompone	nt Summar	у			
	C/ES-200XC: Honeywel	l; Batteries: I	Power Sonic		-	II; 4X Series	Module: Ho	neywell
pander Module: Hone	eywell; Communicator Ca	ard: Honeyw	ell					
		OP	CODE					
		FOR		COA				
	AF		JT Propertie	es		Lowe	A Not Eros	r u= 1
Weight [lbs]	Width	Dimensi	gth	De	pth	F-B	st Nat. Freq S-S	v
54	19		900 72-007		5.2	N/A	N/A	N/A
01		lighest Pase				1477		11/1
Building Code	Test Criteria	Sps oh	am z/h ad	Kari n	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG}
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
000 2022	100-E0 A0 130	2.5	0.0	1.5	-	-	1.67	0.67
		JA Test	Mounting D	etails				
ounted to the shake t								
		- Annual Contractor						

THED DATE DATE DATE DATE DATE DATE DATE DA	U	NIT UNI Sum	DER TE mary S	-	UT)		UUT-09	
						DCL Repo	ort # 30995-1	901, UUT 13
Model Line)		Manufacturer					
Fire-Lite			ES-50X				Honeywell	
	<u>.</u>	Product C	onstruction	Summary				
Carbon Steel Enclosure	9							
Dress Panel for ES-50X		Options / Su	ubcompone	nt Summai	ry			
			CODE UT Propertion	CON		Lowor	st Nat Erog	[U~ 1
Weight [lbs]	Width		ngth	De	epth	F-B	st Nat. Freq S-S	.[n2]
33	19		SP_007	1 5.2		N/A	N/A	N/A
		F Highest Pas					11// (10// (
Building Code	Test Criteria	BV Spsoh	amz/had	Karim	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-
000 2022	100-ES AC150	2.5	0.0	1.5	-	-	1.67	0.67
			Mounting D					
UUT-09 was rigidly, wal mounted to the shake ta				29 2019				

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UNIT UNDER TEST (UUT) Summary Sheet

UUT-10

DCL Report # 30995-1901, UUT 10 Model Line Model Number Manufacturer Fire-Lite **CELL-MOD** with CELL ANTENNA Honeywell **Product Construction Summary** Plastic Enclosure & Plastic Antenna **Options / Subcomponent Summary** Radio Module for CELL Series: Honeywell; Circuit Board: Honeywell **UUT Properties** Dimensions [in] Lowest Nat. Freq. [Hz] Weight [lbs] Width Length Depth F-B V S-S 7.8 1.5 1 6P. N/A N/A N/A **UUT Highest Passed Seismic Run Information Building Code Test** Criteria SDS z/h l_P, A_{FLX-H} $\mathbf{A}_{\mathsf{RIG-H}}$ A_{FLX-V} A_{RIG-V} 2.0 1.0 1.5 3.20 2.40 _ CBC 2022 ICC-ES AC156 2.5 0.0 1.5 1.67 0.67 _ Test Mounting Details UUT-10 was rigidly, wall mounted to the fixture via 12 gage unistrut using Qty. (4) 1/4" diameter, grade 8 bolts. Fixture was hard mounted to the shake table. Ho 2019 09 13 30

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UNIT UNDER TEST (UUT) Summary Sheet

UUT-11

DCL Report # 30995-1901, UUT 11 Model Line Model Number Manufacturer Fire-Lite LTE-CAB-FL with ANTENNA Honeywell **Product Construction Summary** Cold Rolled Steel Enclosure & Plastic Antenna **Options / Subcomponent Summary** Radio Module for LTE Series: Honeywell; Circuit Board: Honeywell **UUT Properties** Dimensions [in] Lowest Nat. Freq. [Hz] Weight [lbs] Width Length Depth F-B ۷ S-S 10.4 10.2 3.2 5 N/A N/A N/A **UUT Highest Passed Seismic Run Information Building Code Test** Criteria SDS z/h l_P $\mathbf{A}_{\mathsf{RIG-H}}$ A_{FLX-V} A_{RIG-V} A_{FLX-H} 2.0 1.0 1.5 3.20 2.40 _ _ CBC 2022 ICC-ES AC156 2.5 0.0 1.5 1.67 0.67 _ Test Mounting Details UUT-11 was rigidly, wall mounted to the fixture via 12 gage unistrut using Qty. (4) #10-24, grade 8 machine screws. Fixture was hard mounted to the shake table. **UUT Summary Shee** Ę ٥-All units were filled with contents and maintained structural integrity and functionality after AC-156 test.



Summary Sheet

UUT-12

DCL Report # 21567-2301,	UUT-12
--------------------------	--------

Fire-Lite		8.4		or		R	lanufactura	r	
Fire-Lite	÷	Model Number				Manufacturer			
	Fire-Lite		ES-1000X				Honeywell		
	ŀ	Product C	onstruction	Summary		•			
arbon Steel Enclosur	е								
		Options / Su	•		-				
	e, Seismic Bracket, 26 A	mp-Hour Bat	tery, Transfo	ormer, Trans	smitter Modu	le, SLC Loop	o Card, Com	municatio	
ard, Monitor Module									
		OB	CODE	~					
		FUR		COA					
			JT Propertie	es		1			
Weight	4	Dimensi			4		st Nat. Freq.		
[lbs]	Depth		gth		dth	F-B	S-S	V	
71.4	6.0		<u>59-007</u>		0.5	N/A	N/A	N/A	
Building Code		Highest Pas	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		-		•	•	
Building Code	Test Criteria	SV S _{DS} oh 2.0	am z/h 1.0	Karin 1.5	А _{FLX-Н} 3.20	А _{RIG-Н} 2.40	A _{FLX-V}	A _{RIG-V}	
CBC 2022	ICC-E <mark>S AC</mark> 156	2.0	0.0	1.5	3.20	- 2.40	- 1.68	- 0.68	
			Mounting D			-	1.00	0.00	
	UUT-12								



UNIT UNDER TEST (UUT) Summary Sheet

UUT-13

						DCL Repo	ort # 21567-23	301, UUT-1	
Model Line)	М	Model Number				Manufacturer		
Fire-Lite			ES-1000XI			Honeywell			
		Product C	onstruction	Summary					
Carbon Steel Enclosure	9								
		Options / Su	-						
Carbon Steel Enclosure	e, Seismic Bracket, 26 Ar	np-Hour Bat	tery, Transfo	ormer, SLC	Loop Card, N	Nonitor Modu	le		
		OP	CODE						
		FOR		CON					
			UT Properti	es		-			
Weight		Dimensi			4	Lowes	st Nat. Freq	. [Hz]	
[lbs]	Depth		ngth	W	idth	F-B	S-S	v	
70	6.0		SP-007		0.5	N/A	N/A	N/A	
		lighest Pas	sed Seismic	Run Infor	mation				
Building Code	Test Criteria	SV S _{psoh}	am r/h ad	Karim	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	-	-	
		2.5	4 0.0	1.5	-	-	1.68	0.68	
		Test	Mounting D	etails					
	UUT-12								
Δll unite	were filled with contents				Ind functions	lity after AC-	-156 test		