

NORTHSHORE CHURCH							
Module	Qty	Description		Standby Current	Total Standby	Alarm Current	Total Alarm
Panel Equipment							
4010-9101	1	FACP 250PT 4NAC 4A 120V BEIGE		0.195000	0.195000	0.295000	0.295000
				Total Panel Stby	0.195000	Total Panel Alarm	0.295000
Peripheral Devices							
4099-9001	6	IDNET SINGLE ACTION PULL STATION	*	0.000000	0.000000	0.000000	0.000000
4098-9792	2	TRUEALARM SENSOR BASE	*	0.000000	0.000000	0.000000	0.000000
4098-9714	2	TRUEALARM PHOTO SMOKE SENSOR		0.000000	0.000000	0.000000	0.000000
4098-9756	6	TRUEALARM DUCT SMOKE SENSOR W/ RELAY OUTPUT	*	0.003000	0.018000	0.015000	0.090000
2098-9797	6	SAMPLING TUBE 49"		0.000000	0.000000	0.000000	0.000000
2098-9806	6	REMOTE TEST STATION W/ LED AND KEY SWITCH		0.000000	0.000000	0.000000	0.000000
4090-9001	12	IDNET SUPERVISED IAM	*	0.000000	0.000000	0.000000	0.000000
4090-9101	1	IDNET CLASS B MONITOR ZAM	*	0.016000	0.016000	0.072000	0.072000
Multi-Candella Strobes (Select Candella Rating)							
4906-9104	9	V/O M-C NON-ADDRESS, WHT, CEIL	15cd	0.000000	0.000000	0.075000	0.675000
4906-9104	4	V/O M-C NON-ADDRESS, WHT, CEIL	30cd	0.000000	0.000000	0.125000	0.500000
4906-9104	2	V/O M-C NON-ADDRESS, WHT, CEIL	75cd	0.000000	0.000000	0.233000	0.466000
4906-9154	5	S/V M-C NON-ADDRESS, WHT, CEIL	15cd	0.000000	0.000000	0.075000	0.375000
4906-9154	3	S/V M-C NON-ADDRESS, WHT, CEIL	30cd	0.000000	0.000000	0.125000	0.375000
4906-9154	11	S/V M-C NON-ADDRESS, WHT, CEIL	75cd	0.000000	0.000000	0.233000	2.563000
4906-9154	3	S/V M-C NON-ADDRESS, WHT, CEIL	110cd	0.000000	0.000000	0.316000	0.948000
				Total Periph Stby	0.034	Total Periph Alarm	6.064
				Total Standby Amps	0.229	Total Alarm Amps	6.359

* Current Draw Included With Device Addresses Used (See additional current draws)

1. 2-wire detector alarm current is included in the alarm current of the Initiating Device Circuit.

Battery Calculations				Standby Current	Alarm Current
Control Panel Card Power				0.195	0.295
Power For External Peripheral Devices				0.03400	6.06400
				0.229	6.359
				<-- Sub Totals -->	
Additional Current Draws					
MAPNET/IDNet Device Addresses ordered / used		27	27.0	0.022	0.027
Spare addressable point capacity included for battery calc		0%	0	0.000	0.000
				0.251	6.386
				<--Grand Totals -->	
Additional Battery Capacity Required		20%		0.050	1.277
Standby Time =		24	Hrs	7.217	Standby Ah
Alarm Time =		15	Mins.	1.916	Alarm Ah
Standby + Alarm =				9.133	
Battery Required		2081-9288	12.7AH	12.195	Total Ah Required (see note below)