



Doran Exterior Light Monitor #UBM-00 V2 - PINOUT

Signal Description	Jumper	Pin	Label
Right Red Warning Input	J1	4A	RRWI
Right Red Warning Front		1A	RRWF
Left Red Warning Input	J2	4B	LRWI
Right Red Warning Back		6A	RRWB
Left Red Warning Back	J3	6B	LRWB
Left Red Warning Front		1B	LRWF
Right Amber Warning Front	J4	3A	RAWF
Right Amber Warning Input		2A	RAWI
Right Amber Warning Back	J5	5A	RAWB
Left Amber Warning Input		2B	LAWI
Left Amber Warning Front	J6	3B	LAWF
Left Amber Warning Back		5B	LAWB
Brake Light Input	J7	1C	BLI
4" Brake Lights		2C	4BL
Tail Lights Input	J8	7D	TLI
7" Brake Lights		1D	7BL
7" Tail Lights	J9	8D	7TL
4" Tail Lights		7C	4TL
Ground	J10	6D	GND
Right Reverse Lights	J11	8C	RRL
Reverse Lights Input		6C	RLI
Right Turn Input	J12	4C	RTI
Left Reverse Lights		5D	LRL
Left Turn Input	J13	2D	LTI
Right Turn Lights		3C	RTL
12VDC Battery	J14	4D	12V+
Left Turn Lights		3D	LTL

Fuse	Rating
F1	15 A
F2	15 A
F3	15 A
F4	15 A
F5	7.5 A
F6	7.5 A
F7	5 A
F8	3 A
F9	5 A

REV	INITIALS	DESCRIPTION	DATE	DORAN MANUFACTURING		
0	DES	DRAWING GENERATED	4/23/25	PART NAME MODEL UBM-00 (#5029) V2 PINOUT		
1	DES	ADDED PIN NAMES	11/10/25			
TOLERANCES				DECIMALS .XXX +OR- .005, .XX +OR- .015 FRACTIONS +OR- 1/32, ANGLES +OR- 1/2 DEGREE		
CUSTOMER				SCALE		
DRAWN DES		DATE 04/25/2025		DRAWING NO.		REV.
APPR		DATE		0101		1