

JOB NAME _____

CONTACT _____

ORDERING CODE _____



DIMENSION Remote Driver



ORDERING CODE

PART NUMBER	DMNREM	remote driver
VOLTAGE & DIMMING	UNV-DIM10-30	flicker free 0-10V dimming to 1%
	UNV-DIM10Z-30	flicker free 0-10V dimming to 0.1%
	UNV-DIM10-50	flicker free 0-10V dimming to 1%
	UNV-DIM10Z-50	flicker free 0-10V dimming to 0.1%
	UNV-DALI-50	flicker free DALI dimming to 1%
	UNV-DALIZ-50	flicker free DALI dimming to 0.1%
	UNV-DMX-50	flicker free DMX dimming to 0.1%
	120-ELV-12	leading & trailing edge dimming (Triac/ELV)
	120-ELV-25	leading & trailing edge dimming (Triac/ELV)
	120-LTE-g	Lutron Hi-Lume 2-Wire (Triac) dimming to 1%
	120-LTE-h	Lutron Hi-Lume 2-Wire (Triac) dimming to 1%
	UNV-LUT-b	Lutron Hi-Lume EcoSystem dimming to 1%, Soft-on & Fade-to-Black
	UNV-LUT-c	Lutron Hi-Lume EcoSystem dimming to 1%, Soft-on & Fade-to-Black
	UNV-LUT-d	Lutron Hi-Lume EcoSystem dimming to 1%, Soft-on & Fade-to-Black
	UNV-LUTP-20	Lutron Hi-Lume Premier EcoSystem dimming to 0.1%, Soft-on & Fade-to-Black
	UNV-CAS-50	flicker free Casambi dimming to 0.1%, dim-to-dark nLight control interface, standard Cat-5/RJ45 connection, dimming to 0.1%
	UNV-NLT-50	48V POE remote network node, standard Cat-5/RJ45 connection, dim-to-dark; 1 channel with a combined 8-53W, 12-48Vdc output
	48-POE-1CH-N ¹	48V POE remote device node, standard Cat-5/RJ45 connection, dim-to-dark; 1 channel with a combined 8-53W, 12-48Vdc output
48-POE-1CH-D ¹	48V POE remote network node, standard Cat-5/RJ45 connection, dim-to-dark; 1 channel with a combined 8-53W, 12-48Vdc output, with Accessory Inputs and Outputs	
48-POE-1CH-NA ¹	48V POE remote device node, standard Cat-5/RJ45 connection, dim-to-dark; 1 channel with a combined 8-53W, 12-48Vdc output, with Accessory Inputs and Outputs	
48-POE-1CH-DA ¹	48V POE remote network node, standard Cat-5/RJ45 connection, dim-to-dark; 4 channel with a combined 8-53W, 12-48Vdc output, with Accessory Inputs and Outputs	
48-POE-4CH-NA ¹	48V POE remote device node, standard Cat-5/RJ45 connection, dim-to-dark; 4 channel with a combined 8-53W, 12-48Vdc output, with Accessory Inputs and Outputs	
48-POE-4CH-DA ¹	48V POE remote device node, standard Cat-5/RJ45 connection, dim-to-dark; 4 channel with a combined 8-53W, 12-48Vdc output, with Accessory Inputs and Outputs	

- LISTINGS**
- ETLus Listed to UL2108 (suitable for dry and damp locations)
 - cETL Listed to CSA C22.2 #250.0

ORDERING CODE _____

Follow the steps to specify your fixture, example:
DMNREM - UNV - DIM10 - 30

NOTES
1. A POE string of fixtures consists of 1 Network Node connected to a POE Power Injector and multiple Device Nodes. The combined output of the string must be between 8-53W and 12-48Vdc.

REMOTE POWER SUPPLY MATRIX (MIN-MAX UNITS & DIMMING RANGE)

	DF1	DF2	DF3	DF5/DW5/DA5	DF10/DW10/DA10	DFS3	DFS6
DMNREM-UNV-DIM10-30	1-12	1-6	1-4	1-2	1	1-3	1
DMNREM-UNV-DIM10Z-30	1-12	1-6	1-4	1-2	1	1-3	1
DMNREM-UNV-DIM10-50	1-16	1-8	1-5	1-3	1	1-4	1-2
DMNREM-UNV-DIM10Z-50 ¹	1-21 (16)	1-10 (8)	1-7 (5)	1-4 (3)	2 (1)	1-5 (4)	1-2 (2)
DMNREM-UNV-DALI-50	1-16	1-8	1-5	1-3	1	1-4	1-2
DMNREM-UNV-DALIZ-50 ¹	1-21 (16)	1-10 (8)	1-7 (5)	1-4 (3)	2 (1)	1-5 (4)	1-2 (2)
DMNREM-UNV-DMX-50 ¹	1-21 (16)	1-10 (8)	1-7 (5)	1-4 (3)	2 (1)	1-5 (4)	1-2 (2)
DMNREM-120-ELV-12	2-5	1-2	1	1	0	1	0
DMNREM-120-ELV-25	5-10	3-5	2-3	1-2	1	2	1
DMNREM-120-LTE-g	3-6	2-3	1-2	1	0	1	0
DMNREM-120-LTE-h	6-11	3-5	2-3	2	1	2	1
DMNREM-UNV-LUT-b	11-15	6-7	4-5	3	0	3	0
DMNREM-UNV-LUT-c	7-11	4-5	3	2	1	2	1
DMNREM-UNV-LUT-d	5-6	3	2	1	0	0	0
DMNREM-UNV-LUTP-20	4-7	2-3	2	1	0	1	0
DMNREM-UNV-CAS-50 ¹	1-21 (16)	1-10 (8)	1-7 (5)	1-4 (3)	2 (1)	1-5 (4)	1-2 (2)
DMNREM-UNV-NLT-50 ¹	1-21 (16)	1-10 (8)	1-7 (5)	1-4 (3)	2 (1)	1-5 (4)	1-2 (2)
DMNREM-48-POE-XXX	5-14	3-7	2-4	1-2	1	2-3	1

DIMMING RANGE DOWN TO XX %	Dims to 0.1%
	Dims to 1%
	Dims to 5%
	Dims to 10%

NOTES

1. DMNREM-UNV-DIM10Z-50, DMNREM-UNV-DALIZ-50, DMNREM-UNV-DMX-50, DMNREM-UNV-CAS-50 and DMNREM-UNV-NLT-50 have multiple outputs. The number in parentheses "(x)" is the max number of fixtures per output.

MAX WIRING DISTANCE

	20 AWG	18 AWG
DMNREM-UNV-DIM10-30	46'	72'
DMNREM-UNV-DIM10Z-30	46'	72'
DMNREM-UNV-DIM10-50	46'	72'
DMNREM-UNV-DIM10Z-50	46'	72'
DMNREM-UNV-DALI-50	46'	72'
DMNREM-UNV-DALIZ-50	46'	72'
DMNREM-UNV-DMX-50	46'	72'
DMNREM-120-ELV-12	20'	30'
DMNREM-120-ELV-25	20'	30'
DMNREM-120-LTE-g	20'	30'
DMNREM-120-LTE-h	20'	30'
DMNREM-UNV-LUT-b	20'	30'
DMNREM-UNV-LUT-c	20'	30'
DMNREM-UNV-LUT-d	20'	30'
DMNREM-UNV-LUTP-20	20'	30'
DMNREM-UNV-CAS-50	46'	72'
DMNREM-UNV-NLT-50	46'	72'
DMNREM-48-POE-XXX	70'	112'

TECHNICAL SPECS

<p align="center">UNV-DIM10-30, UNV-DIM10Z-30</p>	<p align="center">UNV-DIM10-50, UNV-DIM10Z-50, UNV-DALI-50, UNV-DALIZ-50, UNV-DMX-50</p>	<p align="center">120-ELV-12</p>
<ul style="list-style-type: none"> - 120-277Vac, 50/60Hz input - 30W max output - 700mA DC constant current output - 2-55Vdc output - 0-10V compatible - Operating temperature: -4°F to 122°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 2 	<ul style="list-style-type: none"> - 120-277Vac, 50/60Hz input - 50W max output - 700mA DC constant current output - 2-55Vdc output - DIM10/DIM10Z: 0-10V compatible - DALI/DALIZ: DALI-2 lighting control compatible - DMX: DMX compatible - Operating temperature: -4°F to 122°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 3 	<ul style="list-style-type: none"> - 120Vac, 50/60Hz input - 12W max output - 700mA DC constant current output - 5-24Vdc output - ELV/Triac dimming compatible - Operating temperature: -40°F to 194°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 1
<p align="center">120-ELV-25</p>	<p align="center">120-LTE-g, 120-LTE-h</p>	<p align="center">UNV-LUT-b, UNV-LUT-c, UNV-LUT-d</p>
<ul style="list-style-type: none"> - 120Vac, 50/60Hz input - 25W max output - 700mA DC constant current output - 12-36Vdc output - ELV/Triac dimming compatible - Operating temperature: -40°F to 194°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 2 	<ul style="list-style-type: none"> - 120Vac, 50/60Hz input - LTE-g: 14W max output - LTE-h: 26.6W max output - 700mA DC constant current output - LTE-g: 8-20Vdc output - LTE-h: 15-38Vdc output - Triac dimming compatible - Operating temperature: 32°F to 149°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Open circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 2 	<ul style="list-style-type: none"> - 120-277Vac, 50/60Hz input - LUT-b: 35W max output - LUT-c: 26W max output - LUT-d: 16W max output - 700mA DC constant current output - LUT-b: 30-50Vdc output - LUT-c: 20.6-37.1Vdc output - LUT-d: 12-22.9Vdc output - Lutron Ecosystem controls compatible - Operating temperature: 32°F to 167°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Open circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 2
<p align="center">UNV-LUTP-20</p>	<p align="center">UNV-CAS-50</p>	<p align="center">UNV-NLT-50</p>
<ul style="list-style-type: none"> - 120-277Vac, 50/60Hz input - 20W max output - 700mA DC constant current output - 10-28.6Vdc output - Lutron EcoSystem controls compatible - Operating temperature: 32°F to 176°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Open circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 1 	<ul style="list-style-type: none"> - 120-277Vac, 50/60Hz input - 50W max output - 700mA DC constant current output - 2-55Vdc output - Casambi bluetooth dimming compatible - Operating temperature: -4°F to 122°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 4 	<ul style="list-style-type: none"> - 120-277Vac, 50/60Hz input - 50W max output - 700mA DC constant current output - 2-55Vdc output - nLight control interface with standard CAT5/RJ45 connection compatible - Operating temperature: -4°F to 122°F - Class II rated - Suitable for use in damp and dry locations - Short circuit protection - Overload protection - Over-voltage protection - Thermal protection - Diagram 5
<p align="center">48-POE-1CH-N, 48-POE-1CH-D</p>	<p align="center">48-POE-1CH-NA, 48-POE-1CH-DA</p>	<p align="center">48-POE-4CH-NA, 48-POE-4CH-DA</p>
<ul style="list-style-type: none"> - 45-57Vdc Cat5e/Cat6 input - 53W max output - 700mA DC 1 channel constant current output - 12-48Vdc output - POE controlled dimming - Operating Temperature: 32°F to 158°F - Class II rated - Suitable for dry location only - Short circuit protection - Open Circuit Protection - Diagram 6 	<ul style="list-style-type: none"> - 45-57Vdc Cat5e/Cat6 input - 53W max output - 700mA DC 1 channel constant current output - 12-48Vdc output - POE controlled dimming - Operating Temperature: 32°F to 158°F - Class II rated - Suitable for dry location only - Short circuit protection - Open Circuit Protection - 1 24Vdc 500mA max output for powering external sensors - Connections for occupancy sensors, 0-10V analog sensors and wall switches - Diagram 6 	<ul style="list-style-type: none"> - 45-57Vdc Cat5e/Cat6 input - 53W max output - 700mA DC 4 channel constant current output - 12-48Vdc output - POE controlled dimming - Operating Temperature: 32°F to 158°F - Class II rated - Suitable for dry location only - Short circuit protection - Open Circuit Protection - 1 24Vdc 500mA max output for powering external sensors - Connections for occupancy sensors, 0-10V analog sensors, relay controls and wall switches - Diagram 6

DIMENSIONS

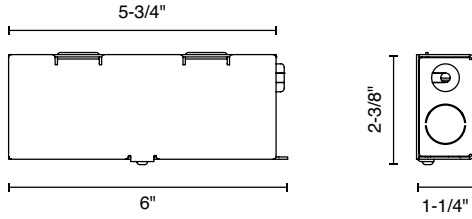


DIAGRAM 1

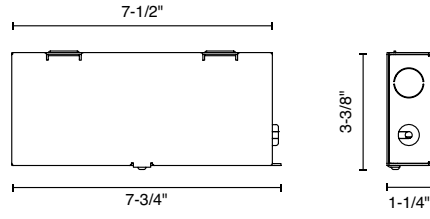


DIAGRAM 2

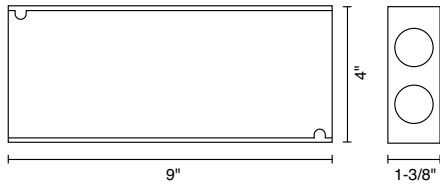


DIAGRAM 3

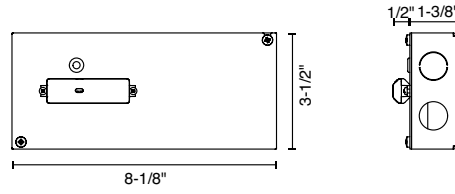


DIAGRAM 4

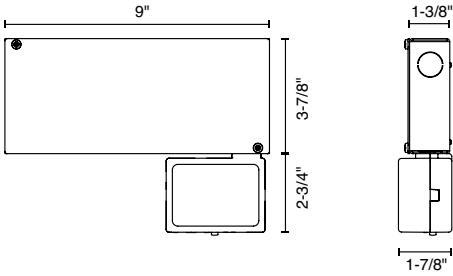


DIAGRAM 5

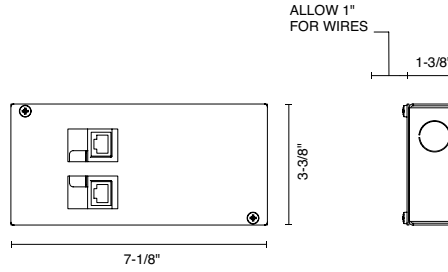
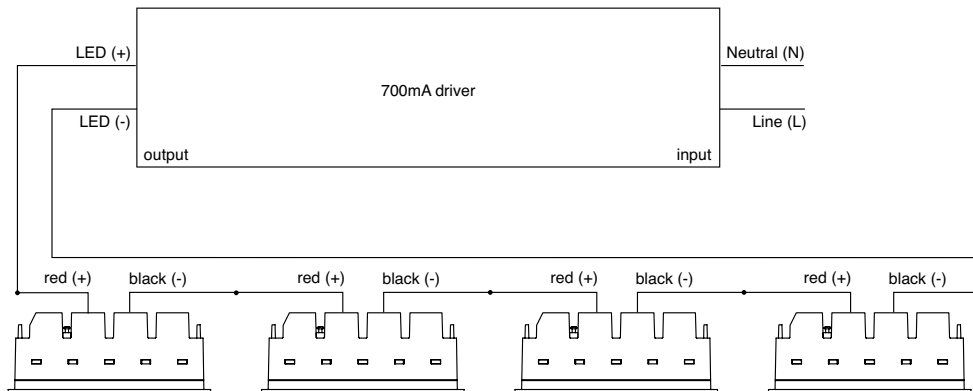


DIAGRAM 6

WIRING DIAGRAMS

DRIVER WIRING



WIRING DIAGRAMS (CONTINUED)

POE WIRING

