

alphabet

PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

DX

Large Driver Panel

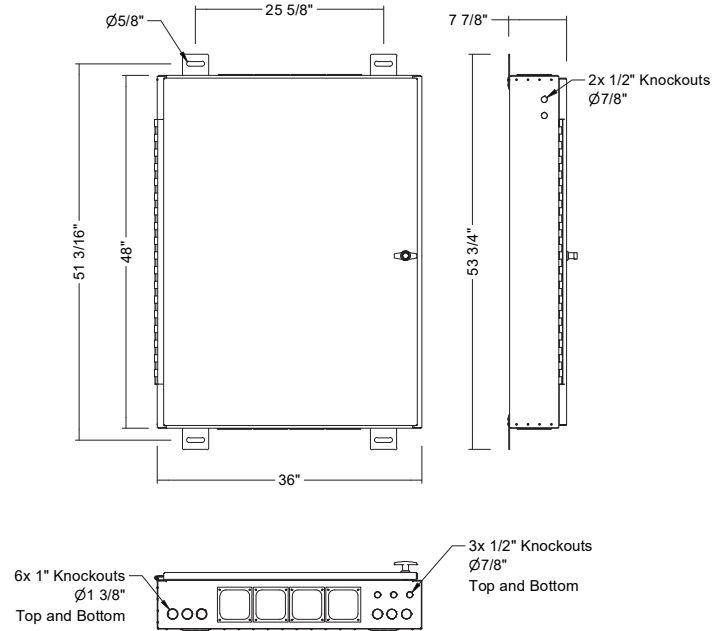


eldoLED[™]
your product | our drive

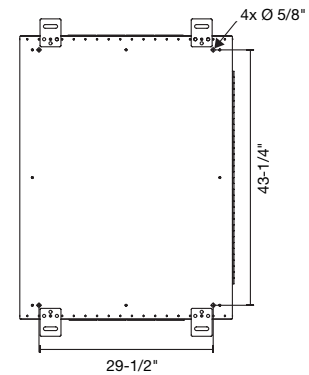


DIMENSIONS

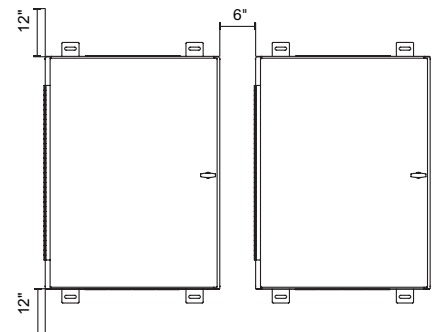
MOUNTING OPTION 1 (TAB OPTION)



MOUNTING OPTION 2 (4 POINT OPTION)



SPACING



DESCRIPTION

- ALPHABET's DX medium driver enclosure hub holds up to 30 LED drivers with maximum 50W output each or 24 drivers with a maximum 100W each. It solves many application issues for remote driver placement and allows for easy maintenance where individual fixture access is challenging. Includes fan system with vents for optimal thermal management and airflow. Offered in powder coat silver finish and can be customized upon request. Great for retail, commercial and restaurant. Drivers are included and work with any 2108 listed fixtures.

MOUNTING

- Two mounting options for flexibility, four mounting points, min. 1/2" anchor bolts/studs/rods, length dependent on substrate
- Climate controlled room required, maximum 27°C
- Minimum 12" top and bottom clearance from floor, ceiling or any obstruction
- Minimum 6" side by side clearance

ELECTRICAL/CONTROLS

INPUT:

- 120-277Vac, 50/60Hz input

OUTPUT:

- Output voltage range 2-55Vdc per channel (see page 2)
- Programmable output current range: 150-1400mA (see driver table)
- Additional driver information on page 2
- Max 18 AWG 330ft remote fixture distance

CONTROLS:

- DALI2, DMX, and 0-10V dimming options available
- Lutron Athena System option available, consult factory

LISTING:

- Listed to UL2108, CSA C22.2 #250.0 and UL8750

PROJECT INFORMATION		
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REMOTE DRIVER - 0-10V ORDERING CODE

PART NUMBER	DX	driver panel
TYPE	L	large
ELECTRICAL OPTIONS	30W 50W 75W 100W-2	30W, single output 50W, single output 75W, single output 50W/50W, two outputs
DIMMING	DIM10 DIM10Z	0-10V dimming to 1% 0-10V dimming to 0.1%
NUMBER OF DRIVERS	1 - 30	number of drivers, 1 - 30 (see table below)

ORDERING CODE

Follow the steps to specify your fixture, example:
DX - L - DIM10Z - 50W - 30

WATTAGE	DIMMING TYPE	DRIVER MODEL	MAX mA	DRIVER NUMBER
30W	DIM10	eldoLED - ECOdrive 361/B	700mA	30
50W	DIM10	eldoLED - ECOdrive 561/B	1200mA	30
75W	DIM10	eldoLED - ECOdrive 75B-MIA0A	1900mA	24
100W-2	DIM10	eldoLED - ECOdrive 1066/M	2x1200mA	24
30W	DIM10Z	eldoLED - SOLOdrive 361/B	700mA	30
50W	DIM10Z	eldoLED - SOLOdrive 561/S	1200mA	30
75W	DIM10Z	eldoLED - SOLOdrive 75B-MIA0A	1900mA	24
100W-2	DIM10Z	eldoLED - SOLOdrive 1066/M	2x1200mA	24

DESCRIPTION

- 0-10V dimmable protocol LED drive with smooth flicker free dimming
- 0-10V wiring to be supplied & completed by customer, terminating into the dimming terminal blocks located on each individual driver

ELECTRICAL/CONTROLS

- 120-277Vac, 50/60Hz input
- 30W/50W/75W/100W options
- 2-55Vdc output per channel
- 0-10V compatible
- Logarithmic dimming curve
- 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

REMOTE DRIVER - DALI ORDERING CODE

PART NUMBER	DX	driver panel
TYPE	L	large
ELECTRICAL OPTIONS	30W 50W 75W 100W-2	30W, single output 50W, single output 75W, single output 50W/50W, two outputs
DIMMING	DALI DALIZ	DALI2 dimming to 1% DALI2 dimming to 0.1%
NUMBER OF DRIVERS	1 - 30	number of drivers, 1 - 30 (see table below)

ORDERING CODE

Follow the steps to specify your fixture, example:
DX - L - DALIZ - 100W - 2 - 24

WATTAGE	DIMMING TYPE	DRIVER MODEL	MAX mA	DRIVER NUMBER
30W	DALI	eldoLED - ECOdrive 360/B	700mA	30
50W	DALI	eldoLED - ECOdrive 560/A	1200mA	30
75W	DALI	eldoLED - ECOdrive 75B-MIA0D	1900mA	24
100W-2	DALI	eldoLED - ECOdrive 1065/M	2x1200mA	24
30W	DALIZ	eldoLED - SOLOdrive 360/B	700mA	30
50W	DALIZ	eldoLED - SOLOdrive 560/S	1200mA	30
75W	DALIZ	eldoLED - SOLOdrive 75B-MIA0D	1900mA	24
100W-2	DALIZ	eldoLED - SOLOdrive 1065/M	2x1200mA	24

DESCRIPTION

- DALI2 dimmable protocol LED driver with smooth flicker free dimming
- Prewired DALI control circuit, easily connect controls via single set of terminal blocks, individually addressable drivers

ELECTRICAL/CONTROLS

- 120-277Vac, 50/60Hz input
- 30W/50W/75W/100W options
- 2-55Vdc output per channel
- Logarithmic dimming curve
- 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

REMOTE DRIVER - DMX ORDERING CODE

PART NUMBER	DX	driver panel
TYPE	L	large
ELECTRICAL OPTIONS	50W 100W	50W, single output 100W, single output
DIMMING	DMXZ-RJ45	DMX control dimming to 0.1%
NUMBER OF DRIVERS	1-24	number of drivers, 1-24

ORDERING CODE

Follow the steps to specify your fixture, example:
DX - L - DMXZ-RJ45 - 50W - 24

WATTAGE	DIMMING TYPE	DRIVER MODEL	MAX mA	DRIVER NUMBER
50W	DMXZ	MOONS' - MU050H80AQI52	1200mA	24
100W	DMXZ	MOONS' - MU0961210AQI52	2100mA	24

DESCRIPTION



- DMX dimmable protocol LED drive with smooth flicker free dimming
- DMX prewired to RJ45, in and out, drivers individually addressable

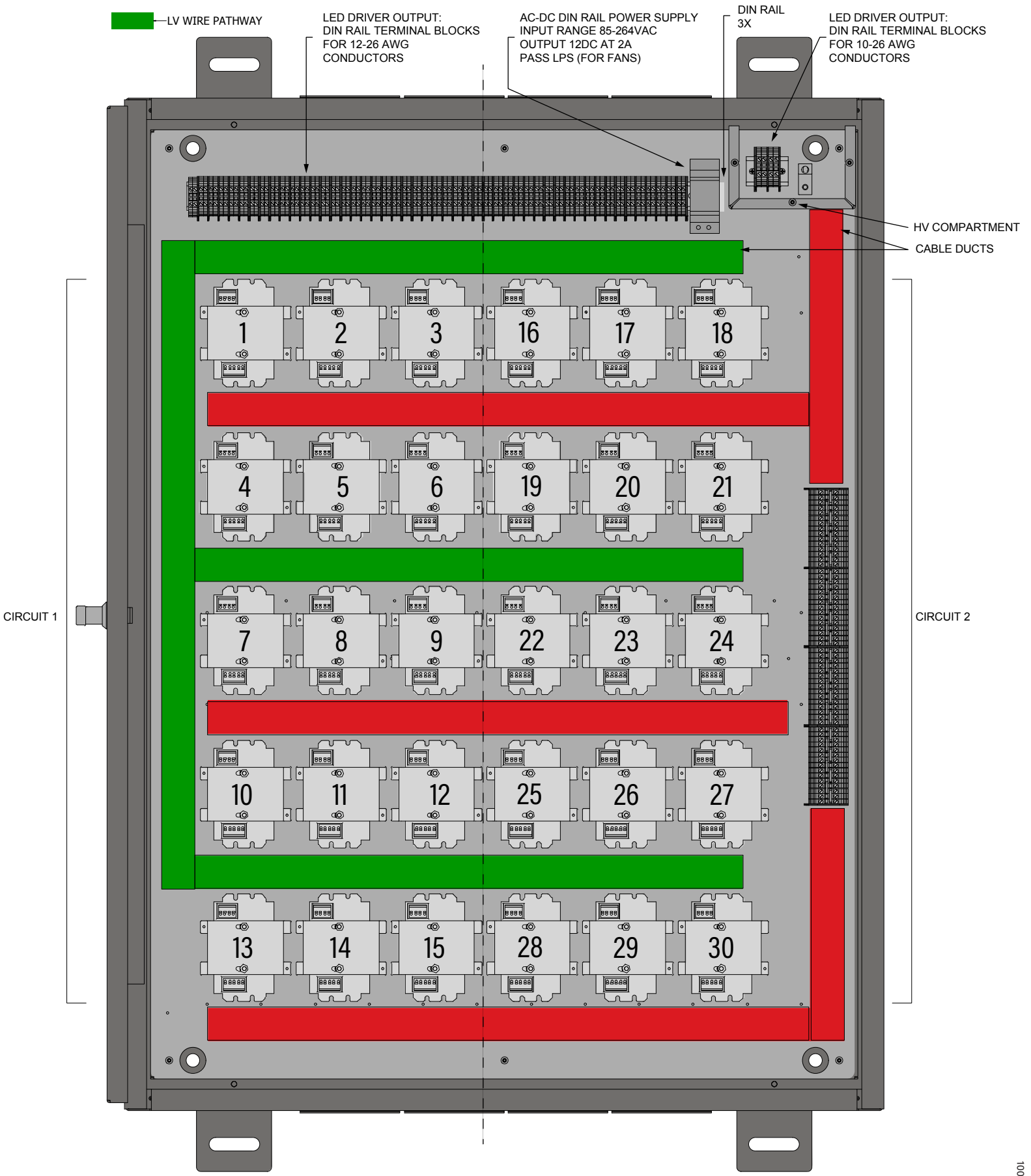
ELECTRICAL/CONTROLS

- 120-277Vac, 50/60Hz input
- 50W/100W options
- 8-55Vdc output per channel
- Isolated dimming circuit DMX compatible
- Operating temperature: -13°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

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PROJECT INFORMATION		
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 — HV WIRE PATHWAY
 — LV WIRE PATHWAY



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JOB NAME		TYPE
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ORDERING PAGE

DRIVER PANEL # _____ Each Driver Panel is pre-configured to the specifications below.
 Please fill out this form, or multiple forms as needed, and submit along with the purchase order.

**DRIVER PANEL ORDERING PAGE 30W/50W
 DRIVER LABEL**

	DRIVER	OUTPUT	TYPE	PWR CIRCUIT	CONTROL CIRCUIT	ZONE	mA
	1	1					
	2	2					
	3	3					
	4	4					
	5	5					
	6	6					
	7	7					
CIRCUIT 1	8	8					
	9	9					
	10	10					
	11	11					
	12	12					
	13	13					
	14	14					
	15	15					
<hr/>							
	16	16					
	17	17					
	18	18					
	19	19					
	20	20					
	21	21					
	22	22					
CIRCUIT 2	23	23					
	24	24					
	25	25					
	26	26					
	27	27					
	28	28					
	29	29					
	30	30					

NU Series, BETA Series, Dimension Series: Minimum Wire Gauge
 Approved Mounting Distance 18 AWG 330 FT *Do not exceed the
 output parameters of the Driver.

Voltage drop must be taken into consideration while leaving enough design margin to account for expected operating conditions.
<https://www.calculator.net/voltage-drop-calculator.html>
 Depending on application requirements for EMI/RFI emissions and susceptibility, conduit or shielded cabling may be recommended.

PROJECT INFORMATION		
JOB NAME		TYPE
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DRIVER PANEL # 1 Each Driver Panel is pre-configured to the specifications below. Please fill out this form, or multiple forms as needed, and submit along with the purchase order.

**DRIVER PANEL ORDERING PAGE 30W/50W - EXAMPLE
DRIVER LABEL**

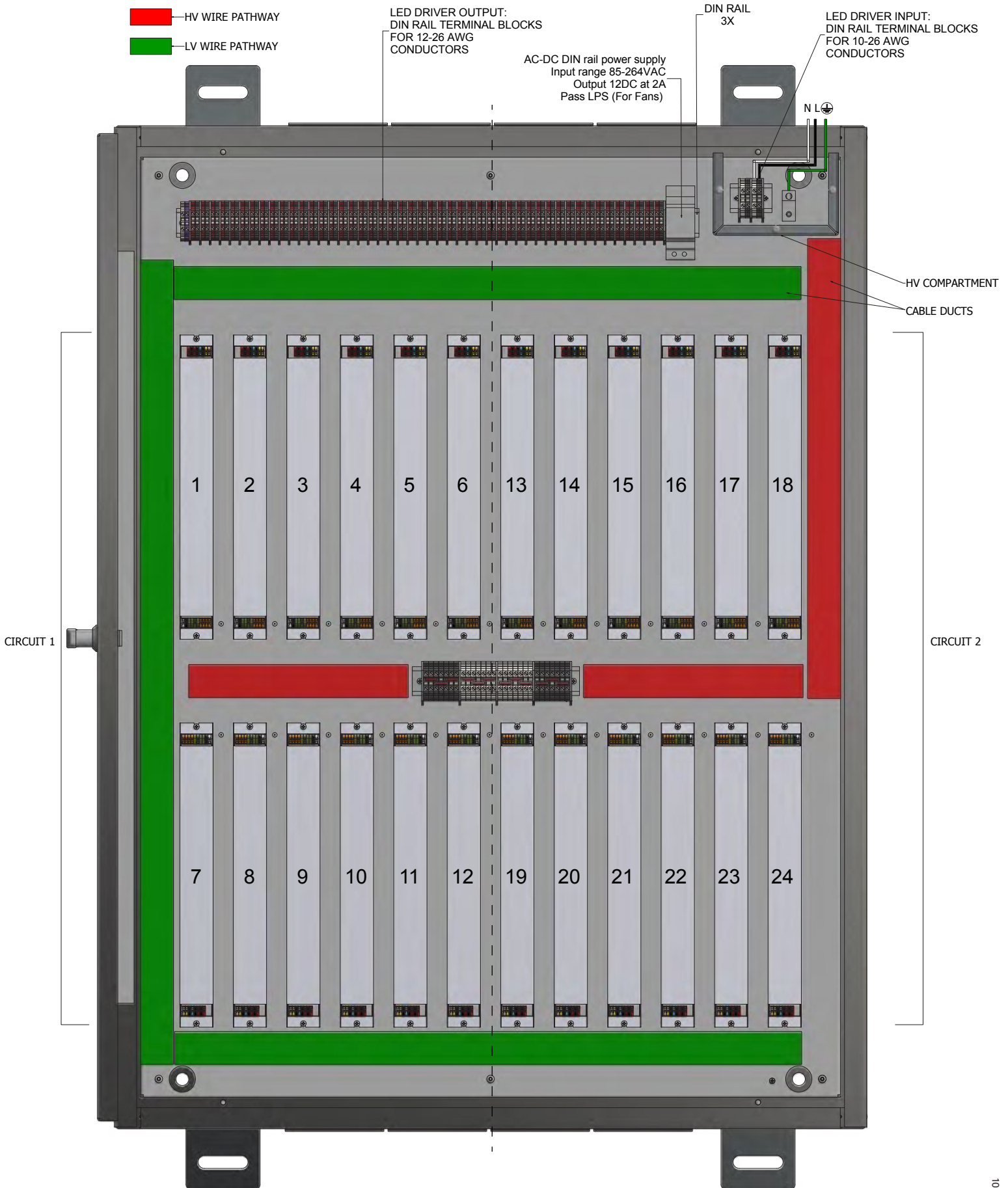
	DRIVER	OUTPUT	TYPE	PWR CIRCUIT	CONTROL CIRCUIT	ZONE	mA
CIRCUIT 1	1	1	CL.02	L-1	D1a	Z2	400
	2	2	CL.02	L-1	D1a	Z2	400
	3	3	CL.02	L-1	D1a	Z2	400
	4	4	CL.02	L-1	D1a	Z2	400
	5	5	CL.02	L-1	D1a	Z3	400
	6	6	CL.02	L-1	D1a	Z3	400
	7	7	CL.02	L-1	D1a	Z3	400
	8	8	CL.02	L-1	D1a	Z3	400
	9	9	CL.02	L-1	D1a	Z3	400
	10	10	CL.02	L-1	D1a	Z3	600
	11	11	CL.02	L-1	D1a	Z3	600
	12	12	CL.02	L-1	D1a	Z3	600
	13	13	CL.02	L-1	D1a	Z3	600
	14	14	CL.02	L-1	D1a	Z3	600
	15	15	CL.02	L-1	D1a	Z3	600
CIRCUIT 2	16	16	WW.07	L-2	D1b	Z7	700
	17	17	WW.07	L-2	D1b	Z7	700
	18	18	WW.07	L-2	D1b	Z7	700
	19	19	WW.07	L-2	D1b	Z7	700
	20	20	WW.07	L-2	D1b	Z7	700
	21	21	WW.07	L-2	D1b	Z7	700
	22	22	WW.07	L-2	D1b	Z7	700
	23	23	WW.07	L-2	D1b	Z7	700
	24	24	WW.07	L-2	D1b	Z7	700
	25	25	WW.07	L-2	D1b	Z7	700
	26	26	WW.07	L-2	D1b	Z7	700
	27	27	WW.07	L-2	D1b	Z7	700
	28	28	WW.07	L-2	D1b	Z7	700
	29	29	WW.07	L-2	D1b	Z7	700
	30	30	WW.07	L-2	D1b	Z7	700

NU Series, BETA Series, Dimension Series: Minimum Wire Gauge Approved Mounting Distance 18 AWG 330 FT *Do not exceed the output parameters of the Driver.

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DRIVER PANEL # _____ Each Driver Panel is pre-configured to the specifications below.
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**DRIVER PANEL ORDERING PAGE 75W/100W/100W-2
 DRIVER LABEL**

DRIVER	OUTPUT	TYPE	PWR CIRCUIT	CONTROL CIRCUIT	ZONE	mA
1	1					
	2					
2	3					
	4					
3	5					
	6					
4	7					
	8					
5	9					
	10					
6	11					
	12					
7	13					
	14					
8	15					
	16					
9	17					
	18					
10	19					
	20					
11	21					
	22					
12	23					
	24					
13	25					
	26					
14	27					
	28					
15	29					
	30					
16	31					
	32					
17	33					
	34					
18	35					
	36					
19	37					
	38					
20	39					
	40					
21	41					
	42					
22	43					
	44					
23	45					
	46					
24	47					
	48					

CIRCUIT 1

CIRCUIT 2

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DRIVER PANEL ORDERING PAGE 75W/100W/100W-2 - EXAMPLE

DRIVER LABEL

	DRIVER	OUTPUT	TYPE	PWR CIRCUIT	CONTROL CIRCUIT	ZONE	mA
CIRCUIT 1	1	1	CL.02	L-1	D1a	Z2	400
		2	CL.02	L-1	D1a	Z2	400
	2	3	CL.02	L-1	D1a	Z2	400
		4	CL.02	L-1	D1a	Z2	400
	3	5	CL.02	L-1	D1a	Z2	400
		6	CL.02	L-1	D1a	Z2	400
	4	7	CL.02	L-1	D1a	Z2	400
		8	CL.02	L-1	D1a	Z2	400
	5	9	CL.02	L-1	D1a	Z3	400
		10	CL.02	L-1	D1a	Z3	400
	6	11	CL.02	L-1	D1a	Z3	400
		12	CL.02	L-1	D1a	Z3	400
	7	13	CL.02	L-1	D1a	Z3	400
		14	CL.02	L-1	D1a	Z3	400
	8	15	CL.02	L-1	D1a	Z3	600
		16	CL.02	L-1	D1a	Z3	600
	9	17	CL.02	L-1	D1a	Z3	600
		18	CL.02	L-1	D1a	Z3	600
	10	19	CL.02	L-1	D1a	Z3	600
		20	CL.02	L-1	D1a	Z3	600
	11	21	CL.02	L-1	D1a	Z3	600
		22	CL.02	L-1	D1a	Z3	600
	12	23	CL.02	L-1	D1a	Z3	600
		24	CL.02	L-1	D1a	Z3	600
CIRCUIT 2	13	25	CL.02	L-1	D1b	Z3	600
		26	CL.02	L-1	D1b	Z3	600
	14	27	CL.02	L-1	D1b	Z3	600
		28	CL.02	L-1	D1b	Z3	600
	15	29	CL.02	L-1	D1b	Z3	600
		30	CL.02	L-1	D1b	Z3	600
	16	31	WW.07	L-2	D1b	Z7	700
		32	WW.07	L-2	D1b	Z7	700
	17	33	WW.07	L-2	D1b	Z7	700
		34	WW.07	L-2	D1b	Z7	700
	18	35	WW.07	L-2	D1b	Z7	700
		36	WW.07	L-2	D1b	Z7	700
	19	37	WW.07	L-2	D1b	Z7	700
		38	WW.07	L-2	D1b	Z7	700
	20	39	WW.07	L-2	D1b	Z7	700
		40	WW.07	L-2	D1b	Z7	700
	21	41	WW.07	L-2	D1b	Z7	700
		42	WW.07	L-2	D1b	Z7	700
	22	43	WW.07	L-2	D1b	Z7	700
		44	WW.07	L-2	D1b	Z7	700
	23	45	WW.07	L-2	D1b	Z7	700
		46	WW.07	L-2	D1b	Z7	700
	24	47	WW.07	L-2	D1b	Z7	700
		48	WW.07	L-2	D1b	Z7	700

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