

LightLEEDer Panel Capacity Worksheet

General Notes for All Panels sizes

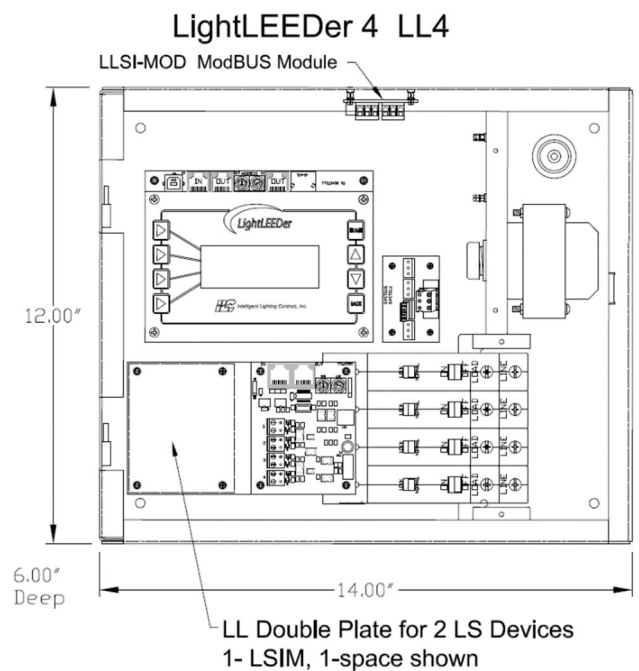
1. Relays and EM Relay driver boards are mounted in the *second* section for EM panels 08, 24, 40, 56.
To maximize relay count, the PMM is mounted in the empty top right section.
2. In EM Panels 16, 32, 48, 64 the PMM is installed in relay location 2 & 4 at the top right reducing the total available relay count by 2.
3. All panels are provided with one LL Double Input Plate per relay driver board. Each LL Double Input Plate can hold two standard LightSync devices.
4. In LL08, 24, 40 and 56 size panels an optional LL Double Input Plate can be installed in the empty relay driver location. The optional LL Double Input mounting plate (LLDP 92058100) will need to be included in the quote if required for additional LS devices or LSOSM power supply.
5. The power supply for the LSOSM can be mounted on a LL Double Input Plate and uses both spaces.
One LSOSM Power supply can be mounted in bottom of box.
6. The LL-Controller can power **8** LightSync devices (Panel and Remote combined). A PSR is required to power additional LightSync devices.
7. A panel mounted PSR can be added to Quote if required (LSPSR-P assembly #92044293).
8. LSDM dimmer output devices support EM operation to automatically default to 100% non-dim level after a loss of LightSync power or data communication to the LSDM devices (LSDM Rev 3 or later).

LightLEEDer 4 Panel Capacity

LL4 Panel

Qty	Relays	Notes
4	R40-1	
2	R40-2	
1	R40-3	
Panel Mounted LightSync Devices		
1	LL Double Input Plate for LS Device	3
2	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
1	LSDMX-P (center of LLDP plate)	
Add-On LL Serial Modules		
2	LLSI-Mod, LLDMX, LLRSR	
1	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6

Listed quantities are Maximized for each item.
Not all items can be installed at the same time,
see drawing for a depiction of a panel at max capacity.

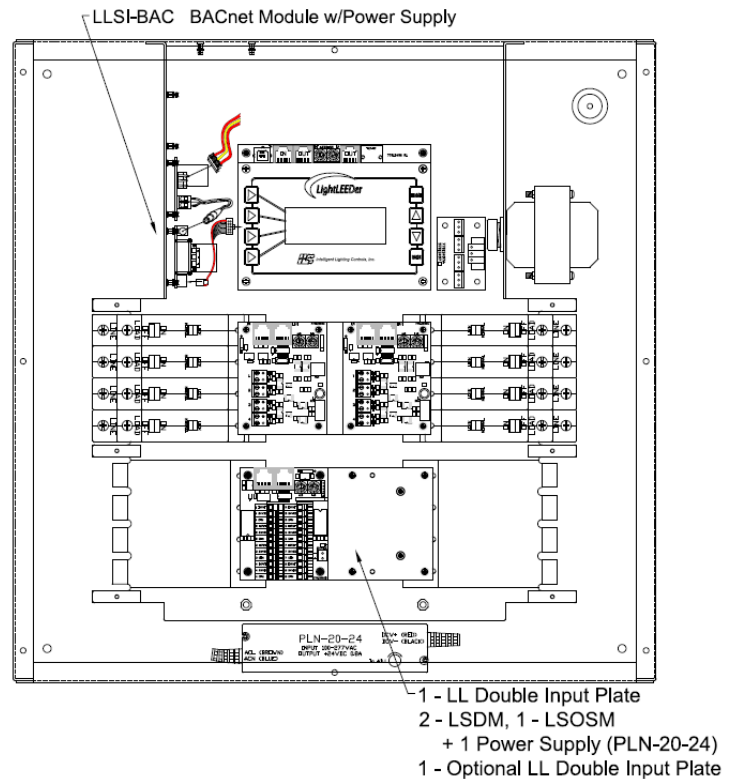


LightLEEDer 8 Panel Capacity

LL8 Panel (16 size Enclosure)

Qty	Relays	Notes
8	R40-1	
4	R40-2	
2	R40-3	
Panel Mounted LightSync Devices		
1	LL Double Input Plate (Included)	3
1	Optional LL Double Input Plate	4
2	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
1	LSDMX-P (center of LLDP plate)	
1	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

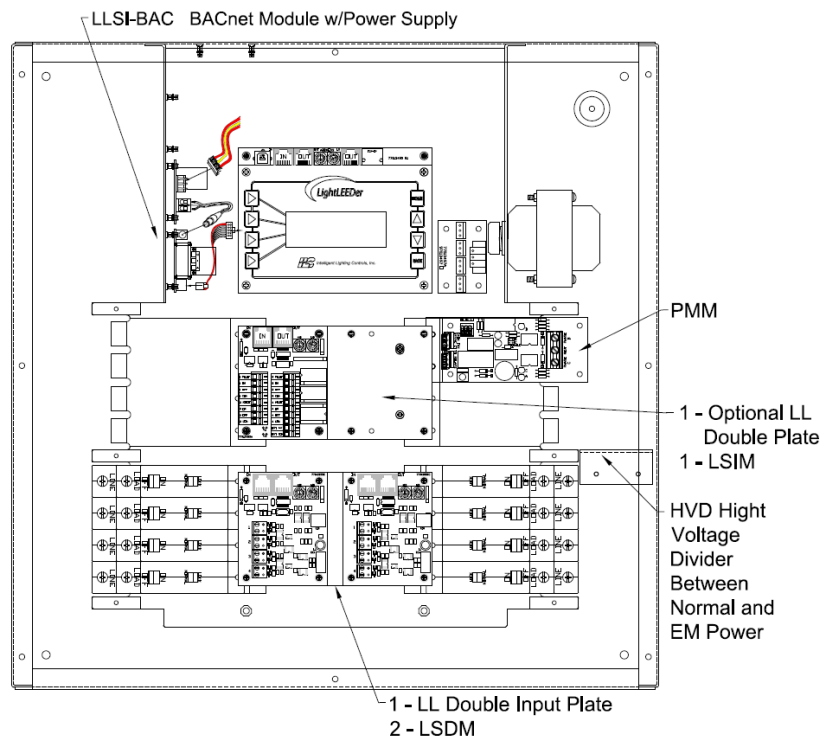
LightLEEDer 8 LL8



LL8-EM Panel (16 size Enclosure)

Qty	Relay	Notes
8	R40-1	1
4	R40-2	
2	R40-3	
Panel Mounted LightSync Devices		
1	LL Double Input Plate (Included)	3
1	Optional LL Double Input Plate	4
2	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
1	LSDMX-P (center of LLDP plate)	
1	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

LightLEEDer 8 EM LL8-EM



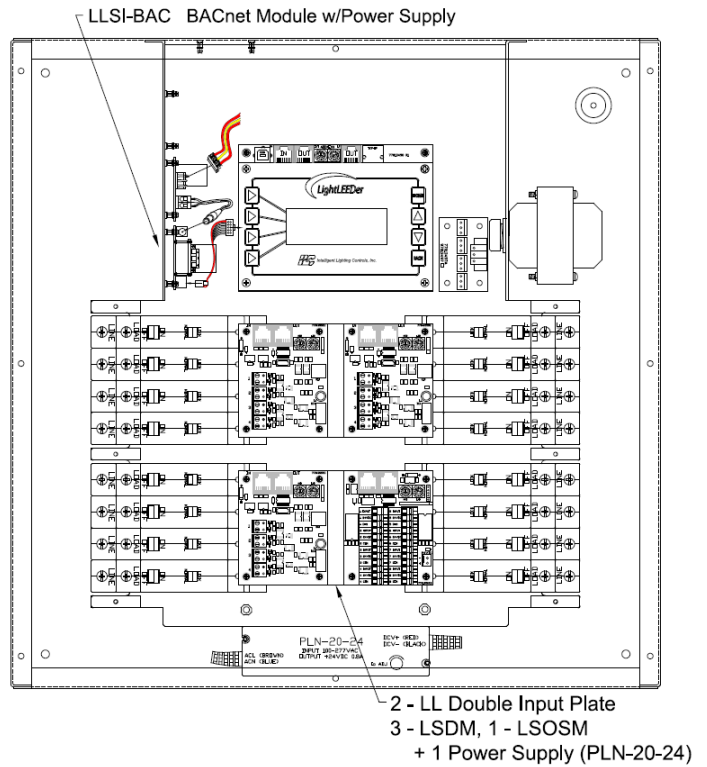
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LightLEEDer 16 Panel Capacity

LL16 Panel

Qty	Relay	Note
16	R40-1	
8	R40-2	
4	R40-3	
Panel Mounted LightSync Devices		
2	LL Double Input Plate (Included)	3
4	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
2	LSDMX-P (center of LLDP plate)	
1	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

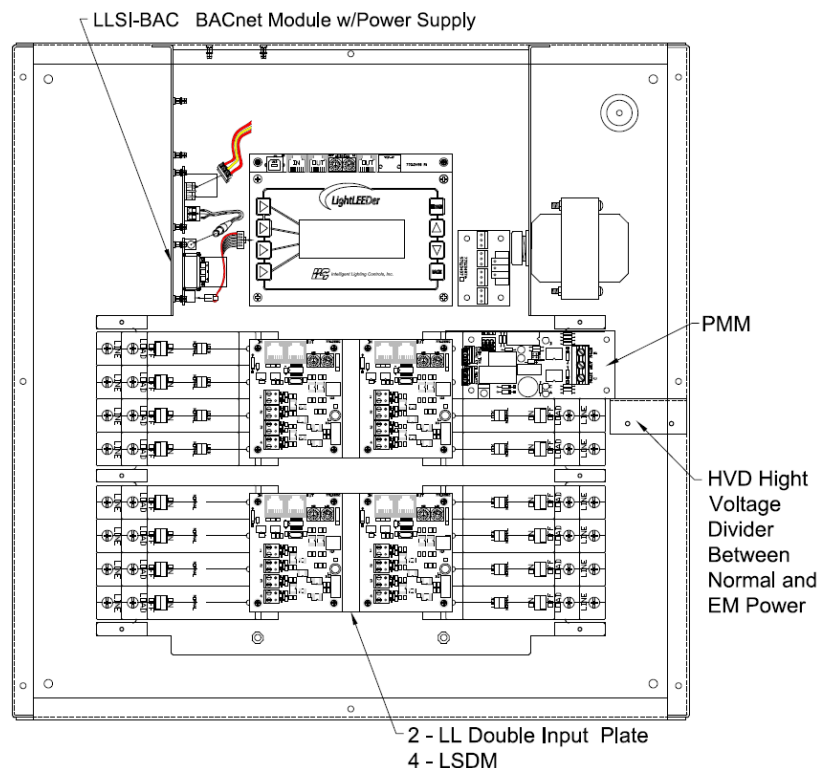
LightLEEDer 16 LL16



LL14-EM Panel

Qty	Relay	Note
14	R40-1	2
7	R40-2	
3	R40-3	
Panel Mounted LightSync Devices		
2	LL Double Input Plate (Included)	3
2	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
1	LSDMX-P (center of LLDP plate)	
1	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

LightLEEDer 14 EM LL14-EM



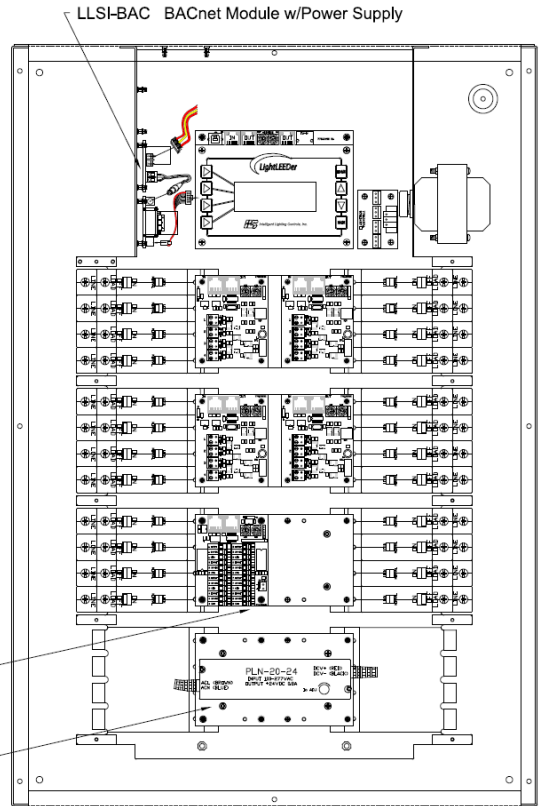
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LightLEEDer 24 Panel Capacity

LL24 Panel (32 size Enclosure)

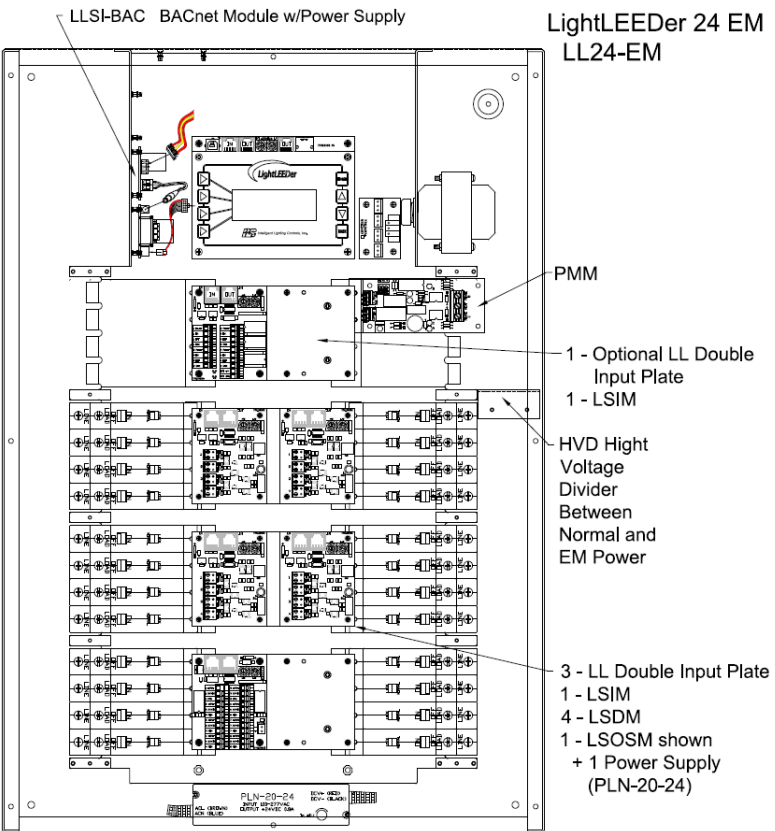
Qty	Relay	Note
24	R40-1	
12	R40-2	
6	R40-3	
Panel Mounted LightSync Devices		
3	LL Double Input Plate (Included)	3
1	<i>Optional</i> LL Double Input Plate	4
8	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
4	LSDMX-P (center of LLDP plate)	
3	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

LightLEEDer 24
LL24



LL24-EM Panel (32 size Enclosure)

Qty	Relay	Note
24	R40-1	1
12	R40-2	
6	R40-3	
Panel Mounted LightSync Devices		
3	LL Double Input Plate (Included)	3
1	<i>Optional</i> LL Double Input Plate	4
8	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
4	LSDMX-P (center of LLDP plate)	
3	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7



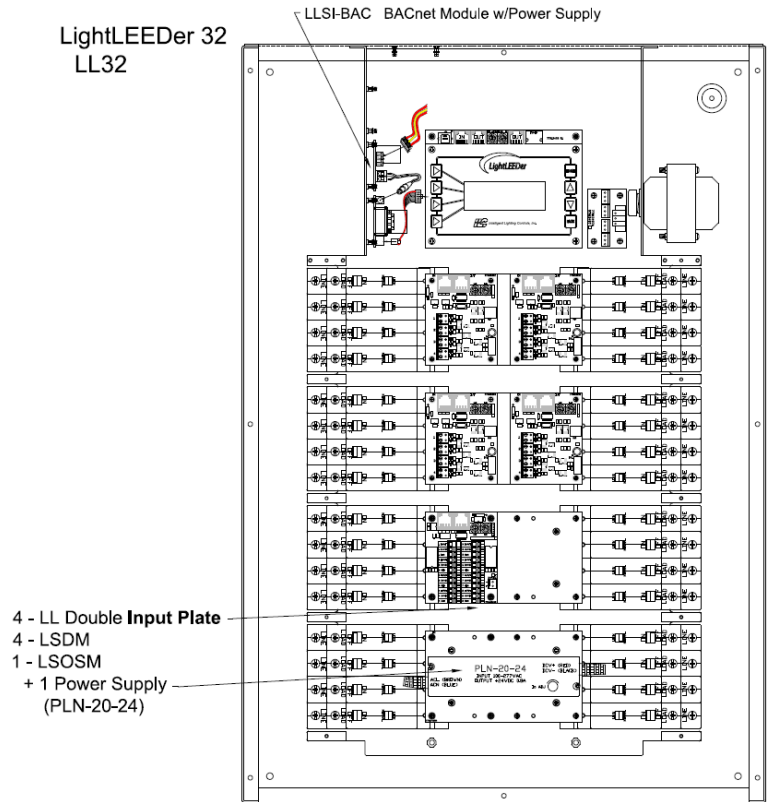
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LightLEEDer 32 Panel Capacity

LL32 Panel

Qty	Relay	Note
32	R40-1	
16	R40-2	
8	R40-3	
Panel Mounted LightSync Devices		
4	LL Double Input Plate (Included)	3
8	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
4	LSDMX-P (center of LLDP plate)	
3	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

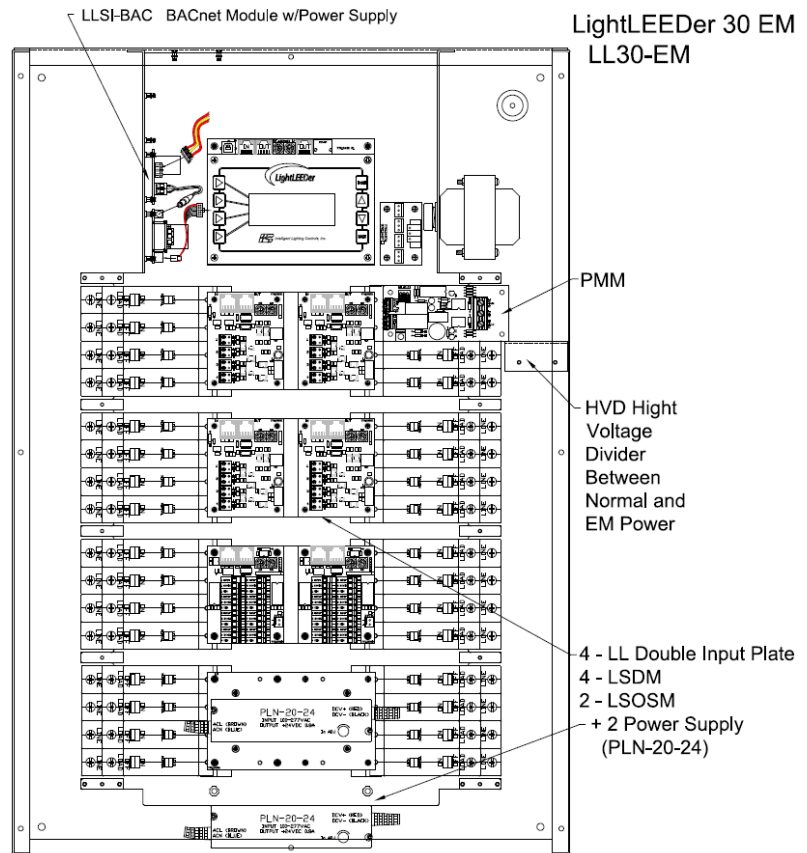
LightLEEDer 32
LL32



LL30-EM Panel

Qty	Relay	Note
30	R40-1	2
15	R40-2	
7	R40-3	
Panel Mounted LightSync Devices		
4	LL Double Input Plate (Included)	3
8	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
4	LSDMX-P (center of LLDP plate)	
3	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

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LightLEEDer 40 Panel Capacity

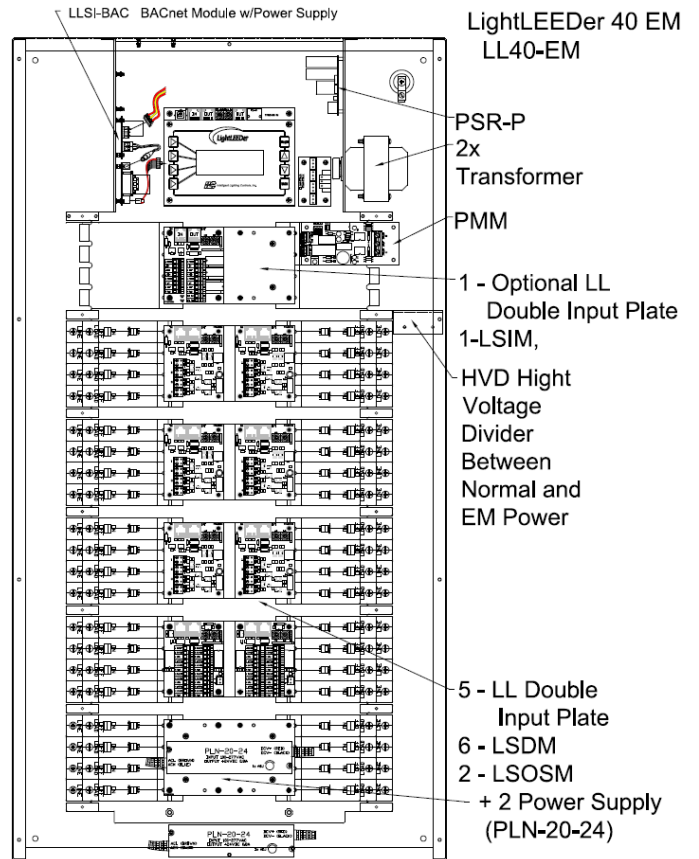
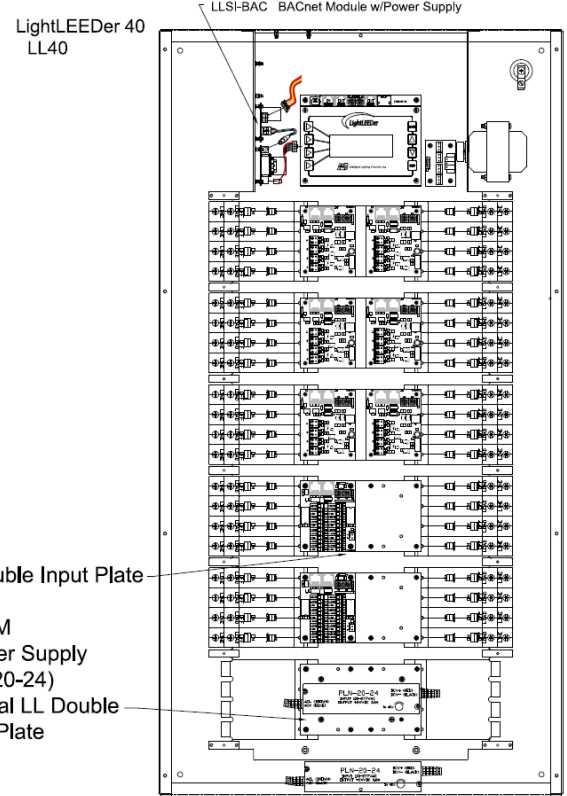
LL40 Panel (48 size Enclosure)

Qty	Relay	Notes
40	R40-1	
20	R40-2	
10	R40-3	
Panel Mounted LightSync Devices		
5	LL Double Input Plate (Included)	3
1	Optional LL Double Input Plate	4
12	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
6	LSDMX-P (center of LLDP plate)	
4	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

LL40-EM Panel (48 size Enclosure)

Qty	Relay	Notes
40	R40-1	1
20	R40-2	
10	R40-3	
Panel Mounted LightSync Devices		
5	LL Double Input Plate (Included)	3
1	Optional LL Double Input Plate	4
12	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
6	LSDMX-P (center of LLDP plate)	
4	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

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LightLEEDer 48 Panel Capacity

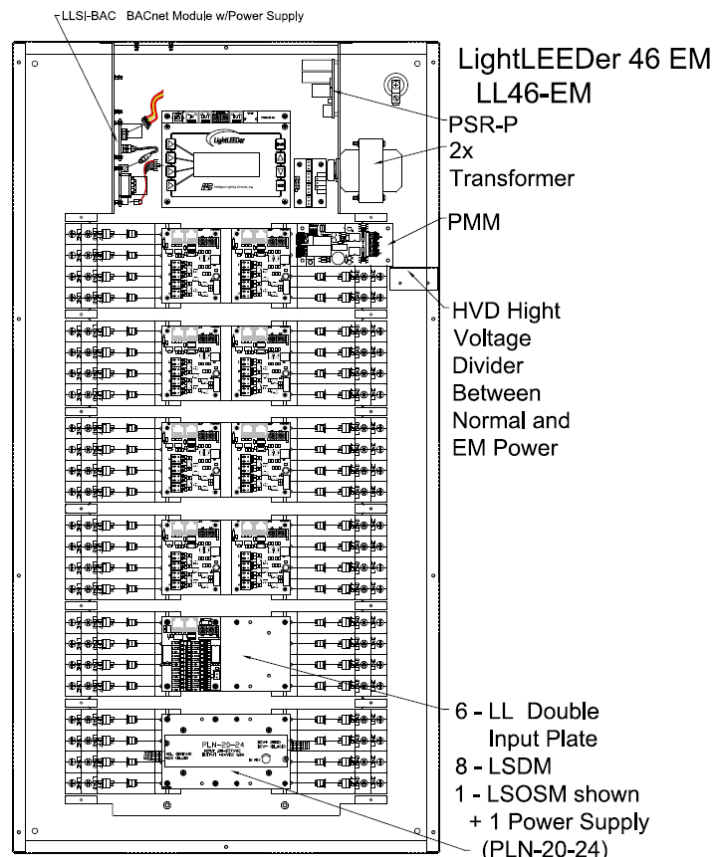
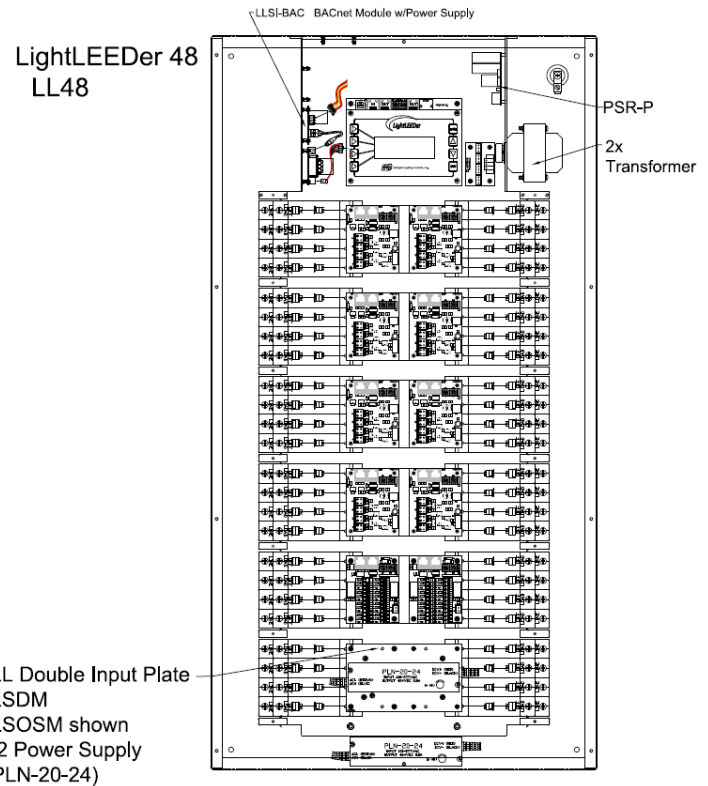
LL48 Panel

Qty	Relay	Note
48	R40-1	
24	R40-2	
12	R40-3	
Panel Mounted LightSync Devices		
6	LL Double Input Plate (Included)	3
12	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
6	LSDMX-P (center of LLDP plate)	
4	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

LL46-EM Panel

Qty	Relay	Note
46	R40-1	2
23	R40-2	
11	R40-3	
Panel Mounted LightSync Devices		
6	LL Double Input Plate (Included)	3
12	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
6	LSDMX-P (center of LLDP plate)	
4	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

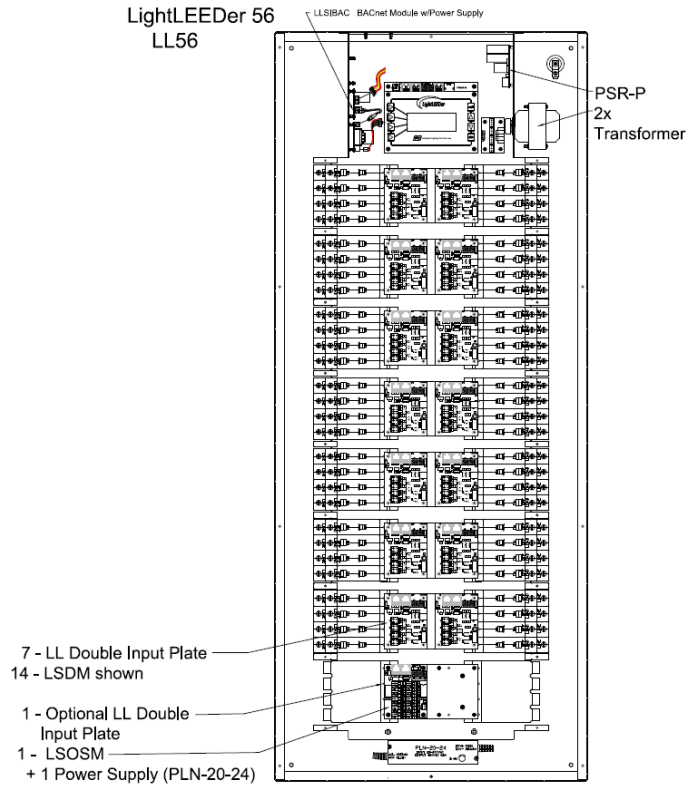
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LightLEEDer 56 Panel Capacity

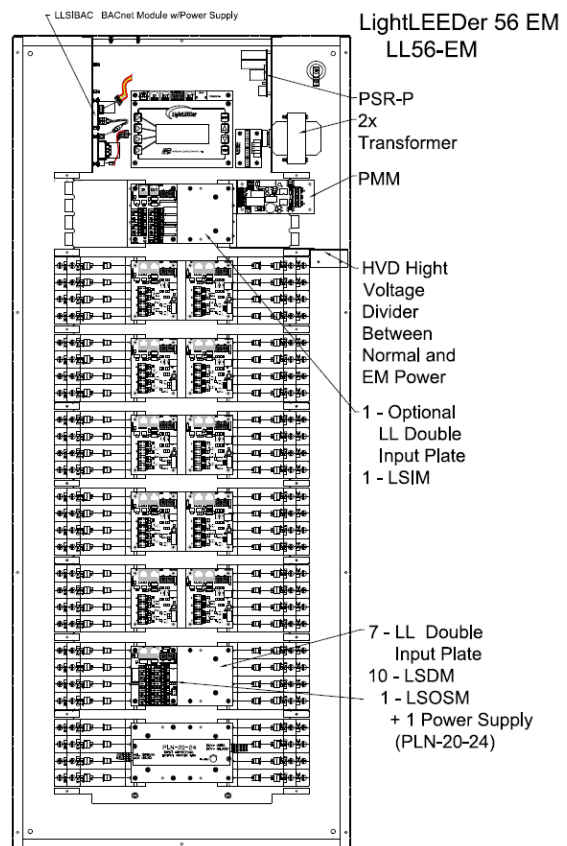
LL56 Panel (64 size Enclosure)

Qty	Relay	Notes
56	R40-1	
28	R40-2	
14	R40-3	
Panel Mounted LightSync Devices		
5	LL Double Input Plate (Included)	3
1	Optional LL Double Input Plate	4
16	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
8	LSDMX-P (center of LLDP plate)	
6	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7



LL56-EM Panel (64 size Enclosure)

Qty	Relay	Note
56	R40-1	1
28	R40-2	
14	R40-3	
Panel Mounted LightSync Devices		
7	LL Double Input Plate (Included)	3
1	Optional LL Double Input Plate	4
14	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
7	LSDMX-P (center of LLDP plate)	
6	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7



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LightLEEDer 64 Panel Capacity

LL64 Panel

Qty	Relay	Notes
64	R40-1	
32	R40-2	
16	R40-3	
Panel Mounted LightSync Devices		
8	LL Double Input Plate (Included)	3
16	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	
8	LSDMX-P (center of LLDP plate)	
6	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

LL62-EM Panel

Qty	Relay	Notes
62	R40-1	2
31	R40-2	
15	R40-3	
Panel Mounted LightSync Devices		
8	LL Double Input Plate (Included)	3
6	LSIM-P, LSPSC-P, LSDM-P, LSCIM-P	8
8	LSDMX-P (center of LLDP plate)	
6	LSOSM-P w/Power Supply	5
Add-On LL Serial Modules		
4	LLSI-Mod, LLDMX, LLRSR	
2	LLSI-BAC w/Power Supply	
Panel and Remote LS Devices		
8	LS Devices @ 2,000 Accumulative Feet	6
1	PSR (+20 LS Devices @ 3,000Ft.)	7

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