

We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

Item	Part #	Description	Wiring Item #	Item	Part #	Description	Wiring Item #
FAN ASSEMBLIES AND THERMOSTATS				CONTROL PANEL			
A.	7W Standard	Fan Assembly	(1)	F.	0106236	Defrost Timer (TC.4440604)	(5)
	0436516	Fan Motor, Evaporator – 208V/230V (MO.4410106)		G.	Disconnect Switch		(6)
	0142780	Fan Blade (FB.0142780)			0019187	6 ft (SW.4440647)	
		7W Energy Efficient Fan Assembly	(1)		0447658	8 ft (SW.4410992)	
	0477660	Fan Motor, Evaporator – 208V/230V (MO.4410551)		H.	0138400	Contactor (CN.4480909)	(7)
	0142780	Fan Blade (FB.0142780)		I.	0513693	Pressure Control (CP.4482953)	(8)
B.	0510349	Standard Adjustable Refrigeration Thermostat (CT.4441543)	(2)	J.	0514020	Time Delay Relay (8 ft. only) (RL.4441768)	(9)
HEATERS				REFRIGERATION			
C.	Nosing Anti-sweat Heater, 230V		(3)	K.	Condensing Unit Assembly, 230V		
	0512936	6 ft. (HE.4851185)			0513598	6 ft. (EQ.4671457)	
	0513919	8 ft. (HE.4851186)			0513597	8 ft. (EQ.4613775)	
D.	0322013	Condensate Pan Heater 230V (HE.4850230)	(4)	L.	0331344	Sight Glass (GL.4974431)	
E.	0338797	Condensate Pan (DP.4982984)		M.	0111482	Drier (FI.4611727)	
				N.	0515380	Crankcase Pressure Regulator (VR.4613797)	
				O.	TEV		
					0381080	6 ft. (VR.4611614)	
					0381081	8 ft. (VR.0381081)	
				LAMPS AND BALLASTS			
				P.	0440215	Ballast, Electronic 2 lamps (BA.4481267)	(10)
				Q.	Fluorescent Lamp		(11)
						<i>Replace with like fixtures</i>	

Note: Revision A is original issue



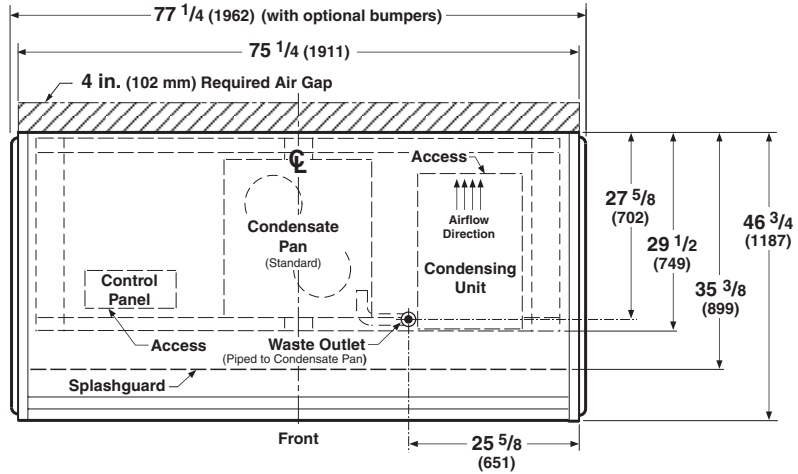
Engineering Plan Views

**C2-LEA-E9
C2-LGEA-E9**

**Dairy / Delicatessen
Precut & Packaged Produce,
Self-Contained**

6 ft

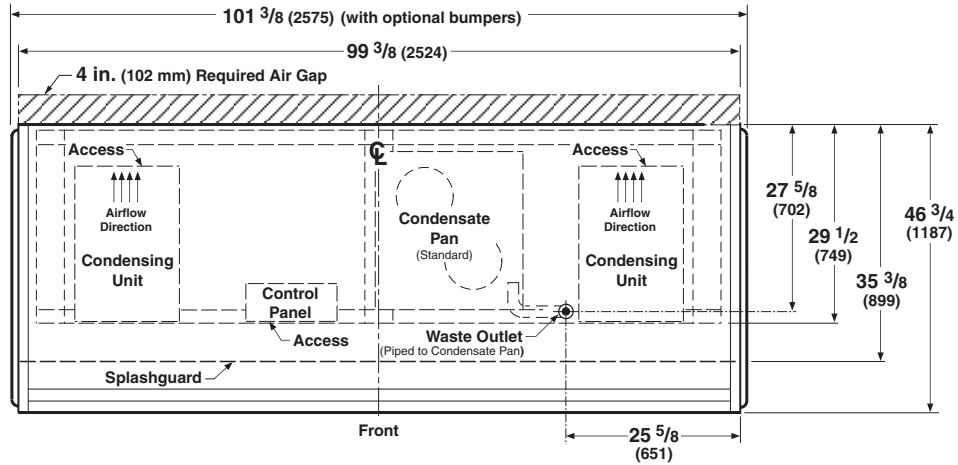
03-10



Dimensions shown as inches and (mm).

8 ft

03-10



General	6 ft	8 ft
Case Length (Note: Includes One Pair Ends)	75 1/4 (1911)	99 3/8 (2524)
Optional End Bumpers (One Pair)	2 (51)	2 (51)
Maximum O/S dimension of case back to front (Note: Includes bumper)	46 3/4 (1187)	46 3/4 (1187)
Back of case to front of splashguard	35 3/8 (899)	35 3/8 (899)
Width of skid rail	4 1/4 (108)	4 1/4 (108)
RH end of case of outside edge of external support	2 3/4 (70)	2 3/4 (70)
Width of external and center supports	4 1/4 (108)	4 1/4 (108)
Distance between edges of external support and center support	28 1/2 (724)	40 1/2 (1029)
Waste Outlet ●		
RH end of case (from outside of End Assembly) to center of waste outlet	25 5/8 (651)	25 5/8 (651)
Back of case to center of waste outlet	27 5/8 (702)	27 5/8 (702)

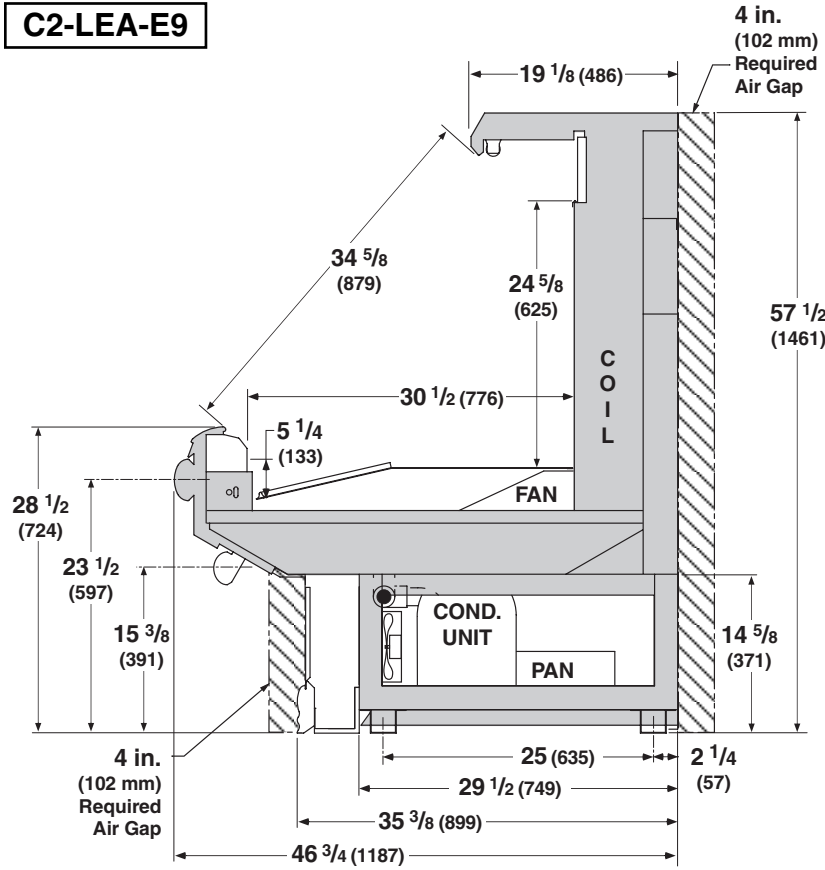
C2-LEA-E9

C2-LGEA-E9 Technical Data Sheet

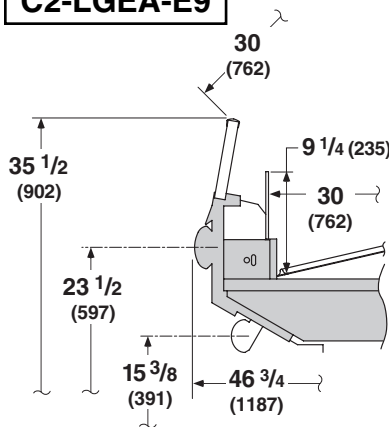
Multi-deck, 3 Display Levels, Self-Contained

Dimensions shown as inches and (mm).

C2-LEA-E9



C2-LGEA-E9



**Impact C2-LEA-E9
C2-LGEA-E9**
Dairy / Delicatessen
Precut & Packaged Produce,
Self-Contained

REFRIGERATION DATA

Note: This data is based on store temperature and humidity that does not exceed 75°F and 55% R.H. unless otherwise stated. Schedule defrost at night while lights are off.

	C2-LEA-E9	C2-LGEA-E9
	6 ft	8 ft
Thermostat Setting CI/CO (°F)	27 / 23	27 / 23
Condensing Unit (hp)	1	0.75 each
Condensing Unit Capacity (Btu/hr at std. rating conditions)	8940	6590 each

DEFROST DATA

	C2-LEA-E9	C2-LGEA-E9
Frequency (hr)		6
OFFTIME		
Failsafe (minutes)		30
Defrost Termination Pressure (psig)		100 (48°F)

CONVENTIONAL CONTROLS

	C2-LEA-E9	C2-LGEA-E9
Low Pressure Backup Control		CI/CO
HPC (psig)		400/450
LPC (psig)		45/34

PHYSICAL DATA

	C2-LEA-E9	C2-LGEA-E9
Refrigerant Charge		
6 ft	4.25 lb	68 oz 1.9 kg
8 ft	2.5 lb each	40 oz each 1.1 kg each

NSF® Certification

This merchandiser model is manufactured to meet ANSI/NSF® (National Sanitation Foundation) Standard #7 requirements for construction, materials & cleanliness.

Impact C2-LEA-E9
C2-LGEA-E9

Dairy / Delicatessen
Precut & Packaged Produce,
Self-Contained

Electrical Data

Note: These are rated values for individual components and should not be added together to determine total merchandiser electrical load.

	6ft	8 ft		
Number of Fans – 7W	2	2		
	Amperes		Watts	
	6 ft	8 ft	6 ft	8 ft
Evaporator Fans				
230V 60Hz Standard	0.50	0.50	78	78
230V 60Hz Energy Efficient	0.20	0.20	28	28
Nosing Anti-sweat Heaters (220V)	0.30	0.30	72	72
Condensate Pan Heaters (230V)	4.0	4.0	920	920
Condensing Unit (208/230V, 1Ph, 60Hz)				
Minimum Circuit Ampacity	14.9	12.3 each		
Compressor LRA	51.0	43.0 each		
Compressor RLA	11.0	9.0 each		
Minimum Circuit Ampacity				
230V 1Ph 60Hz Standard	13.4	20.6		
230V 1Ph 60Hz Energy Efficient	13.1	20.3		
Maximum Over Circuit Protection 208/230V	20	30		
Lighting				
Standard (T-8 Fluorescent)	6 ft	8 ft	6 ft	8 ft
1 Row Canopy	0.26	0.26	59	59
Optional Lighting (T-8 Fluorescent)				
Additional 1 Row Canopy	0.26	0.26	59	59
Additional 2 Row Canopy	0.51	0.51	118	118
1 Row Rail Light	0.26	0.26	59	59
1 Row Ledge Light	0.26	0.26	59	59
Optional Shelf Lighting (T-8 Fluorescent)				
1 Row of Shelves	0.26	0.26	59	59
2 Rows of Shelves	0.51	0.51	118	118

<p style="text-align: center;">Impact C2-LEA-E9 C2-LGEA-E9 Dairy / Delicatessen Precut & Packaged Produce, Self-Contained</p>

Product Data

C28LEA-E9

<i>Recommended Usable Cube</i> ¹ (Cu Ft/Case)	24.64 ft ³ /case (0.70 m ³ /case)
<i>AHRI Total Display Area</i> ² (Sq Ft/Case)	22.58 ft ² /case (2.10 m ² /case)
<i>Shelf Area</i> ³ (Sq Ft/Case)	40.32 ft ² /case (3.75 m ² /case)

C26LGEA-E9

<i>Recommended Usable Cube</i> ¹ (Cu Ft/Case)	18.42 ft ³ /case (0.52 m ³ /case)
<i>AHRI Total Display Area</i> ² (Sq Ft/Case)	16.94 ft ² /case (1.57 m ² /case)
<i>Shelf Area</i> ³ (Sq Ft/Case)	30.12 ft ² /case (2.80 m ² /case)

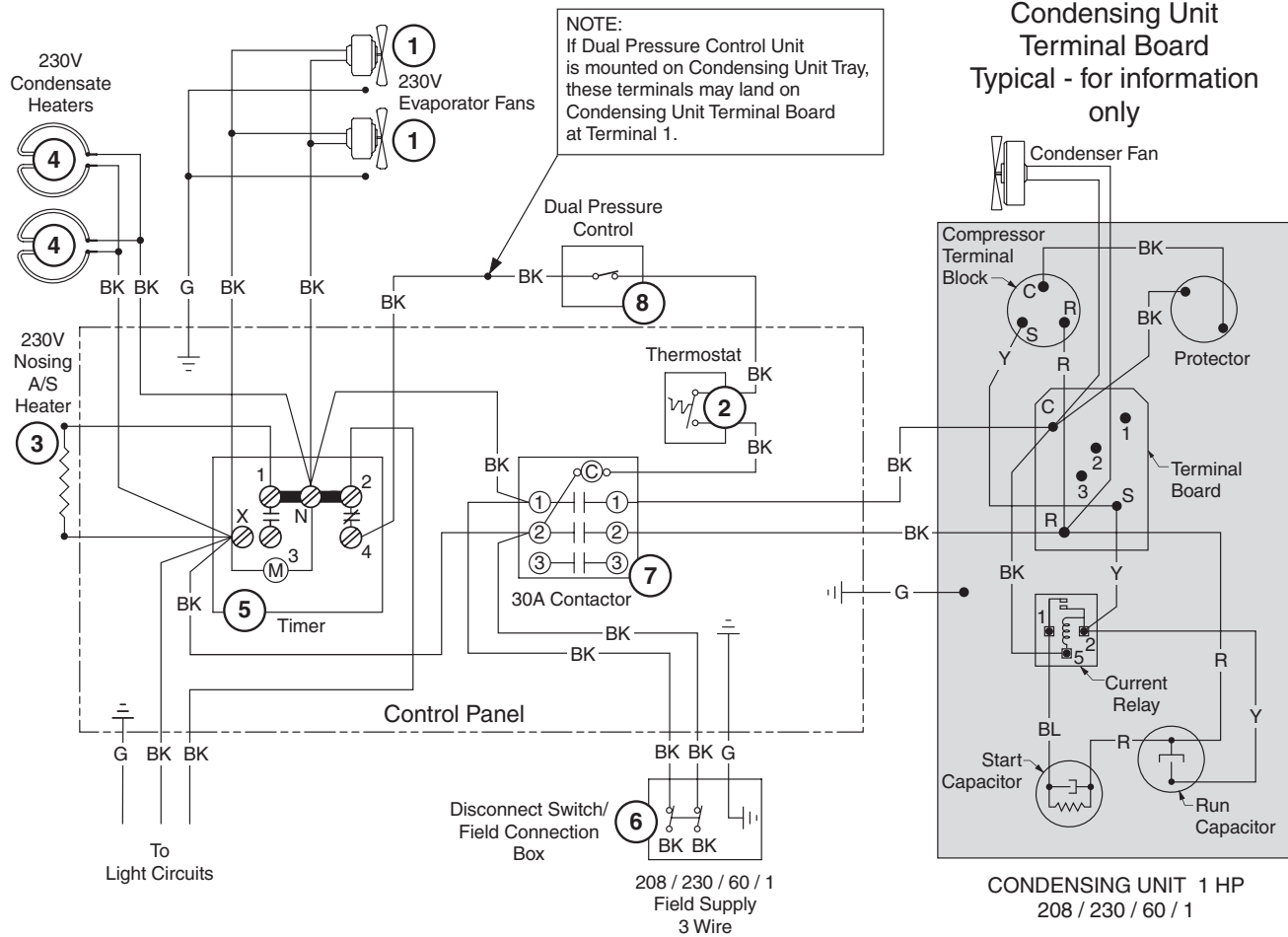
¹ AHRI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume / Unit of Length, ft³/ft [m³/m]
² Computed using AHRI 1200 standard methodology: Total Display Area, ft² [m²] / Unit of Length, ft [m]
³ Shelf surface area is composed of bottom deck plus standard shelf complement, as shown in the Hussmann **Product Reference Guide**. The standard shelf complement for this model is (1) row of 12-shelves and (1) row of 18-inch shelves.

ESTIMATED SHIPPING WEIGHT ⁴			
Case	<i>6 ft</i>	<i>8 ft</i>	<i>End</i>
lb (kg)	1029 (467)	1227 (557)	Included
⁴ Actual weights will vary according to optional kits included.			

Impact **C2-LEA-E9**
C2-LGEA-E9

Dairy / Delicatessen
Precut & Packaged Produce,
Self-Contained

Electrical Wiring
6 ft



WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

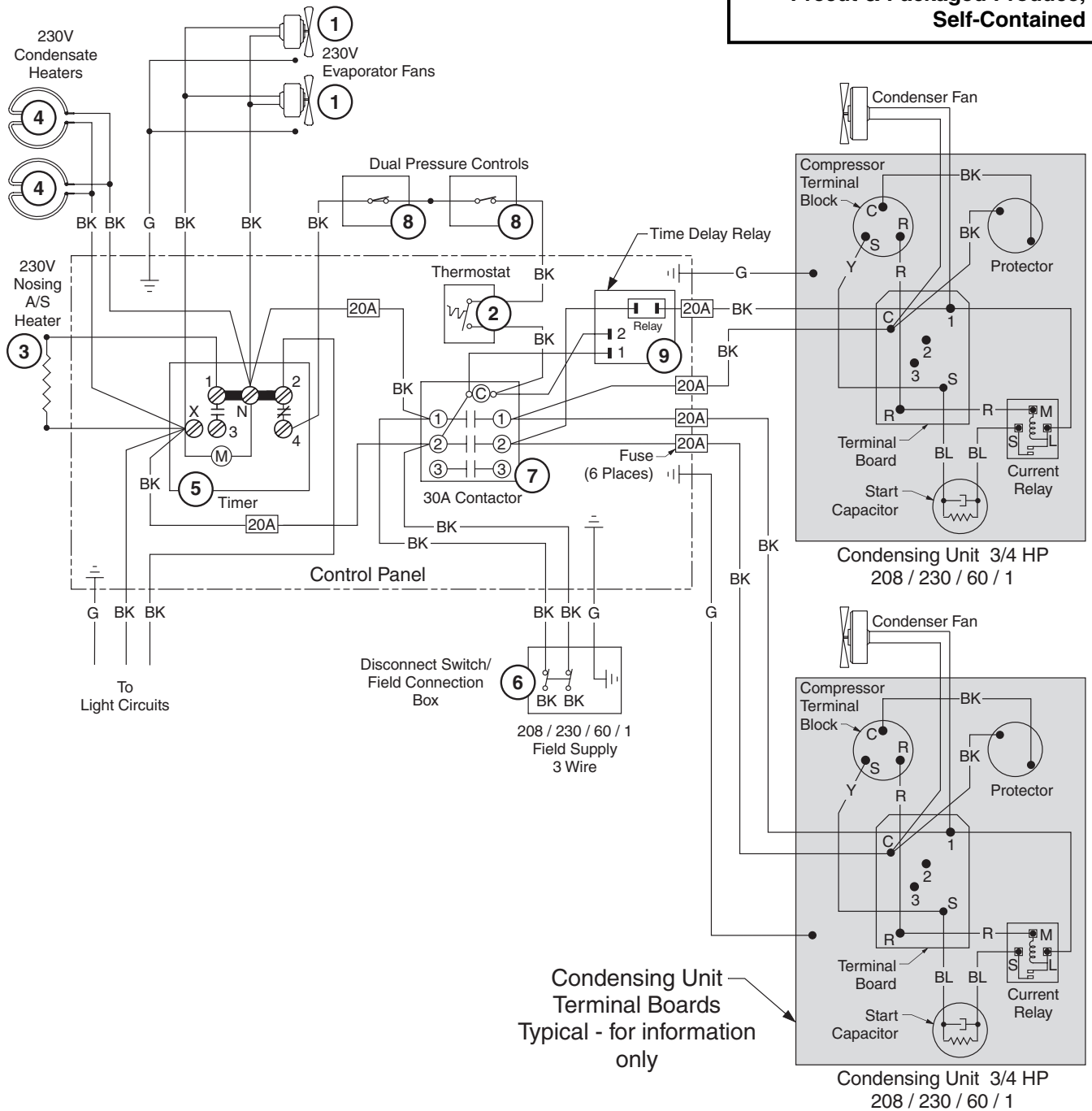
CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

R = Red Y = Yellow G = Green BL = Blue BK = Black W = White

\perp = FIELD GROUND /// = CASE GROUND

Electrical Wiring 8 ft

Impact C2-LEA-E9 C2-LGEA-E9 Dairy / Delicatessen Precut & Packaged Produce, Self-Contained



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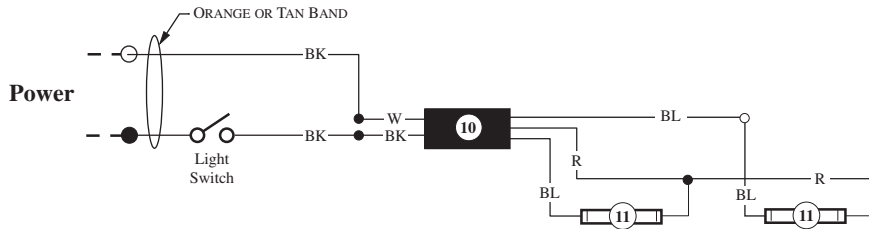
\perp = FIELD GROUND $\perp\perp$ = CASE GROUND

Impact **C2-LEA-E9**
C2-LGEA-E9

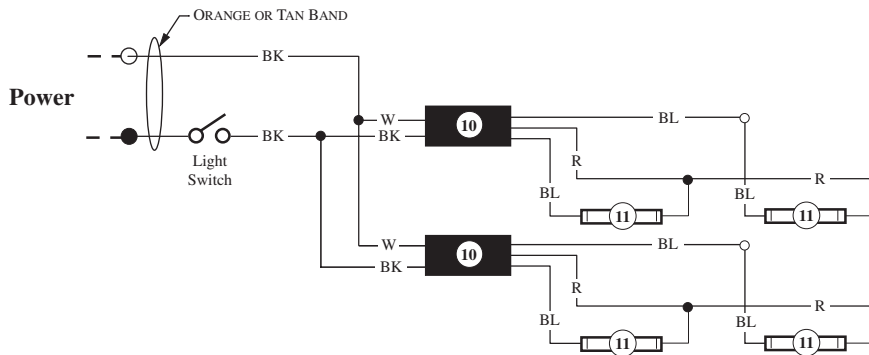
Dairy / Delicatessen
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Light Circuits

Standard 230V Lighting 1 Row Canopy or Optional 1 Row Rail



Optional 230V Lighting 2 Rows Canopy



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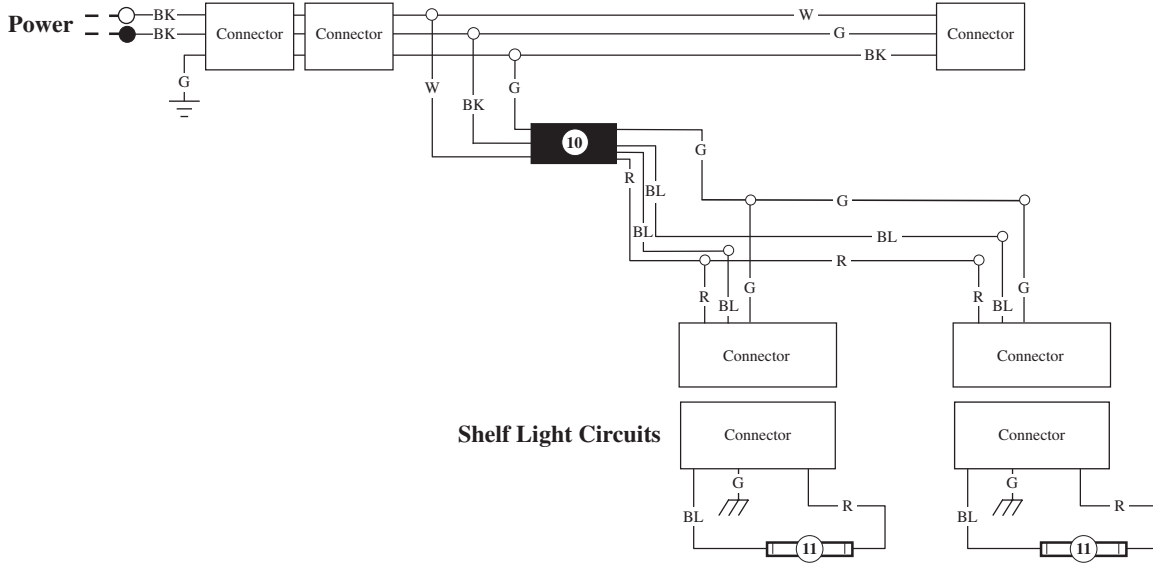
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Shelf Lighting

Impact **C2-LEA-E9**
C2-LGEA-E9
 Dairy / Delicatessen
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Optional 230V Shelf Harness and Light Circuits for One Row of Shelves

Shelf Harness



Typical Shelf Ballast Wiring

Maximum lamps per ballast is three (3).
 Different shelf configurations and different case lengths will have more shelf ballasts.

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