

DCLC Power Supply

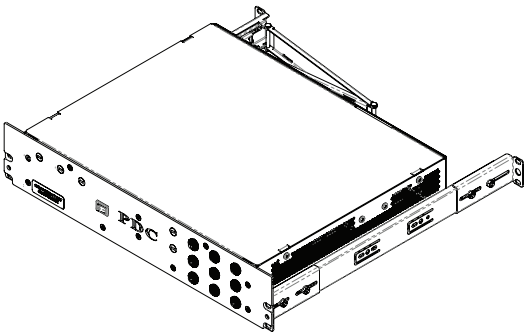
Rack Mounted 12V and 24V Series

for Non-MRI Applications



Product Description

The DCLC Power Supply is a compact 2 rack unit (2U) multi-zone power supply system for LED lighting applications. A wide variety of power supply options allows the DCLC to fit any lighting application both from general workspace and directional lighting to custom cove lighting and Image Ceiling® applications. The DCLC provides quiet, reliable power to anywhere in the health care facility. Multi-zone dimming is supported through either standard 0-10V wall box dimmers or optionally through the mobile lighting application.



PDC Specification Submittal

Job Name:	
Job Number:	
Model Numbers:	Fixture Type:

12V Series Electrical Data

Part Number	Lighting Zones	Directional Lights	Input Voltage (Vac)	Max Input Current (A @120V)	Max Input (W)	Frequency (Hz)	Max Output Current (A)	Output Voltage (VDC)	Max Output (W)	BTU/hr
1-05-000093	3 (Or 1 RGB)	-	120/240	5.4	648	50/60	13.5A x 3 Outputs	12	583	1989
1-05-000094	5 (Or 1 RGB + 2)	-	120/240	7.74	927	50/60	13.5A x 3 Outputs, 20A x 2 Outputs	12	834	2845
1-05-000097	3 (Or 1 RGB) (+ Directionals)	2	120/240	5.8	690	50/60	13.5A x 3 Outputs, 0.9A for Directionals	12/36	621	2118
1-05-000098	5 (Or 1 RGB + 2) (+ Directionals)	2	120/240	7.74	927	50/60	13.5A x 3 Outputs, 20A x 2 Outputs, 0.9A for Directionals	12/36	834	2845

24V Series Electrical Data

Part Number	Lighting Zones	Directional Lights	Input Voltage (Vac)	Max Input Current (A @120V)	Max Input (W)	Frequency (Hz)	Max Output Current (A)	Output Voltage (VDC)	Max Output (W)	BTU/hr
1-05-000141	3 Max	-	120/240	5.4	648	50/60	7A x 3 Outputs	24	583	1989
1-05-000096	5 Max	-	120/240	7.74	927	50/60	7A x 3 Outputs, 10A x 2 Outputs	24	834	2845
1-05-000142	3 Max (+ Directionals)	2	120/240	5.8	690	50/60	7A x 3 Outputs, 0.9A for Directionals	24/36	621	2118
1-05-000100	5 Max (+ Directionals)	2	120/240	7.74	927	50/60	7A x 3 Outputs, 10A x 2 Outputs, 0.9A for Directionals	24/36	834	2845

Hybrid Series Electrical Data

Part Number	Lighting Zones	Directional Lights	Input Voltage (Vac)	Max Input Current (A @120V)	Max Input (W)	Frequency (Hz)	Max Output Current (A)	Output Voltage (VDC)	Max Output (W)	BTU/hr
1-05-000099	3@12V (Or 1 RGB) 2@24V (+ Directionals)	2	120/240	7.74	927	50/60	13.5A x 3 (12V) Outputs, 10A x 2 (24V) Outputs, 0.9A for Directionals	12/24/36	834	2845
1-05-000140	3@12V (Or 1 RGB) 2@24V	-	120/240	5	600	50/60	9A x 3 (12V) Outputs, 7A x 2 (24V) Outputs,	12/24	480	1637
1-05-000095	3@12V (Or 1 RGB) 2@24V	-	120/240	7.74	927	50/60	13.5A x 3 (12V) Outputs, 10A x 2 (24V) Outputs,	12/24	834	2845

Mechanical

	Minimum	Typical	Maximum	Units
Overall Dimensions	-	19.0 x 17.9 x 3.5	-	in.
Enclosure	-	Powder Coated Steel	-	-
Product Weight	-	-	17	lbs

Dimming Inputs				
	Minimum	Typical	Maximum	Units
Dim Voltage	1	-	8	Vdc
Dim Value	1	-	100	% of Rated Current
Dim Source	-	-	150	µA

Compliance				
	Minimum	Typical	Maximum	Units
Regulatory Safety	-	Listed	-	UL 2108 CSA C22.2#250.2
CE	-	Pending	-	-
RoHS	-	Pending	-	2011/65/EU 2015/863

Environmental				
	Minimum	Typical	Maximum	Units
Operating Temperature	0	-	25	C
Humidity	20	-	80	%
Warranty	3	-	-	Years

Mechanical Diagram

