

Linear LED upgrade solution for facilities with class 2 DC wiring



APPLICATION

RETROFITTING FACILITIES WITH EXISTING DC WIRING INFRASTRUCTURE

- Low Bay / High Bay
- Accent Lighting
- Wall Washing
- Troffers
- Slot Fixtures
- High Output T5 Retro
- Vapor Tights

OVER 175+ LUMENS / WATT DELIVERED
EASY PLUG & PLAY ATTACHMENTS
INTEGRATED HEAT SINK
ISO 9001 GEORGIA BASED FACILITY



FEATURES

QUALITY LIGHTING

- Operating Temperature: -40° F to 135° F (57° C)
- Flicker-free, hum-free, buzz-free
- 170+ (up to 190) Lumens/Watt via under-driven Lumiled 2835C SMDs
- L70 over 120,000 hours

EASE OF USE

- Designed for install & service ease
- Plug & play TEK-screwin kits
- Install hardware included in kit

INPUT DC RANGE

- Range of DC input range of 40VDC to 56VDC.



PERFORMANCE SPECIFICATIONS

Model		# of Drivers	Wattage	Lumens @ 5000K	CRI	Voltage Input
HDS-DCI	1x22	1	17	2,888	80+	40 to 56 DC Voltage
	2x22	1	36	5,891		
	1x44	1	17	2,888		
		1	36	5,891		
		1	49	7,623		
	2x44	1	36	5,891		
		1	49	7,854		
		2	97	15,708		
	3x44	1	49	7,854		
		3	109	17,672		
		3	146	23,562		

- Efficiency and lumens may vary by 5% based on CCT & general variance
- L70 > 120,000 @ 350mA & 80°C
- Beam Angle: 95°
- Operating Temp: -40° F to +135° F (57° C)
- Separate DC to DC Driver to be installed based on the needs of fixture.

DIMENSIONS (LENGTH X WIDTH X HEIGHT)
 22 Strip: 21.5" x 0.88" x 0.55"
 44 Strip: 44.0" x 0.88" x 0.55"
 DC Driver: 1.2" x 0.8" x 0.5"

ORDERING

EXAMPLE HDS-DCI-1x44-1-36-D: Two, four-foot strips at 5000K, 70+CRI, powered at 120 Watts in standard channel

PRODUCT	LENGTH	# OF DRIVERS	WATTAGE	CCT/CRI	DIFFUSOR
HDS-DCI	1x22 = (1) 22" inches 2x22 = (2) 22" inches 1x44 = (1) 44" inches 2x44 = (2) 44" inches 3x44 = (3) 44" inches	1 2 3	17 36 49 97 109 146	4080 5080	D = Diffusor Cover N = No Diffusor Cover

Full integrated fixture solutions are available upon request and may include linear low bays, wall systems, high bays and vapor tights.

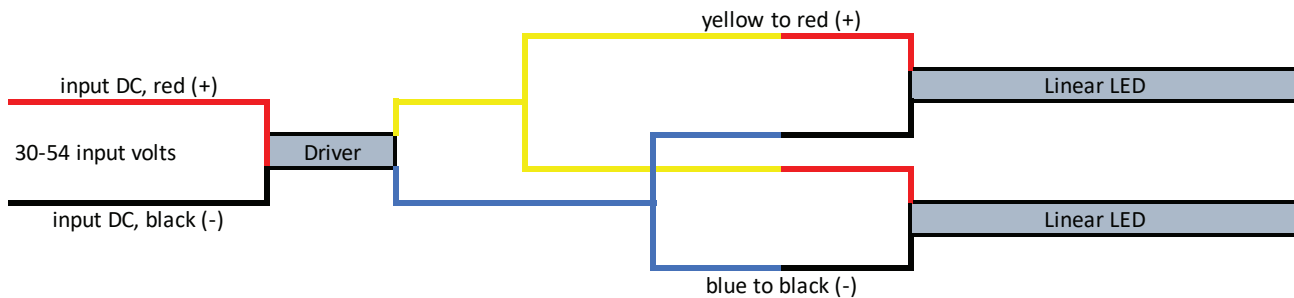
For a complete fixture solution, please contact HiLumz USA to discuss the application.

INSTALLATION & WIRE DIAGRAM

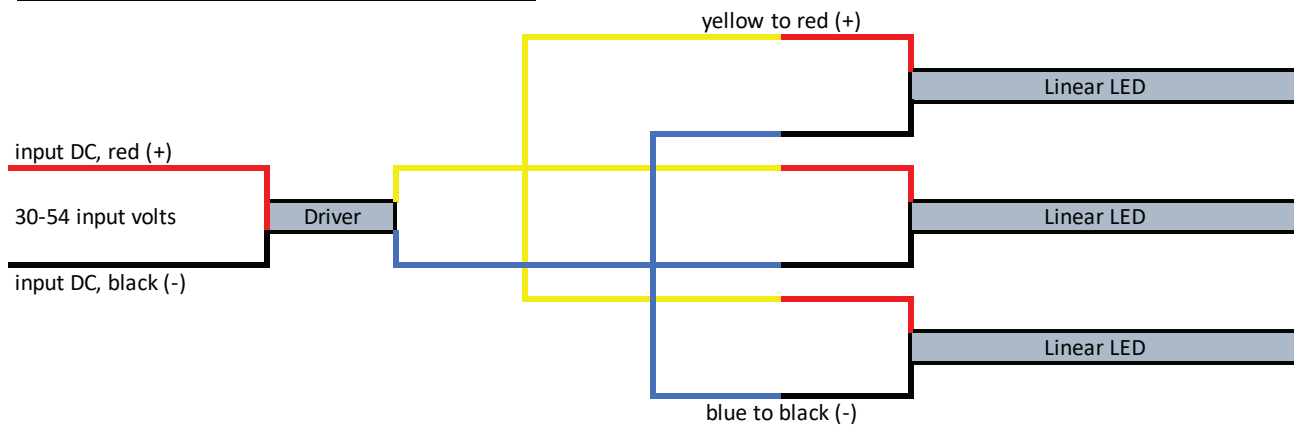
ONE DRIVER TO ONE LIGHT BAR



ONE DRIVER TO TWO LIGHT BARS



ONE DRIVER TO THREE LIGHT BARS



Light bars are fastened by screw fasteners.

All wiring and hardware is included in the kit.

In some cases, depending on where the installer mounts the driver, additional wiring material may be needed.

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