



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION – The high performance retrofit system is designed for applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult are ideal applications.

CONSTRUCTION – The optical assemblies are sealed in place using a silicone gasket for weather tight protection. Modular LED bricks wired in parallel for ease of maintenance. ETL listed for wet locations (IP64).

OPTICAL SYSTEM – Made with a state of the art UV stabilized acrylic high performance refractive optical assemblies that use high transmicity materials to achieve precise photometric distributions. Available in Type II, III, IV, IV Automotive, V Medium and V Wide beam configurations.

ELECTRICAL SYSTEM – Available in up to a 4 brick LED system in 5000K-70 CRI Cool White (+/- 500K) or 4100K-70 CRI Neutral White color temperatures propagated with CREE® XLamp XHP70 LED's. Consult factory for high CRI (90+) model availability. Available with 100-300V 50/60 Hz Class II power supply. LED's rated for over 50,000 hours at 25°C ambient temperature. 347V~480V input option available. 0-10V dimming. Built-in surge protection up to 10 kV. Built-in Active PFC Function >95%/Full load. LED Power Supply conforms to UL8750 standards and is IP65 rated for wet locations.

LISTINGS – ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 50°C ambient operation.



Commercial LED Retrofit System
for Greenbriar Fixtures

LGBRET SERIES



Final product may vary in appearance from unit shown.

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **LGBRET 4 C X T3 D 1 BZ CT**

LGBRET

Series	# of Bricks	Color Temp	# LED's per Brick	Optics	Drive Current	Voltage	Finish	Options
LGBRET Retrofit Kit for Greenbriar	4 4 Brick	C Cool White (5000K) N Neutral White (4100K)	X 8 XHP80 LED's	T2 Type II T3 Type III T4 Type IV T4A Type IV Automotive T5M Type V Medium T5W Type V Wide	D 1050mA Driver	1 Multi-Volt ¹ 2 347~480V	BK Black BZ Bronze GR US Green WH White SP Special ²	CT Custom Tuned Driver for 42,000 lumen output

Accessories (Order as separate line items)

BSP3-277-LC 20kV Surge Suppressor

NOTES

- Multi-Volt is an auto ranging power supply from 90V to 300V input.
- Custom RAL color matching is available. Contact your Techlight sale representative for additional information.