

Linear Format High Output Module For a Variety of Applications

Features and Benefits

- 0.5" x 11" linear modules or decorative linear bath bars, cove and architectural
- **TFA (Turtle Friendly Amber)** version is AlInGaP LED with narrow wavelength, Florida Wildlife Commission (FWC) compliant
- Pre-wired 18" pigtails are mechanically robust and reduce labor
- Protective conformal (transparent) coating for exterior applications
- Includes mounting holes and notches and 3M 468MP peel & stick tape
- Compatible with Forzlux drivers:
 - PS14-350C-DUALDIM-UNV-PP for whites
 - 120-277VAC, ELV/triac/0-10V dim
 - PS14-350C-DUALDIM-UNV-PP-**250MA** for all colors
 - 120-277VAC, ELV/triac/0-10V dim

Product Detail



BB22™ SERIES

Compatible LED Drivers

Maximum DC Input Current to Module	See Table 1
Typical DC Input Voltage to Module	See Table 1

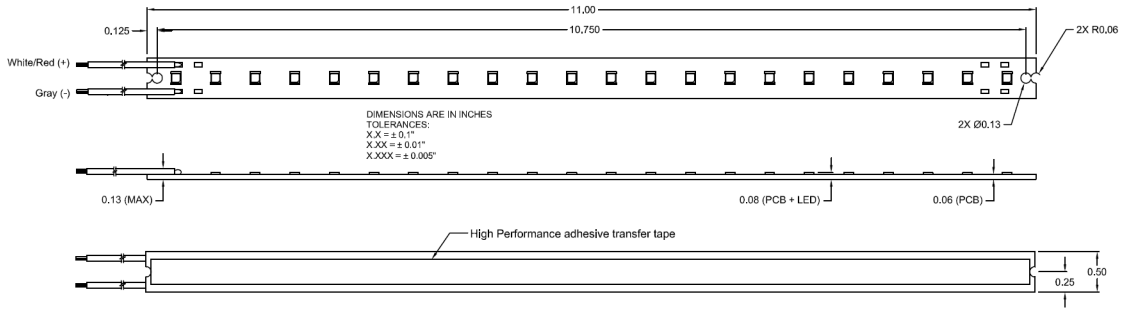
Ratings and Performance Specifications

Nominal DC Power Consumption	See Table 1
Recommended Screw Installation Torque	75-inch ounces
Maximum Operating Range Ambient Temperature (Ta)	-40 to +50°C
Maximum Solder Pad Temperature (Ts)	+105°C
Estimated Lumen Depreciation (TM-21)	70% initial lumens (L70) @ 100,000 hours
Nominal Weight	30 grams
Safety/Compliance UL Class 2 Recognized Component	E321468

Application Notes

1. The use of any washer (lock, flat, etc.), will void the warranty due to possible damage and/or shorting of LED and/or circuit board.
2. This module requires heatsinking at full power. The luminaire design should allow heat to escape the system. Forzlux provides thermal testing of light engines in the luminaire for OEM customers to ensure long life and compliance with warranty.
3. Abnormal operating conditions such as elevated ambient temperatures can negatively impact lumen output, product lifetime and/or performance.

Physical Dimensions



18" nominal length leads, 20AWG, 105°C, strip ends 7/16"

Ts measurement point is cathode of center LED

Entire top of module is conformal coated with Humiseal 1B31 or equivalent

3M 468MP peel & stick tape on back of module, clean heatsink surface with isopropyl alcohol

Table 1, Performance Characteristics at 25°C

Data from laboratory test measurements, actual results may vary.

Part Number	Typical	Min	Max	Typical	Typical	Typical Lumens	Efficacy (DC LPW)
	CCT/DWL (Kelvin/nm)		Current (ADC)	VF (VDC)	Power (WDC)		
BB22TM-20-80-01	2000	80	0.35	33.0	11.55	1283	111
BB22TM-25-80-01	2500	80	0.35	33.0	11.55	1540	133
BB22TM-27-80-01	2700	80	0.35	33.0	11.55	1822	158
BB22TM-30-80-01	3000	80	0.35	33.0	11.55	1898	164
BB22TM-35-80-01	3500	80	0.35	33.0	11.55	1943	168
BB22TM-40-80-01	4000	80	0.35	33.0	11.55	1952	169
BB22TM-50-80-01	5000	80	0.35	33.0	11.55	2035	176
BB22TM-65-80-01	6500	80	0.35	33.0	11.55	1980	171
BB22TM-TFA-01	595	n/a	0.25	24.2	6.05	473	78
BB22TM-RED-01	622	n/a	0.25	24.2	6.05	418	69
BB22TM-GREEN-01	527	n/a	0.25	37.4	9.35	780	83
BB22TM-BLUE-01	470	n/a	0.25	33.0	8.25	220	27

Options and Packaging

90CRI minimum versions on special order, subtract 14% lumens

Sold in groups of (18) unit(s) and packaged in ESD bags with SKU and lot information.

Warranty

5-Year limited warranty in accordance with published warranty conditions. Product must be used with compatible components (modules, drivers, engines and/or accessories) and no maximum ratings (such as Ts) shall be exceeded during any operating conditions of the system. If product is used with other manufacturer's product, compatibility must be recognized in writing by Forflux.

Forflux owns the following United States patents of which may be applicable to the design or manufacture of this product: 6712486, 6578986, 6846093, 7114831, 7306353, 7102172, 7108396, 7329024, 7387406, 7582911, 7649327, 8926145, 8729810. Additional granted patents, patents pending, and other IP protection rights may apply.