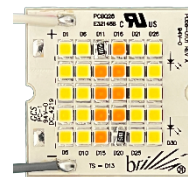


Dim-to-Warm High Density Module For Point Source Applications

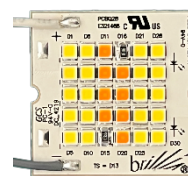
Features and Benefits

- Dim-to-Warm LED module replicates incandescent dimming
- 800 lumens (350mA) or 2330 lumens (1050mA)
- 1.38" square module replaces COB with lower cost, higher efficacy, lower LED junction temperature and longer life
- Ideal for point source luminaires: pendants, sconces, bowl chandeliers, close-to-ceiling and high end architectural
- Patented thermal design uses aluminum core printed circuit board for thermal transfer and simple installation
- Pre-wired pigtailed are mechanically robust and reduce labor
- Latest generation LED for high efficacy and color consistency
- Includes mounting notches for mechanical attachment

350mA



1050mA



Forzlux Compatible LED Drivers

PS6-350C-DUALDIM-UNV-PP, 350mA, 800 lumens, triac/ELV, 0-10V dimming

PS18-1050C-DUALDIM-UNV-P, 1050mA, 2330 lumens, triac/ELV, 0-10V dimming

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	18 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

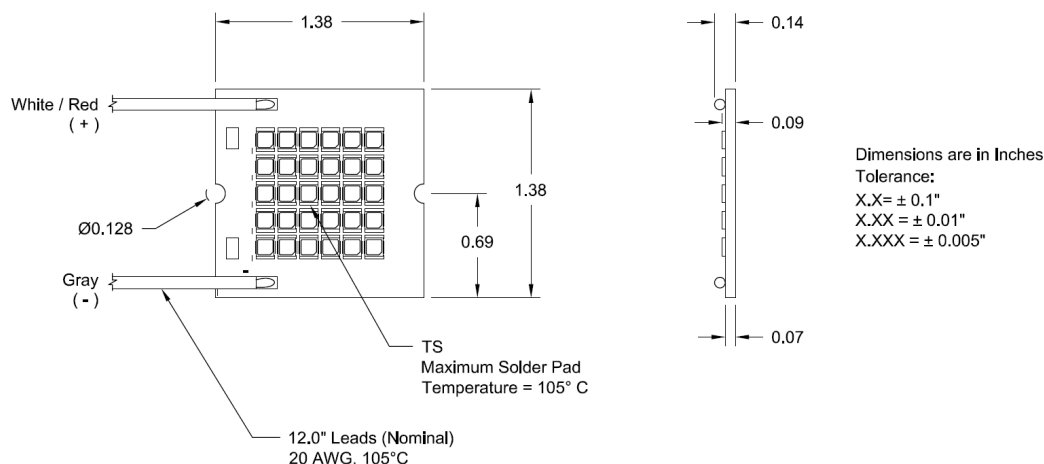


Table 1, Performance Characteristics at 25°C

Data from laboratory test measurements, actual results may vary.

Part Number	Nominal Current (mADC)	Typical Dimmer Setting	Nominal CCT (Kelvin)	Min CRI	Typical Light Output (Lumens)	Nominal Volts (VDC)	Typical Power (WDC)
BB28VK-DTW-30-20-3V-350MA	350	100%	3070	90	800	14.2	4.95
	54	15%	2000	80	68	12.4	0.67
BB28VK-DTW-30-20-3V-1050MA	1050	100%	3070	90	2330	15.5	16.28
	160	15%	2000	80	196	12.4	1.98

Options available

Other CCT and CRI available on special order.

Turtle friendly non-PC amber FWC compliant (Dim-to-warm not applicable).

Packaging

Product is marked with SKU and lot information on non-LED side of module.

Sold in groups of (48) 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 Forlux.

Forlux 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.