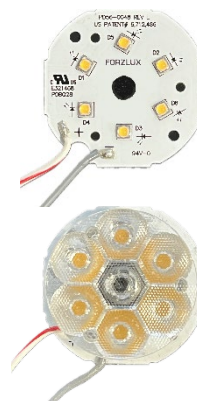


Small Round Format High Output Module For Point Source Applications

Features and Benefits

- 1.74" diameter module for applications such as landscape, pathway, step, and pendants where a directed beam is required
- Accepts off-the-shelf Ledil "TAMPA" optic
- **TFA (Turtle Friendly Amber)** version is AlInGaP LED with narrow wavelength, Florida Wildlife Commission (FWC) compliant
- Pre-wired 6" pigtailed are mechanically robust and reduce labor
- (2) #4 Screw mounting holes for TRUSS HEAD screws only
- Protective conformal (transparent) coating for exterior applications
- Compatible with Forzlux drivers:
 - PS11 Series low voltage 12VAC landscape
 - PS3-350C Series 120VAC ELV/triac dimmable
 - PS6-350C Series 120-277VAC, ELV/triac, 0-10V dimmable
 - PS18-1050C Series 120-277VAC, ELV/triac, 0-10V dimmable



Shown with TAMPA optic

BB06SB SERIES

Compatible LED Drivers

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

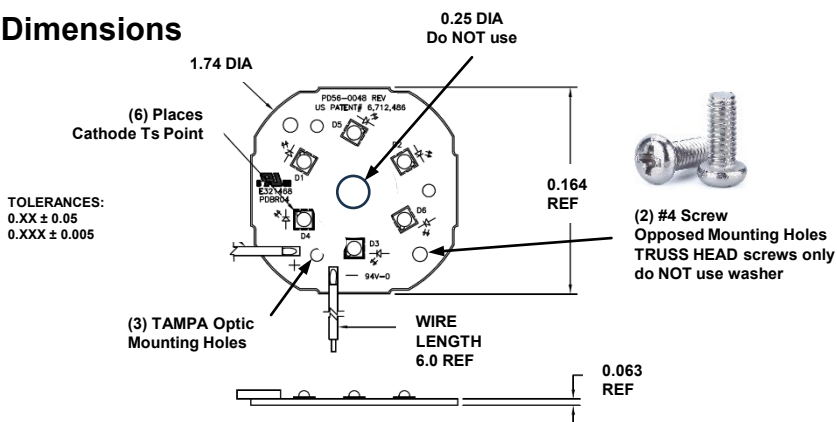
Ratings and Performance Specifications

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	12 grams
Safety/Compliance UL Class 2 Recognized Component	E321468

Application Notes

1. TRUSS head or similar screw only. 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



6" nominal length leads, white/red (+), gray (-), 20AWG, strip ends 0.063"
Entire top of module conformal coated with Humiseal 1B31 or equivalent.

Table 1, Performance Characteristics at 25°C

Data from laboratory test measurements, actual results may vary.

Part Number	Typical	Min	Max	Typical	Typical	Typical	Efficacy
	CCT/DWL (Kelvin/nm)		Current (ADC)				
BB06SB-18-70-01	1800	70	1.05	8.7	9.1	982	108
BB06SB-20-70-01	2000	70	1.05	8.7	9.1	1053	115
BB06SB-22-80-01	2200	80	1.05	8.7	9.1	1061	116
BB06SB-25-80-01	2500	80	1.05	8.7	9.1	1100	120
BB06SB-27-80-01	2700	80	1.05	8.7	9.1	1218	133
BB06SB-30-80-01	3000	80	1.05	8.7	9.1	1237	135
BB06SB-35-80-01	3500	80	1.05	8.7	9.1	1245	136
BB06SB-40-80-01	4000	80	1.05	8.7	9.1	1277	140
BB06SB-50-80-01	5000	80	1.05	8.7	9.1	1336	146
BB06SB-65-80-01	6500	80	1.05	8.7	9.1	1277	140
BB06SB-TFA-01	595	n/a	1.05	7.2	7.6	650	86
BB06SB-RED-01	622	n/a	1.05	7.2	7.6	641	85
BB06SB-GREEN-01	527	n/a	1.05	10.5	11.0	980	89
BB06SB-BLUE-01	470	n/a	1.05	9.2	9.7	320	33

Options and Packaging

90CRI minimum versions on special order, 83% of 80CRI lumens.

Sold in groups of (35) 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.