

Mid Power LED Light Engine Module

CIRCLE

AB1529 - LG 6030

FEATURES

Design Flexibility

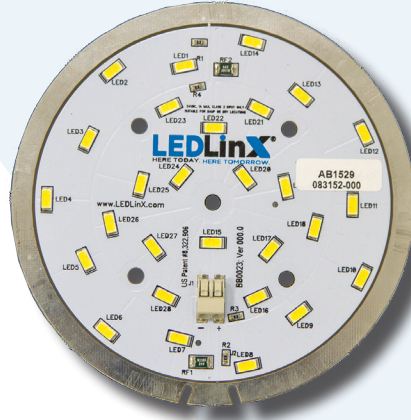
- Easily interchangeable; replace single module instead of entire panel or fixture.
- Full interconnectivity with all LEDLinX products whether the same or different geometries.
- High-reliability LED sources.
- Efficient thermal design:
 - Strategically placed LEDs
 - FR4 board with plated vias
 - Full 2 oz. copper board
- CRI 80

Ease of Manufacturing

- Fixed form factor ensures that your products are not forced into obsolescence.
- Convenient and multiple mounting points allow for a variety of mounting options within a luminaire.
- Solder-free, press-fit connectors are durable, reliable and resistant to vibration and temperature fluctuations - available separately.
- Continuous perimeter connectivity allows connection from anywhere on the luminaire.
- Convenient stab-in connectors provided.

Reliability

- Ten (10) year limited warranty
- L70 > 100,000
- Approvals – ETL Recognized Component
- Complies with to UL 8750
- Suitable for DLC & Energy Star listed luminaires
- RoHS Compliant



Mid Power Circle
AB1054 - LG 6030
 7W - 20W per module

APPLICATIONS

- Recessed or surface mount cans & spot lighting.
- Replaces up to 32W CFL, 150W incandescent PAR 38 or a 120W halogen PAR 38.
- Acorn fixtures.

Note: All specifications are subject to change without notice.

PRODUCT CHARACTERISTICS

Parameters		Attributes
PCB		FR4
Finish		White
Size	Single Module	4.7" diameter
	Thickness	PCB = .0615" (1.56 mm) Total = 0.24 (6.10 mm)
Source Type		LG 6030
LEDs per Module		28
Mounting Holes		5
Connector	On Board	WAGO 2060
	Perimeter	LEDLinX® proprietary
Typical CCT		4000K
Typical CRI		80
Tp Maximum Temperature		90°C
Binning: Target CCT's per ANSI #C78.377-2008		

ELECTRICAL CHARACTERISTICS

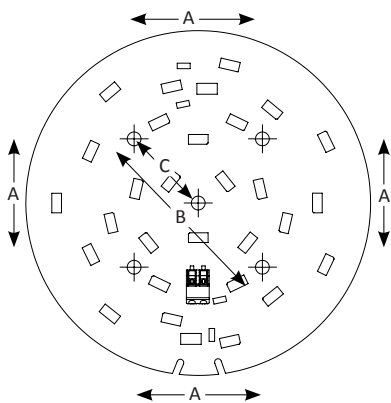
One (1) Module Constant Current Driver			
Current	Lumens(Lm)	Input watts(W)	Efficacy(Lm/W)
350mA	915	7.06	129.5
550mA	1372	11.5	119.4
700mA	1690	14.98	112.8
900mA	2097	19.84	105.7

ENVIRONMENTAL CHARACTERISTICS

Parameter	Min	Max
Storage Temperature (°C)	-40°C	135°C
Tp Temperature (°C)	-40°C	90°C

Note: All specifications are subject to change without notice.

DIMENSIONS

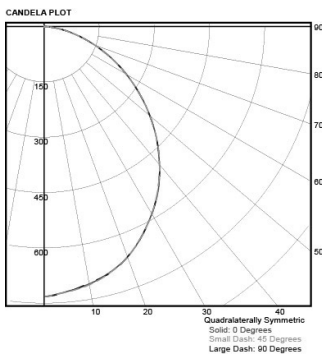


		EXTERNAL DIMENSION		
Size	Single Module	4.7" diameter		
	Thickness	PCB = .0615" (1.56 mm) Total = 0.24 (6.10 mm)		
			MOUNTING DIMENSIONS	
	A	1.75" (44.45 mm)		
	B	2.44" (61.98 mm)		
C	1.38" (35.05 mm)			

PHOTOMETRIC INFORMATION

- Available options:
 - None
- Photometric files available on request.

Single Card - No Optics

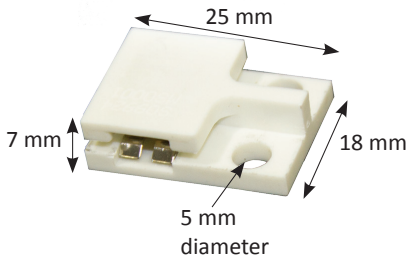


ORDERING GUIDE

C	-	M	-	04	-	28	-	-	-
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Shape	Power	Size Code	Number of LEDs	Color Temperature	Tile Layout
C = Circle	M = Mid Power	04 = 4.7" diameter	28 = 28 LEDs per Module	5200 = 5200K 4000 = 4000K 3500 = 3500K 3000 = 3000K	011 = 1x1 Module 023 = 2x3 Tile

LEDLinX CONNECTOR



ConneX-1

The LEDLinX® proprietary connector attaches any board geometry to another board of any configuration without wires. It makes assembly quick and easy and allows individual LED board replacement if ever required.