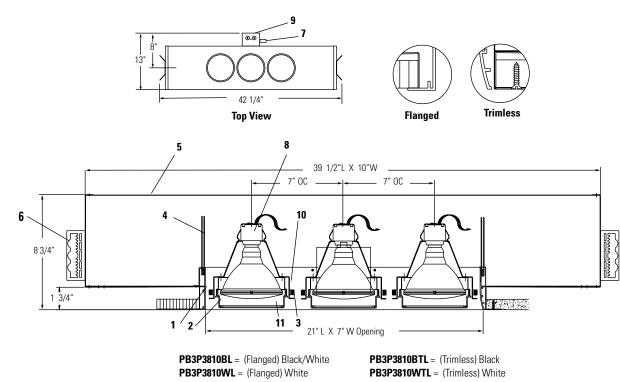


Calculite® ProSpec® Linear Downlight **PB3P3810**

Page 1 of 2

3 Light PAR38 Series B



Ceiling Cutout: 22 1/16" L x 8 3/16" W

Ordering Information: PAR38 Series B

Cat. No.	Lamp	Ceiling Trim	Aperture Finish		
PB3P3810BL	(2) 100W PAR38	Overlap	Black with White Flange		
PB3P3810WL	(2) 100W PAR38	Overlap	White with White Flange		
PB3P3810BTL	(2) 100W PAR38	Trimless	Black		
PB3P3810WTL	(2) 100W PAR38	Trimless	White		

Features

- Aperture Frame: Provides clean support for lamp holders and overlapping flange or trimless installation. Extruded aluminum. Rigidly welded together on all corners.
- Media Cartridge: Allows convenient loading and removal of one accessory. Easily installed and removed for lamping with a simple twisting motion. Constructed of die formed aluminum.
- Adjustable Ring: Allows 360° horizontal and 30°, max. 45° (on length); 40° (on width) vertical adjustment.
- 4. Tortiontite Spring: For easy installation of aperture frame.
- 5. Housing: Die formed 22 ga. steel. Finish: Black
- 6. Mounting Brackets: Adjustable vertically from outside of housing.
- 7. Thermal Protector: Meets NEC, UL, and CSA requirements.
- Lampholder: Porcelain medium based; nickel plated screw shell. Prewired with #18 SF-1 leads to junction box.
- 9. Junction Box: 14 ga. steel, 4" x 3 1/2" x 2" box. Allows inspection from below.
- **10. Lamp and Accessory Support:** .032" steel, flared for easy entry of Media Cartridge.
- 11. Lens Retaining Ring: .093" spring steel rod. Holds accessories in place.

Electrical

UL/cUL listed for through branch circuit wiring with maximum of (8) no. 12 AWG, 90°C.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 4 3/4" dia. series, filters, lenses, screens, and louvers (1) max.

Type:

Label

UL/cUL (Suitable for Damp Location), I.B.E.W.

US Patent Pending.

Job Information
Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte Thomas Company www.lightolier.com 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710 We reserve the right to change details of design, materials and finish. © 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

Calculite[®] ProSpec[®] Linear Downlight **PB3P3810**

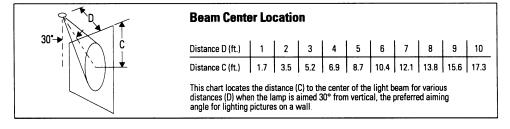
Page 2 of 2

3 Light PAR38 Series B

Lighting Performance Data

	Narrow				· · · · · · · · · · · · · · · · · · ·
	45W PAR38 NSP (T-H) 45W PAR3	SP (T-H) 75W	PAR38 SP	90W PAR38 NSP	(T-H) 90W PAR38 SP (T-F
0' U 2' V 3 S S S S S S S S S S S S S S S S S S S			144	528	
BEAM SPREAD (To 50% Max. CP)	6° 14	•	12°	7°	12°
MAX. CANDLEPOWER (Candelas)	8,500 4,7	0	5,200	19,000	12,000
RATED LIFE (Hours)	2,000 2,0		2,000	2,000	2,000
0° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.7' 1.7' 2.1' 2.1' 2.5' 2.5' L W 5 1.4' 9 2.0' 2 2.5' 3 2.5' 3 2.5' 3 3.1' 2 2.5' 2 2.5' 3 3.1' 2 3.5' 2 2.5' 2 2.5' 3 3.1' 4 W 3 1.7' 0.8' 1.3' 1 3.5'	D FC L 10' 190 1.2' 15' 84 1.8' 20' 47 2.4' 25' 30 3.1' D FC L 8' 193 1.3' 12' 86 2.0' 16' 48 2.6' 20' 31 3.3' D FC L 4' 148 2.0' 6' 66 3.0' 8' 37 4.0'	W D FC L Y 1.2' 8' 188 1.7' 1 1.8' 12' 83 2.5' 2 2.4' 16' 47 3.4' 3 3.1' 20' 30 4.2' 4 W D FC L V 1.1' 7' 159 2.0' 1 1.7' 10' 78 2.8' 2 2.3' 13' 46 3.7' 3 2.8' 16' 30 4.5' 3 W D FC L V W D FC L 1.3' 1.5' 4' 94 3.5' 1 2.0' 5' 60 4.3' 2 4.4' 5' 60 4.3' 2
Vertical Plane		5.1' 2.5' 5' 2	5 4.3' 2.1'	10' 24 4.9'	2.4' 6' 42 5.2' 2
	Medium 45W PAR38 FL (T-H) 75W PA	838 FI 90W P	AR38 FL (T-H)	T	
FOOTCANDLES (On Beam Center At 6')					
BEAM SPREAD (To 50% Max. CP)	28° 30	•	30°		
MAX. CANDLEPOWER (Candelas)	1,700 1,8	60	4,000		
RATED LIFE (Hours)	2,000 2,0		2,000	-	
0° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING	5 68 2.5' 2.5' 6' 52 7 35 3.5' 3.5' 8' 29 9' 21 4.5' 4.5' 10' 19 0 FC L W D FC 3' 123 2.0' 1.7' 5' 134 5' 44 3.4' 2.9' 7' 48 7' 23 4.8' 4.0' 9' 25'	L W D FC 2.1' 2.1' 6' 11 3.2' 3.2' 8' 6 4.3' 4.3' 10' 4 5.4' 5.4' 12' 2 L W D FC 2.2' 1.9' 5' 10 3.7' 3.1' 7' 5 5.1' 4.3' 9' 3 6.6' 5.6' 11' 2 L W D FC	1 3.2' 3.2' 3 4.3' 4.3' 0 5.4' 5.4' 8 6.4' 6.4' L W 4 3.7' 3.1' 3 5.1' 4.3' 2 6.6' 5.6' 1 8.1' 6.8'		

Data are based on bare lamp photometrics. FC is initial footcandles at center of beam. L and W are to the point that the candlepower drops 50% of maximum.



Job Information

Type:

Lightolier a Genlyte Thomas Company www.lightolier.com 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710 We reserve the right to change details of design, materials and finish. © 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902