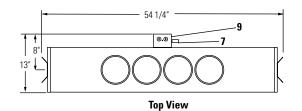


## Calculite® ProSpec® Linear Downlight **PB4P3810**

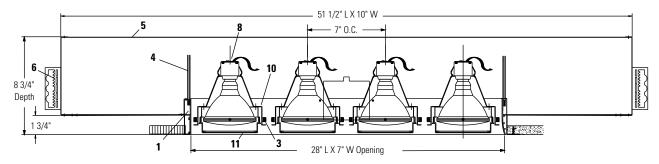
Page 1 of 2

4 Light PAR38 Series B









**PB4P3810BL** = (Flanged) Black/White **PB4P3810WL** = (Flanged) White

**PB4P3810BTL** = (Trimless) Black **PB4P3810WTL** = (Trimless) White

#### Ceiling Cutoff: 29 1/16"L X 8 3/16"W

Ordering Information: PAR38 Series B

<b>.</b>			
Cat. No.	Lamp	Ceiling Trim	Aperture Finish
PB4P3810BL	(4) 100W PAR38	Overlap	Black with White Flange
PB4P3810WL	(4) 100W PAR38	Overlap	White with White Flange
PB4P3810BTL	(4) 100W PAR38	Trimless	Black
PB4P3810WTL	(4) 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 up to one accessory. Easily installed and removed for lamping with a simple twisting motion. Constructed of die-formed aluminum.
- Adjustable Ring: Allows 360° horizontal and 35°, 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 inside or outside of housing.
- 7. Thermal Protector: Meets NEC and UL requirements.
- Lampholder: Porcelain medium based; nickel plated screw shell. Prewired with #18 SF-1 leads to junction box.
- Junction Box: 14 ga. steel, 4" x 3-1/2" x 2" box. Allows inspection from below.
- 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 listed for through branch circuit wiring with maximum of (8) no. 12 AWG,  $90^{\circ}\text{C}.$ 

#### Finish

All painted finishes are powder coated baked enamel.

#### **Options and Accessories**

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

#### Label

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

#### **US Patent Pending.**

Job Information	Туре:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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# Calculite® ProSpec® Linear Downlight PB4P3810

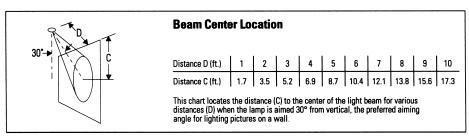
4 Light PAR38 Series B Page 2 of 2

### **Lighting Performance Data**

	N	arr	0W																	
	45W PAR38 NSP (T-H)					45W PAR38 SP (T-H)			7	5W P	AR38 S	SP S	90W PAR38 NSP (T-H)				90W PAR38 SP (T-H)			
0' 1' 3' 2' 3' 1' 5' 6' 5' 6' 6' 6' 1' 6' 6' 6' 6' 6' 6' 6' 6' 6' 6' 6' 6' 6'		2	36			1	31				44			5	28			3	33	
3EAM SPREAD (To 50% Max. CP)		6°				14°				1	2°		7°				12°			
MAX. CANDLEPOWER (Candelas)	8,500			4,700				5,	200		19,000				12,000					
RATED LIFE (Hours)		2,000			2,000				2,	000		2,000				2,000				
D° AIMING 1	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
ANGLE Illumination on Horizontal Plane	7' 10' 13' 16'	173 85 50 33	0.7' 1.0' 1.4' 1.7'		6' 8' 10' 12'	131 73 47 33	1.5' 2.0' 2.5' 2.9'	2.9'	6' 8' 10' 12'	144 81 52 36	1.3' 1.7' 2.1' 2.5'	1.7' 2.1' 2.5'	10' 15' 20' 25'	190 84 47 30	1.2' 1.8' 2.4' 3.1'	1.2' 1.8' 2.4' 3.1'		188 83 47 30	1.7' 2.5' 3.4' 4.2'	1.7' 2.5' 3.4' 4.2'
30° AIMING 30° A	D	FC	L	W	٥	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
ANGLE W FC	6, 6,	153 68	0.8' 1.3'	0.7' 1.1'	5' 7'	122 62	1.6' 2.3'	1.4' 2.0'	5' 7'	135 69	1.4' 2.0'		12'	193 86	1.3' 2.0'	1.1' 1.7'	1	159 78	2.0' 2.8'	1.7' 2.4'
Illumination on Horizontal Plane	12' 15'	38 25	1.7' 2.1'	1.5' 1.8'	9' 11'	38 25	3.0' 3.6'	2.6' 3.1'	9' 11'	42 28	2.5' 3.1'		16' 20'	48	2.6' 3.3'	2.3' 2.8'		46 30	3.7' 4.5'	3.2' 3.9'
30° AIMING	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	w
ANGLE 100 100 100 100 100 100 100 100 100 10	3'	266 118	0.8' 1.3'	0.4' 0.6'	2' 3'	147 65	2.1' 3.1'	1.0' 1.5'	3,	163 72	1.7' 2.6'	0.8' 1.3'	4' 6'	148 66	2.0° 3.0°	1.0' 1.5'	3' 4'	167 94	2.6' 3.5'	1.3' 1.7'
Vertical Plane	4' 5'	66 43	1.7' 2.1'	0.8' 1.0'	4' 5'	37 24	4.1' 5.1	2.0' 2.5'	4' 5'	41 26	3.5' 4.3'	1.7' 2.1'	8' 10'	37 24	4.0' 4.9'	2.0' 2.4'	5' 6'	60 42	4.3' 5.2'	2.1' 2.5'

	N	led	ium										
	45V	V PAR	38 FL (	T-H)	7	5W P	AR38 F	1	90W PAR38 FL (T-H)				
0' 30' 1' 30' 2' 5' 5' FOOTCANDLES (On Beam Center At 6') ►			17				52		111				
BEAM SPREAD (To 50% Max. CP)		2	8°			3	0°		30°				
MAX. CANDLEPOWER (Candelas)		1,	700			1,	860		4,000				
RATED LIFE (Hours)		2,000				2,	000		2,000				
O° AIMING A T	Ы	FC	L	W	D	FC	L	W	D	FC	L	W	
ANGLE Illumination on Horizontal Plane	3' 5' 7' 9'	189 68 35 21	1.5' 2.5' 3.5' 4.5'	1.5' 2.5' 3.5' 4.5'	4 6 8 10	116 52 29 19	2.1' 3.2' 4.3' 5.4'	2.1' 3.2' 4.3' 5.4'	6' 8' 10' 12'	111 63 40 28	3.2' 4.3' 5.4' 6.4'	3.2' 4.3' 5.4' 6.4'	
30° AIMING	П	FC	L	W	Б	FC	L	W	D	FC	L	W	
ANGLE Illumination on Horizontal Plane	3' 5' 7' 9'	123 44 23 14	2.0' 3.4' 4.8' 6.1'	1.7' 2.9' 4.0' 5.2'	5' 7' 9' 11'	134 48 25 15	2.2' 3.7' 5.1' 6.6'	1.9' 3.1' 4.3' 5.6'	5' 7' 9' 11'	104 53 32 21	3.7' 5.1' 6.6' 8.1'	3.1' 4.3' 5.6' 6.8'	
30° AIMING	D	FC	L	W	D	FC	L	W	D	FC	L	W	
ANGLE Illumination on Vertical Plane	1' 2' 3' 4'	213 53 24 13	2.5' 4.9' 7.4' 9.8'	1.0' 2.0' 3.0' 4.0'	1' 2' 3' 4'	233 58 26 15	2.7' 5.5' 8.2' 10.9'	1.1' 2.1' 3.2' 4.3'	2' 3' 4' 5'	125 56 31 20	5.5' 8.2' 10.9' 13.7'	2.1' 3.2' 4.3' 5.4'	

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



## **Job Information**

Type:

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