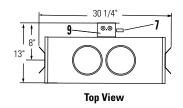
Page 1 of 2 2 Light PAR38 Series B

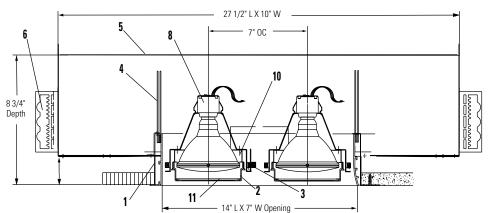




Flanged



Trimless



PB2P3810BL = (Flanged) Black/White PB2P3810WL = (Flanged) White

PB2P3810BTL = (Trimless) Black PB2P3810WTL = (Trimless) White

Ceiling Cutout: 15 1/16" L X 8 3/16" W

Ordering Information: PAR 38 Series B

Cat. No.	Lamp	Ceiling Trim	Aperture Finish	
PB2P3810BL	(2) 100W PAR38	Overlap	Black with White Flange	
PB2P3810WL	(2) 100W PAR38	Overlap	White with White Flange	
PB2P3810BTL	(2) 100W PAR38	Trimless	Black	
PB2P3810WTL	(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.
- 8. 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
- 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.

Labels

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

US Patent Pending.

tion Type:	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 PB2P3810

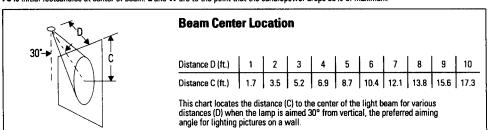
Page 2 of 2 2 Light PAR38 Series B

Lighting Performance Data

	N	arr	0W																		
	45W	45W PAR38 NSP (T-H)				/ PAR	38 SP (T-H)	7	5W P/	AR38 S	\$P	90W PAR38 NSP (T-H)					90W PAR38 SP (T-H)			
0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					131						44		528				333				
BEAM SPREAD (To 50% Max. CP)	T	6°				1	4°		12°					7°				12°			
MAX. CANDLEPOWER (Candelas)	1	8.500			4,700						200		19,000				12,000				
RATED LIFE (Hours)		2,000			2,000			2,000					2,000				2,000				
O° AIMING	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	Б	FÇ	l_	W	
ANGLE 4	7' 10'	173 85	0.7' 1.0'	0.7' 1.0'	8' 6'	131 73	1.5' 2.0'	1.5' 2.0'	8, 6,	144 81	1.3' 1.7'	1.3° 1.7	10' 15'	190 84	1.2' 1.8'	1.2°	8' 12'	188 83	1.7' 2.5'	1.7' 2.5'	
Illumination on	13	50	1.4	1.4	10'	47	2.5'	2.5'	10'	52	2.1		20'	47	2.4	2.4	16'	47	3.4	3.4	
Horizontal Plane / W ->	16'	33	1.7'	1.7	12'	33	2.9'	2.9'	12'	36	2.5'		25'	30	3.1'		20,	30	4.2'	4.21	
30° AIMING — 3° A	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	
ANGLE 1	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'	1.2° 1.7°	12'	193 86	1.3' 2.0'	1.1' 1.7'	7° 10'	159 78	2.0' 2.8'	1.7 2.4	
Illumination on	12'	38	1.7	1.5	9.	38	3.0'	2.6	9.	42	2.5		16	48	2.6		13'	46	3.7	3.2	
Horizontal Plane	15'	25	2.1'	1.8'	11'	25	3.6'		11'	28	3.11	2.7'	20'	31	3.3	2.8'	16'	30	4.5'	3.9	
30° AIMING	D	FC	L	W	D	£	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	w	
ANGLE 30°	2'	266	0.8'	0.4	2'	147	2.1'	1.0'	2'	163	1.7'	0.8'	4'	148	2.0'	1.0'	3,	167	2.6'	1.3'	
Illumination on	3'	118 66	1.3' 1.7'	0.6° 0.8°	3'	65	3.1' 4.1'	1.5' 2.0'	3'	72 41	2.6' 3.5'	1.3' 1.7'	8'	66 37	3.0° 4.0°	1.5' 2.0'	4' 5'	94 60	3.5° 4.3°	1.7' 2.1'	
Vertical Plane	5'	43	2.1	1.0'	5,	24	5.1	2.5	5,	26	4.3'	2.1	10,	24	4.9	2.4	6,	42	5.2	2.5'	
	1 1 2 2 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2																				

## ANGLE Sow Paras FL (T-H)		Medium												
FOOTCANDLES (On Beam Center At 6')		45\	V PAR	38 FL (T-H)	7	5W P.	AR38 F	1	90W PAR38 FL (T-H)				
BEAM SPREAD (To 50% Max. CP) MAX. CANDLEPOWER (Candelas) 1,700 1,860 4,000 RATED LIFE (Hours) 2,000 2,000 2,000 2,000 2,000 2,000 0° AIMING ANGLE Illumination on Horizontal Plane 30° AIMING 31° 189 1.5' 1.5' 4' 116 2.1' 2.1' 6' 111 3.2' 3.2' 5' 68 2.5' 2.5' 6' 52 3.2' 3.2' 8' 63 4.3' 4.3' 10' 40 5.4' 5.4' 12' 2.8 6.4' 6.4' 3.0' 3' 123 2.0' 1.7' 5' 134 2.2' 1.9' 5' 104 3.7' 3.1' 7' 53 5.1' 4.3' 11 11 11 11 11 11 11 11 11 11 11 11 11	1. DISTANCE 5.													
MAX. CANDLEPOWER (Candelas) 1,700 1,860 4,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 3' 189 1,5' 1,5' 4' 116 2,1' 2,1' 6' 111 3,2' 3,2' 3,2' 6' 68 2,5' 2,5' 6' 52 3,2' 3,2' 8' 68 4,3' 4,3' 10' 40 5,4' 5,4' 10' 19 5,4' 5,4' 12' 28 6,4' 6,4' 30' 3' 189 1,5' 1,5' 1,5' 1,5' 1,5' 1,5' 1,5' 1,5'	FUUTCANDLES (Un Beam Center At 6')	<u> </u>		1/			:	Σ			1	11		
RATED LIFE (Hours) 2,000 2,0	BEAM SPREAD (To 50% Max. CP)		2	8°			3	0°				30°		
ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane	MAX. CANDLEPOWER (Candelas)		1,	700			1,	860		4,000				
ANGLE Illumination on Horizontal Plane 30° AIMING ANGLE Illumination on Horizontal Plane	RATED LIFE (Hours)		2,	000			2,	000		2,000				
ANGLE Illumination on	o° AIMING ↑ ↑		FC	L	W	_	FC	L		·	FC	L		
ANGLE 3 123 2.0 1.7 5 134 2.2 1.9 5 104 3.7 3.1	ANGLE Illumination on Horizontal Plane	5' 7'	68 35	2.5' 3.5'	2.5' 3.5'	6 8	52 29	3.2' 4.3'	3.2' 4.3'	8' 10'	63 40	4.3' 5.4'	4.3' 5.4'	
ANGLE Illumination on Horizontal Plane 3 123 2.0' 1.7' 5' 134 2.2' 1.9' 5' 104 3.7' 3.1' 4.3 4.3 4.2 7' 48 3.7' 3.1' 7' 53 5.1' 4.3' 7 23 4.8' 4.0' 9' 25 5.1' 4.3 9' 32 6.6' 5.6' 8 14 6.1' 5.2' 11' 15 6.6' 5.6' 11' 21 8.1' 6.8' 30° AIMING 1 218 25' 1.0' 1' 233 2.7' 1.1' 2' 125 5.5' 2.1' 2 53 4.9 2.0' 2' 58 5.5' 2.1' 3' 56 8.2' 3.2' 1 218 3.1' 3.1' 3.1' 3.1' 3.1' 3.1' 30° AIMING 1 218 25' 1.0' 1' 233 2.7' 1.1' 2' 125 5.5' 2.1' 2 53 4.9 2.0' 2' 58 5.5' 2.1' 3' 56 8.2' 3.2' 3 24 7.4' 3.0' 3' 26 8.2' 3.2' 4' 31 10.9' 4.3'	30° AIMING 30° A		FC	L			FC	L		_	FC	L		
Second Continuation on C	ANGIE A													
30° AIMING ANGLE 1 D FC L W D	Illumination on					٠.								
ANGLE 1 21 3 2.5 1.0 1 23 2.7 1.1 2 125 5.5 2.1 2 5 5 3 4.9 2.0 2 5 8 5.5 2.1 3 5 6 8.2 3.2 3 2 7 4 3 1 10.9 4.3 1 10.9	Horizontal Plane / L -	9'	14	6.1'	5.2'	11'	15	6.6'	5.6'	11'	21	8.1'	6.8'	
ANGLE 2' 53 4.9' 2.0' 2' 58 5.5' 2.1' 3' 56 8.2' 3.2'	30° AIMING			L		_	_	L		_	<u> </u>	L		
2 33 4.9 2.0 2 38 5.5 2.1 3 36 6.2 3.2 Illumination on 3 24 7.4 3.0 3 26 8.2 3.2 4 31 10.9 4.3	ANGLE 30° 1									_				
13 24 7.4 3.0 3 20 6.2 3.2 4 31 10.5 4.5	1									ı -				
						- 1								

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:

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