Flood Lights
Optic | Extra-Wide | Extreme

American Lighting

PROJECT INFORMATION

JOB NAME	
FIXTURE TYPE	Flood Light
CATALOG NUMBER	
APPROVED BY	

SPECIFICATIONS

Construction:
Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life. Apertures for field or factory installed photocontrol. Heavy duty knuckle with 90° adjustment standard. Heavy duty trunnion mount also available.

Optics:
Atlas optic flood lights utilize individual lenses for maximum light intensity. These lenses are made of optical grade acrylic. This guarantees more footcandles, less glare and less wasted light.

Extra Wide Distribution Pattern:
Designed to provide maximum light spread for short set backs when lighting signs and washing walls.

Reduced Glare:
Positioning of the LED modules within the housing result in light directed to desired locations and reduces offensive light.

Thermal Management:
Atlas Flood Lights are designed as a complete system to optimize LED life and light output. The Patent Pending thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and components. The lower temperatures result in long LED life (200,000+ hrs[1]) and component life and also allows for higher light output.

Listings:
Luminaire is certified to UL/cUL Standards for Wet Locations
DesignLights Consortium qualified luminaire, eligible for rebates from DLC member utilities. [2]*See chart on other last page for qualifying products.*

AC Input: 120/208/240/277V

Driver:
Constant current, Class 2, 120-277 VAC, 50-60 Hz
High Efficiency – min. 84%
Off-State Power: 0 Watts
0-10 V Dimming

LEDs:
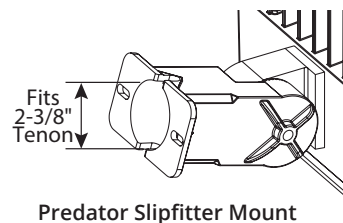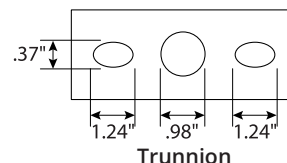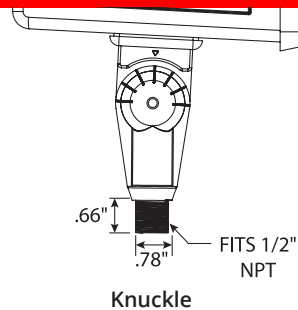3000K | 4000K | 4500K | 5000K CCT

Testing:
Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80.

Warranty: Five-year limited warranty

Photo Control: For factory installed 120V button photo control add suffix PC to part number.

MANUFACTURED & TESTED IN USA | DLC LISTED PREMIUM [2] | c UL US LISTED | 5 YEAR WARRANTY

MOUNTING DETAIL

.66"
.78"
FITS 1/2" NPT
Knuckle

.37"
1.24" .98" 1.24"
Trunnion

Fits 2-3/8" Tenon
Predator Slipfitter Mount

MOUNTING

Heavy Duty Knuckle, Trunnion or Predator Slipfitter Mount

PFS/PFM Only

PFL2G/PFXL2G Only

**Rebates and Incentives are available in many areas.
Contact an Atlas Representative for more information.**

[1]*LED Life Span Based Upon LM-70 Test Results*

Atlas Lighting Products, Inc.
PO Box 2348 | Burlington, NC 27216
800-849-8485 | www.atlasled.com

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ORDERING INFORMATION

PFS			22LED						
PRODUCT SERIES	**DISTRIBUTION**	**SELECTABLE**	**OUTPUT**	**COLOR TEMP.**	**CONTROLS**	**VOLTAGE**	**FIXTURE COLOR**	**MOUNTING**	**OPTIONS**
PFS - Small	Blank - Wide (with Optics)	blank = Fixed	22LED = 22 System Watts[1] 27LED = 27 System Watts[2]	Blank = 4500K	Blank = Dimming (0-10V)	Blank = 120-277	Blank = Bronze	Blank = Knuckle[5]	SP = Surge Protection*
PFM - Medium	XW - Extra Wide		43LED = 43 System Watts 64LED = 64 System Watts[1]	3K = 3000K 4K = 4000K 5K = 5000K	PC = 120V Photocontrol	4 = 347-480V*	WT = White*	T = Trunnion[5] [5]PFS, PFM only	*Not available on PFS
PFL2G - Large (2nd Generation)	H = Extreme High Wattage (with Optics)	blank = Fixed	20L = 20,000 Lumens 25L = 25,000 Lumens	3K = 3000K 4K = 4000K 45K = 4500K	PM = 120-277V Photocontrol PH = 480V Button	*Not available on PFS	BK = Black* *optional with adder	Blank = Trunnion[6]	
PFXL2G - Extra Large (2nd Generation)	XW - Extra Wide	blank = Fixed S = Selectable[3]	26-50L = 26,000 - 50,000 Lumens Selectable 33L = 33,000 Lumens 40L = 40,000 Lumens 50L = 50,000 Lumens	5K = 5000K blank = Selectable[4] 4000K, 4500K, 5000K	Photocontrol* PR = Photo Receptacle* *Not available on PFS, PFM			S = Predator Mount - Slipfitter/ Trunnion[6] [6]PFL2G, PFXL2G only	

[1]Wide/H only | [2]Extra-wide only | [3]PFXL2GH is Lumen Selectable only | [4]PFXL2GXW only

PERFORMANCE DATA

FULLY SELECTABLE

Unit	CRI	4000K CCT		4500K CCT		5000K CCT		Wattage	Replaces Up To
		Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)		
Extra Wide									
PFXL2GXWS26-50L	70	28,506	160	29,756	167	27,941	157	178	1000W MH
		42,003	151	43,845	158	41,170	148	278	
		52,133	143	54,419	156	51,099	140	365	

LUMEN SELECTABLE

Unit	CRI	3000K CCT		4000K CCT		4500K CCT		5000K CCT		Wattage	Replaces Up To
		Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)		
Optic											
PFXL2GHS26-50L	70	24,332	144	25,582	152	25,437	151	25,353	150	169	1000W MH
		36,518	141	38,394	148	38,176	148	38,051	147	259	
		47,818	133	50,275	139	49,989	138	49,825	138	361	

FIXED

Unit	CRI	3000K CCT		4000K CCT		4500K CCT		5000K CCT		Wattage	Replaces Up To
		Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	Efficacy (LPW)		
Optic											
PFS22	70	1,978	93	1,978	93	1,978	93	2,194	103	21	100W MH
PFM43	70	4,010	97	4,010	97	4,010	97	4,343	105	41	175W MH
PFL2GH20L	70	20,200	142	21,338	150	21,338	150	21,534	152	142	400W MH
PFL2GH25L	70	24,840	138	26,240	147	26,240	147	26,480	148	181	1000W MH
PFXL2GH33L	70	31,190	143	32,849	150	32,849	150	33,408	153	219	1000W MH
PFXL2GH40L	70	37,020	139	38,989	147	38,989	147	39,653	149	266	1000W MH
PFXL2GH50L	70	47,390	132	49,910	141	49,910	141	50,760	142	359	1000W MH
Extra Wide											
PFSXW27	80	3,132	114	3,132	114	3,132	114	3,261	118	28	100W MH
PFMXW43	80	5,025	116	5,025	116	5,025	116	5,229	121	43	175W MH
PFMXW64	80	6,983	114	6,983	114	6,983	114	7,237	118	64	250W MH
PFL2GXW20L	70	20,540	144	20,540	144	20,540	144	21,750	153	142	400W MH
PFL2GXW25L	70	25,040	139	25,040	139	25,040	139	25,040	139	180	1000W MH
PFXL2GXW33L	70	33,210	151	33,210	151	33,210	151	33,210	151	220	1000W MH
PFXL2GXW40L	70	39,430	148	39,430	148	39,430	148	39,430	148	267	1000W MH
PFXL2GXW50L	70	50,130	141	50,130	141	50,130	141	50,130	141	357	1000W MH

DIMENSIONS

PFS

Weight: 7 lbs.
EPA: 0.33

6.36"
4.68"
3.65"
5.36"
5.43"
9.35"

7.53"
knockout
3.43"
9.36"
9.29"
6.28"

PFM

Weight: 10 lbs.
EPA: 0.47

9.36"
7.48"
4.65"
6.50"
6.36"
10.35"
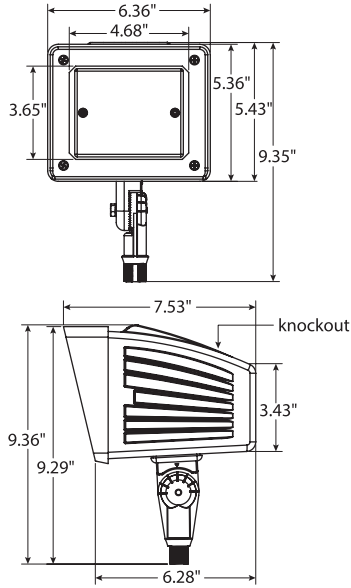
7.57"
knockout
4.43"
10.36"
10.22"
6.07"
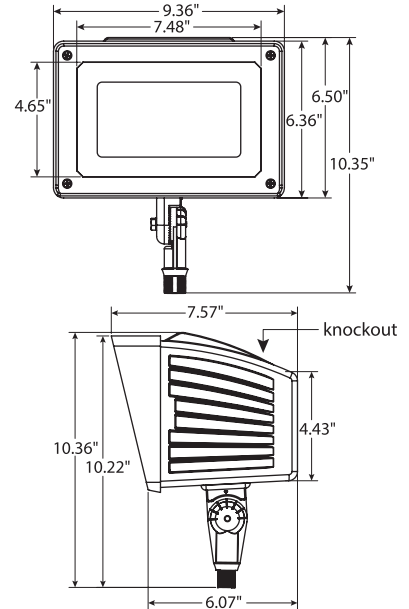
PFL2G

Weight: 26 lbs.
EPA: 1.00

12.00"
10.00"
7.00"
9.00"
14.50"
5.50"
12.25"

Trunnion

Weight: 27 lbs.

12.00"
10.00"
7.00"
9.00"
16.10"
12.25"
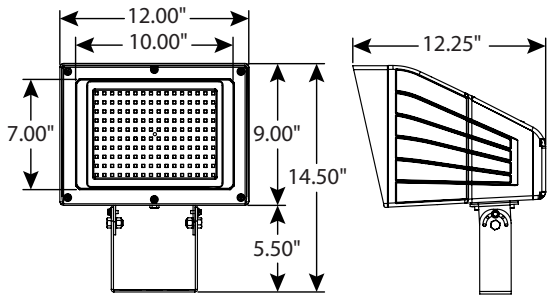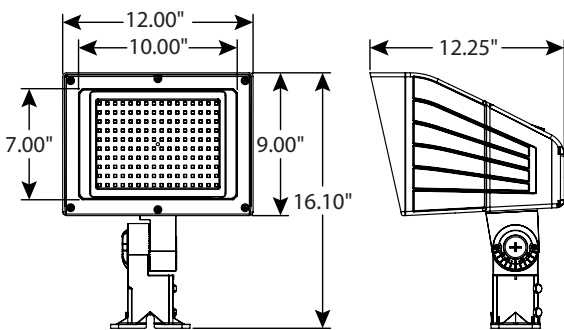
Predator Slipfitter Mount

PFXL2G

Weight: 44 lbs.
EPA: 1.29
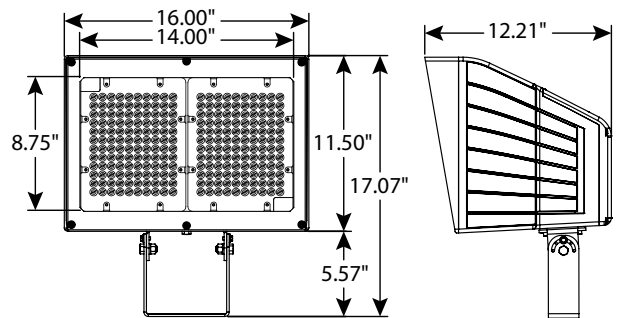
16.00"
14.00"
8.75"
11.50"
17.07"
5.57"
12.21"

Trunnion

Weight: 46 lbs.

16.00"
14.00"
8.75"
11.50"
18.84"
7.34"
12.21"

Predator Slipfitter Mount

American Lighting
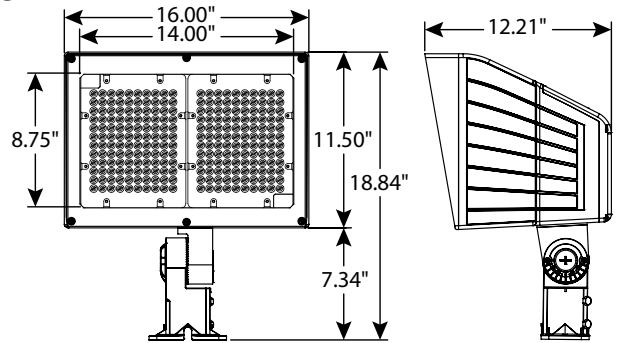
DLC PRODUCT INFORMATION

FIXED

Unit	3000K CCT		4000K CCT		4500K CCT		5000K CCT	
	DLC Product ID	Classification	DLC Product ID	Classification	DLC Product ID	Classification	DLC Product ID	Classification
Optic								
PFS22	n/a	n/a	PU6VKAK3	Standard	P0000053U	Standard	P550R0NT	Standard
PFM43	n/a	n/a	PU8IIKR4	Standard	P0000053V	Standard	PBE0VYUZ	Standard
PFL2GH20L	P9DPY9A8	Premium	PXLYAN2V	Premium	PXVX6GOY	Premium	PPMF1TG3	Premium
PFL2GH25L	PAOZ3UX6	Standard	P9D3MG0T	Standard	P7DB3PMC	Standard	P45HS3BQ	Standard
PFXL2GH33L	P21MYCMQ	Standard	PPHKNRV6	Standard	PHA1Z49A	Standard	P53FHFBV	Standard
PFXL2GH40L	P5FNN10Y	Standard	PL90OHII	Standard	PZ73ACRC	Standard	PEEKL7ES	Standard
PFXL2GH50L	PI5RM3HT	Standard	PTK83KDD	Standard	PJA8IFTB	Standard	PK9GAGSY	Standard
Extra Wide								
PFSXW27	PAYQD7J8	Standard	P94MDVVZ	Standard	P87AHLDJ	Standard	PT6Z0U5F	Premium
PFMXW43	P825UL5Y	Standard	PPGDXG1Y	Standard	P22PSA1E	Standard	PR4TUEWL	Premium
PFL2GXW20L	PJDFFSCH	Premium	PQ27J8OP	Premium	P8Y4OK29	Premium	PM79G31X	Premium
PFL2GXW25L	PWQYIBGY	Standard	P8L3DDB0	Standard	PKRX0DR9	Standard	PMARR9HA	Standard
PFXL2GXW33L	PUZUQSMG	Standard	PNOFAYZX	Standard	P72CGKXB	Standard	PYE73KJF	Standard
PFXL2GXW40L	PDRO14D5	Standard	PTQDRWWT	Standard	P0OOBNMM	Standard	PPYNOR9N	Standard
PFXL2GXW50L	PWQYIBGY	Standard	P8L3DDB0	Standard	PKRX0DR9	Standard	PMARR9HA	Standard

LUMEN SELECTABLE

Unit	3000K CCT		4000K CCT		4500K CCT		5000K CCT	
	DLC Product ID	Classification	DLC Product ID	Classification	DLC Product ID	Classification	DLC Product ID	Classification
Optic								
PFXL2GXW50L	*coming soon*		*coming soon*		*coming soon*		*coming soon*	

FULLY SELECTABLE

UNIT	DLC Product ID	Classification
Extra Wide		
PFXL2GXWS26-50L	S-N289T1	Premium