

PHILIPS



Site & Area,
Floodlighting

PowerForm



**Power and
savings** just the
way you like it



Customize your convenient solution



High output lighting **made for you**

With Philips Gardco PowerForm LED site & area and floodlight luminaires, high output lighting doesn't have to mean high energy and maintenance costs. PowerForm provides your outdoor area with bright, uniform illumination while slashing energy and maintenance costs compared to traditional lighting technologies.

Now you can instill a **sense of security and attract attention in any large area or floodlighting application** without the hassle of frequent relamping or high utility bills.



PowerForm site & area
4 module with
Standard Arm Mount (AR).



PowerForm floodlight
4 module with
Slipfitter Mount (SF).



Powerful function
in any form

PowerForm LED high output luminaires combine pole mounted area luminaires and floodlights in one family for a consistent aesthetic look across your outdoor site.

A wide variety of sizes, lumen outputs, modules, optics and other features offer increased flexibility without under- or over-lighting the space. PowerForm's application-specific optics, such as automotive front row and airport apron, ensure that light is directed exactly where it is needed to maximize efficiency and minimize operating costs.

With the highest lumen output available on the market today, PowerForm can help you achieve optimal light levels with fewer luminaires compared to traditional 1000W HID solutions without compromising light quality or a sense of security for those in the area.



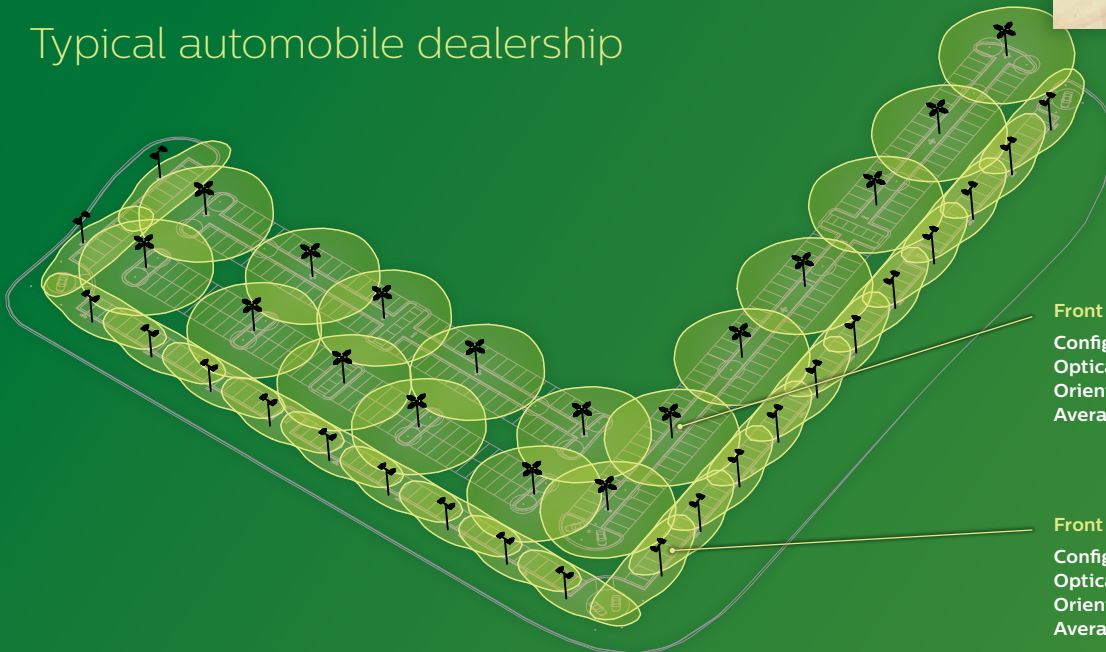
Attract customers while saving money

Yes, you can entice
prospective customers
without breaking the bank!

PowerForm's full illumination lets your inventory sparkle and shine at night without unnecessary light trespass. PowerForm area and site luminaires are available with a color rendering index (CRI) of 90, ensuring your inventory will look its best day and night. Long-lasting, energy-efficient LED technology helps to significantly lower energy and maintenance costs compared to traditional lighting technologies, while optional programmable dimming and motion response sensors further enhance energy savings without compromising a sense of security.



Typical automobile dealership



Front secondary display:

Configuration: PFAS-184L-1A-NW-G1
Optical Distribution: 5W
Orientation: 4@90
Average Fc: 26.2

Front Row:

Configuration: PFAS-184L-1A-NW
Optical Distributions: AFR90 & AFR270
Orientation: 2@180
Average Fc: 74.3



PowerForm

 Site & Area,
 Floodlighting

 Automobile
 dealerships

Auto Dealership (Front Row configurations)

The IES recommends a 30Fc average to illuminate the front row on an auto dealership. PowerForm easily achieves this, and provides alternative solutions for those who desire higher light levels. The table below highlights four PowerForm configurations best suited to retrofit existing HID luminaires on the front row of a typical automobile dealership.

Luminaire	Optical Distribution	Orientation	Wattage (per luminaire)	Delivered Lumens (per luminaire)	Efficacy	Average FC	Max/Min Ratio
PFAS-92L-1A	AFR 90 & 270	2@180	337	31,020	92	32.7	4.02
PFAS-184L-700	AFR 90 & 270	2@180	418	47,690	114	50.4	4.00
PFAS-184L-1A	AFR 90 & 270	2@180	638	61,561	96	65.0	4.00
PFAS-276L-1A	AFR 90 & 270	2@180	942	92,873	99	98.1	4.01

Based on 25' mounting height and 50' spacing. The luminaires and optical distributions shown are examples. Confirm which PowerForm is right for you using a photometric layout of your application.

Keep them coming back for more

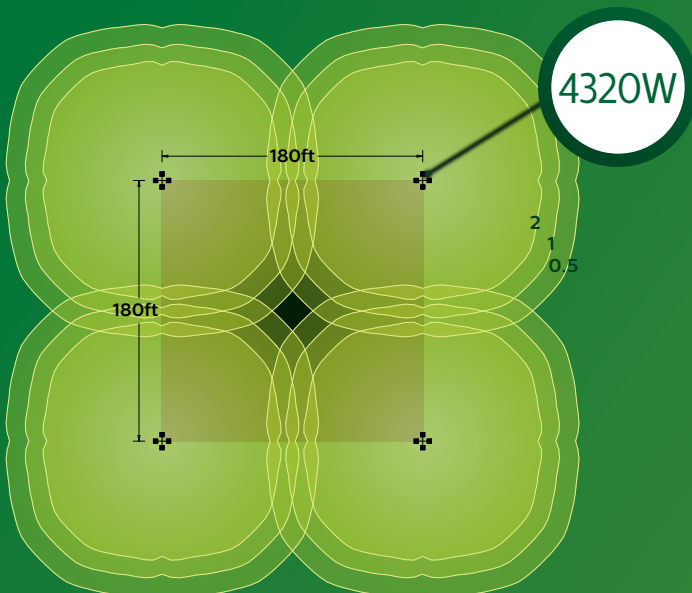
Set the tone for an enjoyable shopping experience even before customers enter the store.

PowerForm casts bright, uniform light across the entire parking lot, eliminating dark zones between poles, so that pedestrians and drivers feel a sense of security as they drive and walk throughout the area. While dimmable LED technology significantly reduces operating and maintenance expenses, the simple retrofit onto existing poles means that initial expenses are minimized, too. And as the number of luminaires can be reduced without compromising light quality, poles can be eliminated from the space to reduce clutter.

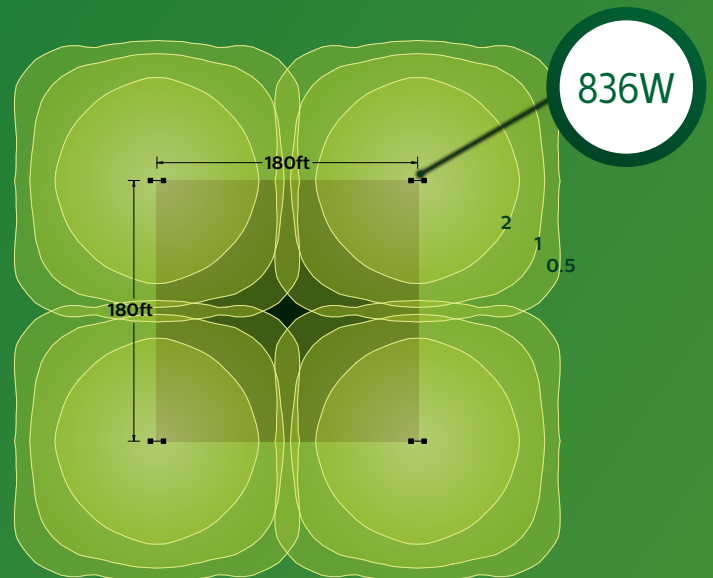


Typical retail parking lot

1000W Pulse Start Metal Halide



PowerForm LED site & area





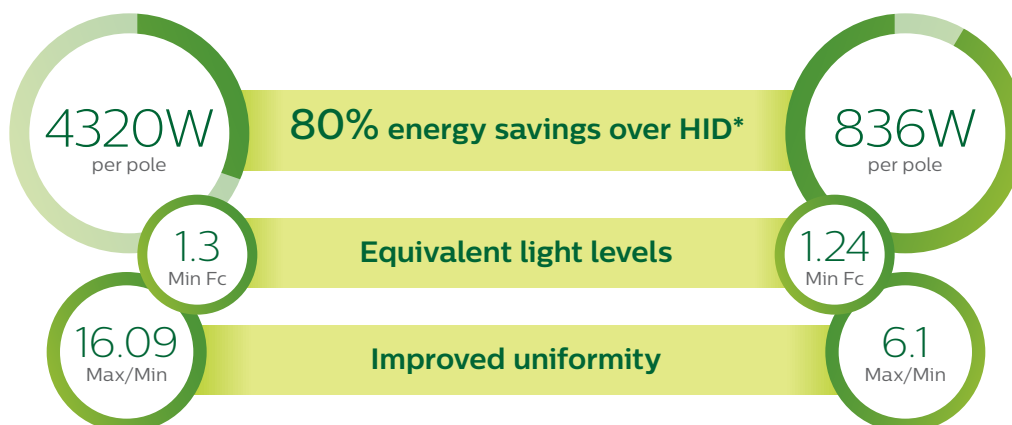
PowerForm
.....
Site & Area,
Floodlighting
.....
Retail spaces
.....

1000W Pulse Start Metal Halide

PowerForm LED site & area

1000W PSMH @ 1080W

PFAS-184L-700mA



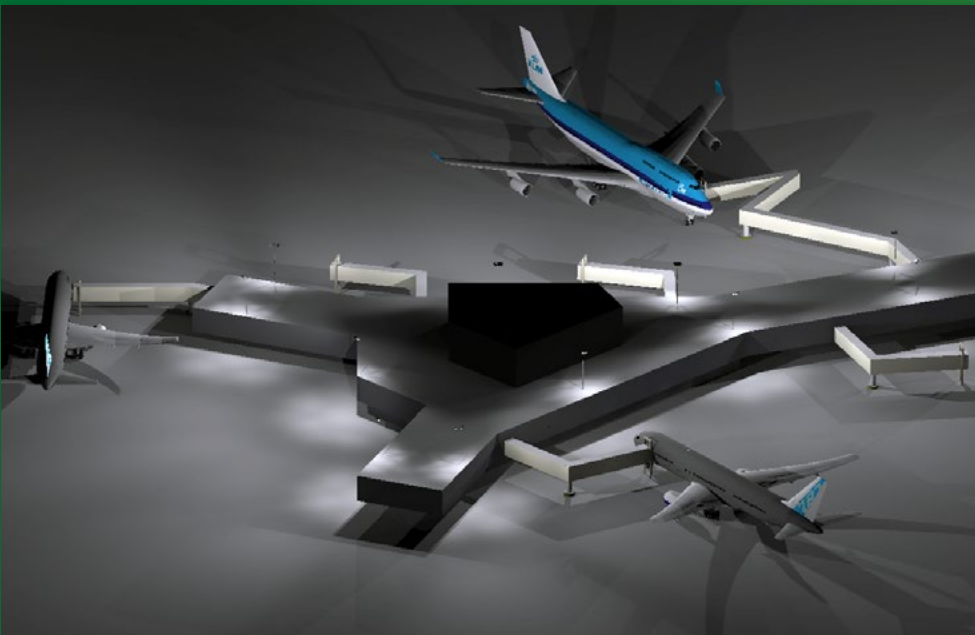
* Based on 1000W PSMH luminaire (1080W) and PowerForm site & area (PFAS-184L-700mA).

Certainty for precious cargo

Safely navigating a constant flow of passengers or goods is complex enough, so why add the unnecessary stress of high utility bills?

PowerForm has a variety of mounting options and optical distributions to ensure a sense of security throughout any outdoor area, such as airport terminals, parking lots, docks and piers.

PowerForm's Airport Apron optics, available in the floodlight configuration, are designed to address the specific needs of this application, minimizing spill light and glare, and may be aimed to achieve cut off requirements.





Airport Apron Optics

PowerForm's advanced Airport apron optics (AIRP) are surrounded with high quality construction materials and skillful engineering that are synonymous with Philips Gardco, ensuring many years of reliable, low maintenance operation.

The AIRP optic provides an extremely wide horizontal pattern that can light large areas smoothly and uniformly to meet stringent airport apron lighting requirements. It is designed to achieve high levels of uniform horizontal illumination up to approximately 300' out from the terminal which reaches the end of most commercial planes. The AIRP optic limits stray uplight and helps to minimize glare for planes approaching the gates while providing good visibility for maintenance crews. When aiming the PowerForm Flood with the AIRP only minor tilting of 25° to 45° is necessary to maximize coverage and limit vertical footcandle levels away from the apron.

Do more with less

Now you can save money while
achieving energy efficiency targets.

Energy savings

PowerForm brings the intrinsic energy savings of LED technology, which lowers utility bills and reduces payback periods. These long-lasting luminaires also require less frequent maintenance, decreasing costs even further compared to traditional HID technologies.

Modular housing

PowerForm's modular housing provides a full range of scalable solutions in one family, allowing you to use only what you need. Additionally, with industry-leading high output illumination of over 95,000 lumens, you can potentially use fewer luminaires compared to HID.

Control functions

PowerForm's programmable dimming, motion response, preplanned maintenance and other control functions further optimize energy savings and extend the luminaire's life while maintaining a sense of security throughout your site.

This is an ROI example you can achieve by
retrofitting 68 HID luminaires with PowerForm



71%

Annual savings
over HID



50%

Fewer luminaires*
than existing HID



2.43

Payback in years*



+ more

Reduce lighting cost and
increase energy savings by
combining **PowerForm** with
connected lighting solutions

Save **energy** and **money** with your new **area and flood** solution!

* Based on comparison between 1000W PSMH luminaires (at 1080W) and PFAS-276L-700-NW (at 618W) with an energy rate of \$0.1045/KWh. National average energy rates and other assumptions apply.

Controls



Luminaire solutions

Basic. Autonomous. Affordable.

Simple, individual outdoor lighting dimming and management without the need for remote access.

- **0-10V Dimming**
- **Dual Circuit Control**
- **Dynadimmer Stand-alone Dimming Profile**
- **Dynadimmer with Motion Response Override**
- **Programmable Motion Response**

Programmable Motion Response

Programmable Motion Response maximizes your outdoor lighting energy savings while supporting security efforts. Upon easy installation, Programmable Motion Response dims PowerForm luminaires to 25% light output, increases to 100% light output only when motion is detected, and returns to the original low output after five minutes. Settings are easily changed at the luminaire with an optional wireless hand held programmer.

Dynadimmer

Dynadimmer dims the luminaire's light output according to pre-programmed or customized dimming schedules to reduce light pollution and energy consumption without compromise.



Site solutions

Intermediate. Informative. Flexible.

Wirelessly manage as a single system or as separate groups within a site. Monitor and respond to real time energy usage and track data trends with a web-based connected lighting system.

- **Wireless controls system**

Wireless controls system

Integrating wireless controls with PowerForm luminaires allows you to manage the entire site, independent lighting groups or individual luminaires local or remotely. Based on a high density mesh network and with the easy to use web-based portal, you can conveniently access and manage your lighting network remotely. Wireless controls can be combined with Site & Area, pedestrian, and parking garage luminaires as well, for a completely connected outdoor solution.

For more information

Visit us at www.philips.com/luminaires for more on Philips stand-alone and connected outdoor lighting solutions, and select Controls Outdoor, or request our outdoor lighting solutions brochure.

PowerForm site & area **PFAS**



IP66 Rated Luminaire

IP66-rated optical assemblies and electrical housing.

Optical Distributions

Type 2, 3, 4, 5 Wide, and Auto Front Row distributions available.

Shielding

Internal and external house side shields available to reduce light trespass.

Modular sizing

Modular housing, available in 5 sizes offering 2, 3, 4, 5, or 6 LED modules.

Die-cast housing

Rugged, die-cast aluminum housing for maximum durability.

Mounting

Standard arm mount and slipfitter available.

Site & area configurations

PowerForm
Site & Area
PFAS Configurations



6 module luminaire (276L)

700 mA, 618 W, 67500-73600 lms
1A, 942 W, 87700-95700 lms



5 module luminaire (230L)

700 mA, 518 W, 56200-61300 lms
1A, 787 W, 72800-79400 lms



4 module luminaire (184L)

700 mA, 418 W, 45000-49100 lms
1A, 638 W, 58100-63400 lms



3 module luminaire (138L)

700 mA, 324 W, 33600-36700 lms
1A, 485 W, 43600-47600 lms



2 module luminaire (92L)

700 mA, 230 W, 20600-22500 lms
1A, 337 W, 29300-31900 lms

PowerForm floodlight luminaires PFF

Shielding

Glare shields are available to reduce light trespass and glare.

Modular sizing

Modular housing, available in 5 sizes offering 2, 3, 4, 5, or 6 LED modules.

Die-cast housing

Rugged, die-cast aluminum housing for maximum durability.

IP66 Rated Luminaire

IP66-rated optical assemblies and electrical housing.

Optical Distributions

Asymmetric 33, Rectangular Medium, Spot, and Airport Apron optics available.

Mounting

Slipfitter and yoke mount available.

Floodlight configurations

PowerForm
Floodlighting
PFF Configurations



6 module luminaire

700 mA, 614 W, 72300-78000 lms
1A, 935 W, 94000-101400 lms



5 module luminaire

700 mA, 514 W, 60200-64900 lms
1A, 781 W, 78000-84100 lms



4 module luminaire

700 mA, 414 W, 48200-52000 lms
1A, 633 W, 62300-67200 lms



3 module luminaire

700 mA, 321 W, 36000-38800 lms
1A, 481 W, 46700-50400 lms



2 module luminaire

700 mA, 228 W, 22100-23800 lms
1A, 335 W, 31400-33800 lms

Mountings



Arm mount

PowerForm site & area's standard arm features an elongated bolt mounting pattern with key slot feature to aid in ease of mounting. Designed to fit a large number of existing pole drillings.



Slipfitter mount

PowerForm's structural, cast aluminum slipfitter is available with both site & area and flood luminaires. Designed to mount to a 2" (2 3/8" O.D.) pipe tenon. A single hex head bolt is tightened to secure the luminaire's tilt. Incremental 12° tick marks are provided to allow for precise aiming and to facilitate the alignment of multiple luminaires in 4° increments.

Integral splice compartment

Splice connections can be made inside the slipfitter's dedicated UL-recognized splice compartment. Simply remove the access cover and make all of your wiring connections. No auxiliary junction box is required, allowing for luminaire at-grade wiring.



Yoke mount

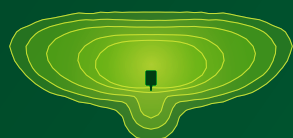
When fixture locations do not allow for tenon style mounting or the need to mount a floodlight is an afterthought, bolting the product in place using a durable and adjustable yoke mount system provides the perfect solution. PowerForm's yoke mount option allows you to mount the product in place using appropriate mounting hardware.



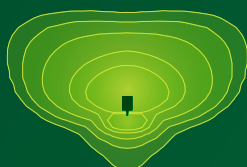
Optical distributions

PFAS Site & area luminaires

Type 2



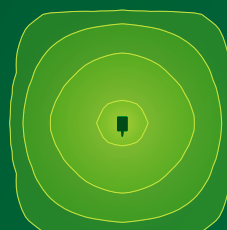
Type 3



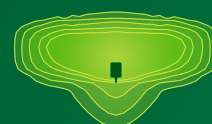
Type 4



Type 5W

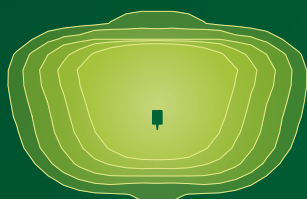


Type AFR

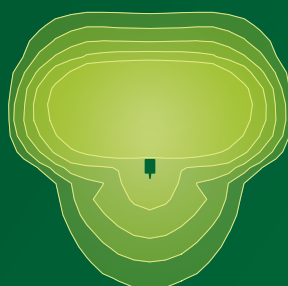


PFF Floodlight luminaires

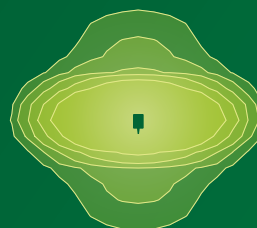
A33 @ 30' setback & 0° tilt



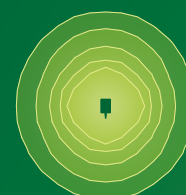
AIRP @ 30' setback & 0° tilt



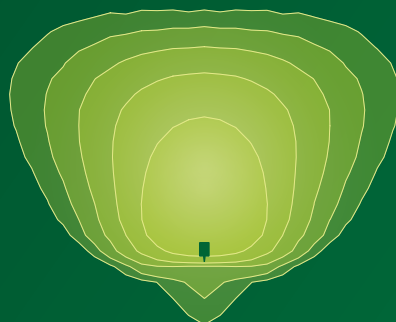
RM @ 30' setback & 0° tilt



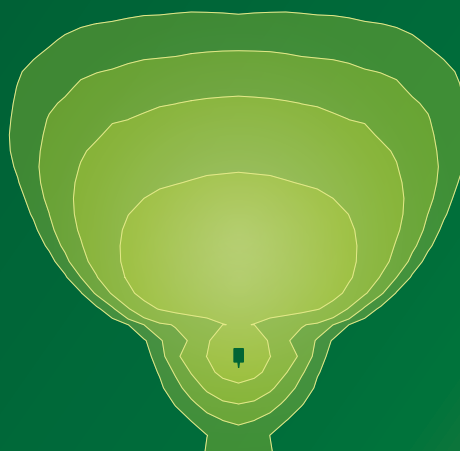
SP @ 30' setback & 0° tilt



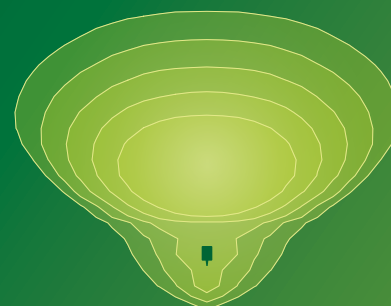
A33 @ 30' setback & 30° tilt



AIRP @ 30' setback & 25° tilt



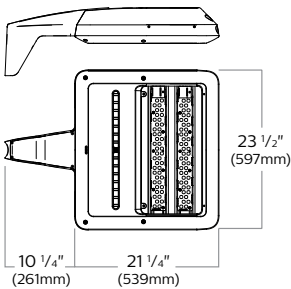
RM @ 30' setback & 50° tilt



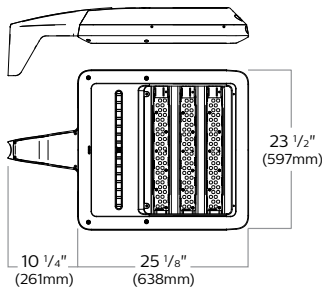
PFAS Site & area luminaires

Dimensions – Standard Arm Mount (AR)

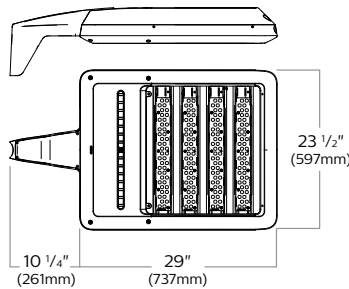
2 Module (92L)



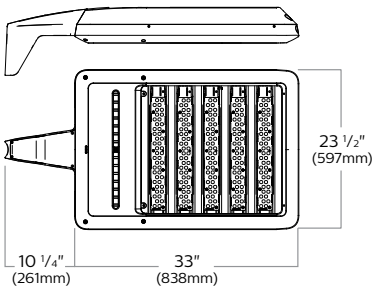
3 Module (138L)



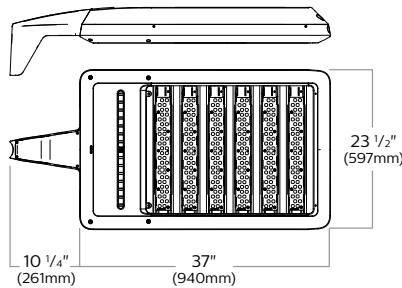
4 Module (184L)



5 Module (230L)



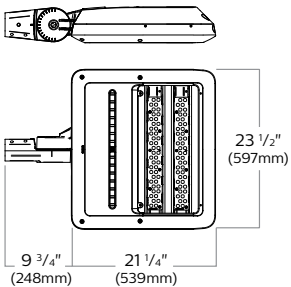
6 Module (276L)



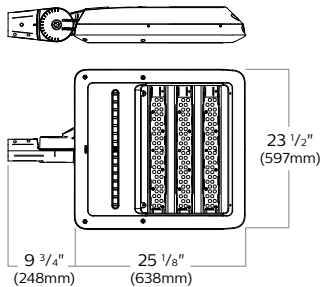
No. of Modules	Effective Projected Area (EPA-ft ²) ¹			Weight of single luminaire	
	Single	Twin@180	3 or 4	PFAS	
2	0.560	1.120	1.457	48 lbs (21.8 kg)	
3	0.647	1.294	1.631	59 lbs (26.8 kg)	
4	0.739	1.478	1.816	68 lbs (30.8 kg)	
5	0.836	1.672	2.009	78 lbs (35.4 kg)	
6	0.938	1.876	2.214	86 lbs (39.0 kg)	

Dimensions – Slipfitter Mount (SF)

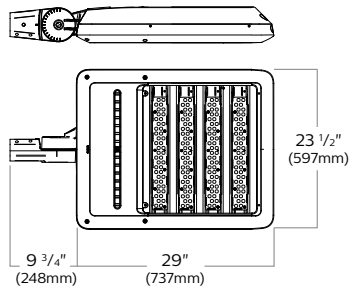
2 Module (92L)



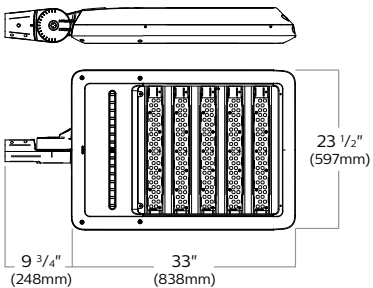
3 Module (138L)



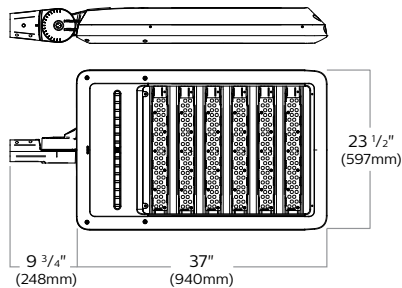
4 Module (184L)



5 Module (230L)



6 Module (276L)

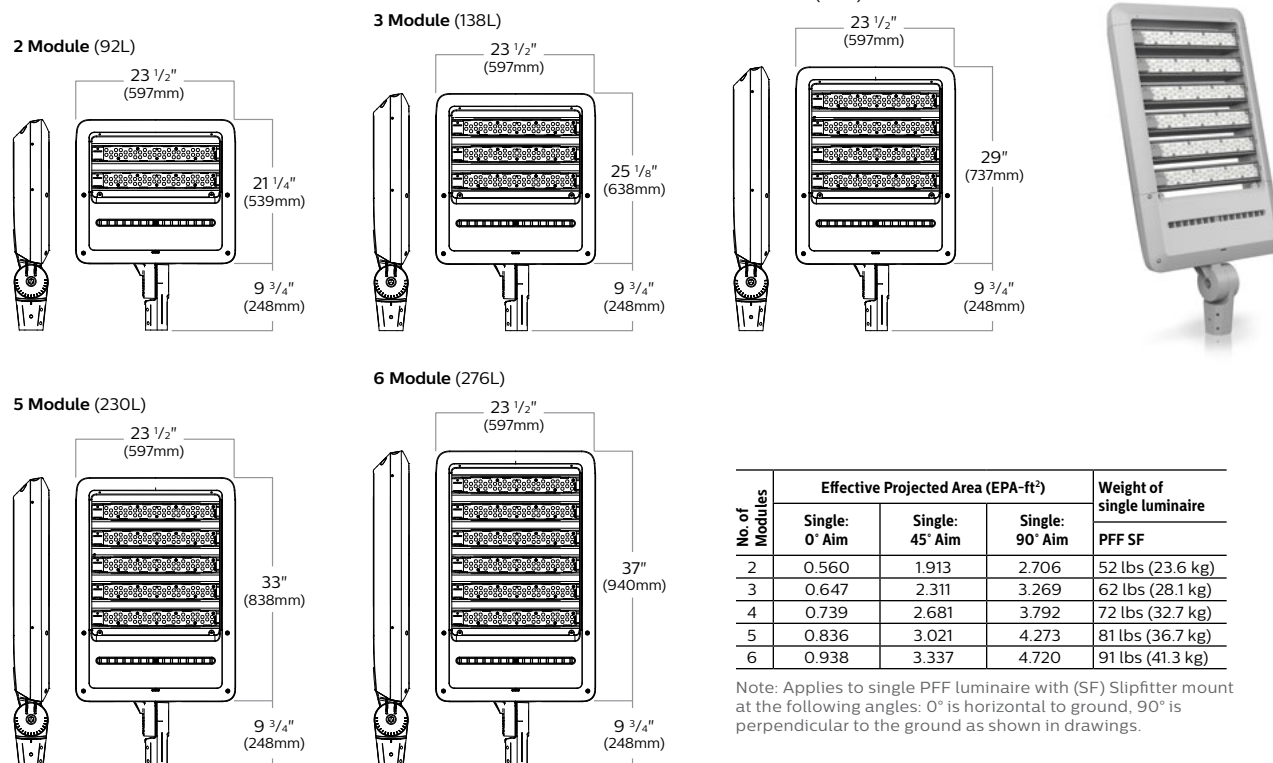


No. of Modules	Effective Projected Area (EPA-ft ²) ¹			EPA table with Slipfitter mounted on horizontal tenon			Weight of single luminaire	
	Single	Twin@180	3 or 4	0° Aim	45° Aim	90° Aim	PFAS SF	
2	0.560	1.120	1.457	0.560	1.913	2.706	58 lbs (26.3 kg)	
3	0.647	1.294	1.631	0.647	2.311	3.269	68 lbs (30.8 kg)	
4	0.739	1.478	1.816	0.739	2.681	3.792	78 lbs (35.4 kg)	
5	0.836	1.672	2.009	0.836	3.021	4.273	88 lbs (39.9 kg)	
6	0.938	1.876	2.214	0.938	3.337	4.720	98 lbs (44.5 kg)	

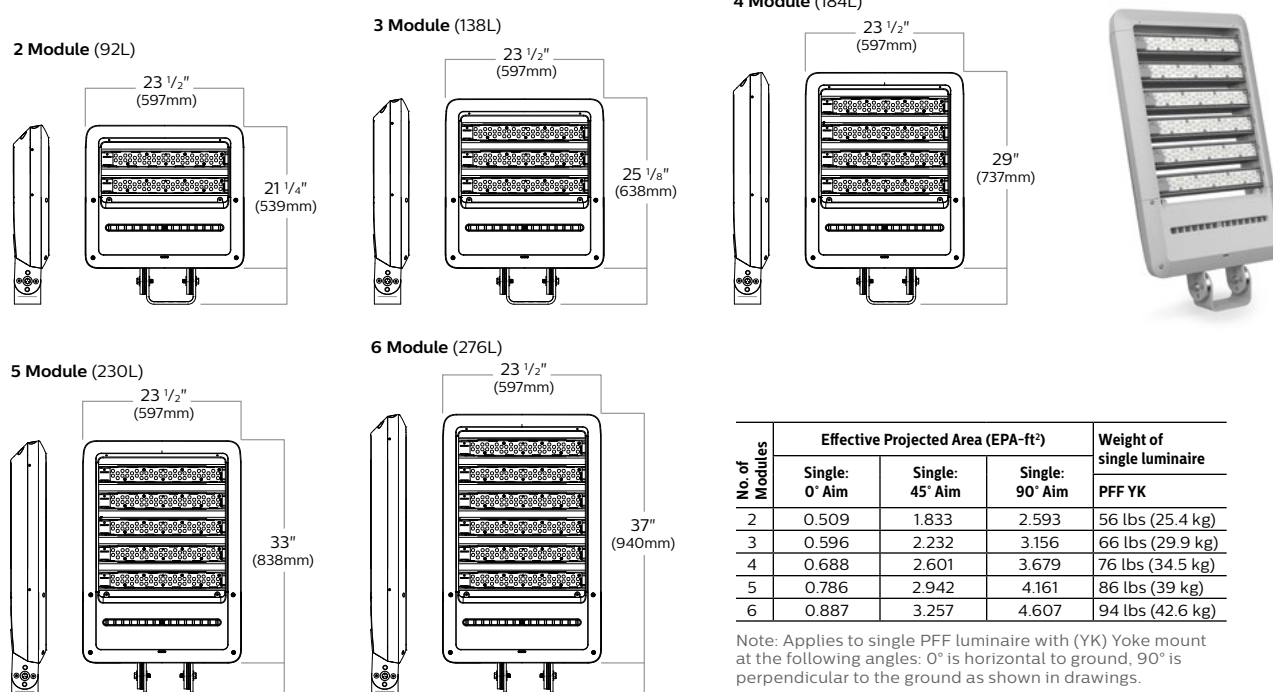
1. Applies to values as shown for quantity of single, twin at 180, three or four luminaires; all with 0 deg aiming at horizontal.
2. Applies to single PFAS luminaire with (SF) slipfitter mount at following angles when mounted on a horizontal tenon. 0° is horizontal to ground when mounted on a horizontal tenon. 90° is vertical to ground when mounted on a horizontal tenon.

PFF Floodlight luminaires

Dimensions – Slipfitter Mount (SF)



Dimensions – Yoke Mount (YK)



PFAS Site & area luminaires



Ordering guide*

example: PFAS-184L-1A-NW-G1-AR-5W-120-PCB-F1-BZ

Luminaire	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Distribution	Voltage	Options			
							Controls	Electrical	Luminaire	Finish
PFAS										
PFAS PowerForm Area Site	92L 92 LEDs (2 modules)	700 700mA 1A 1Amp	NW-G1 Neutral White 4000K, 70 CRI Generation 1 NW90-G1 Neutral White 4000K, 90 CRI Generation 1	AR Arm Mount SF Slipfitter Mount (fits to 2 3/8" O.D. tenon)	2 Type 2 3 Type 3 4 Type 4 5W Type 5W AFR Auto Front Row AFR-90 Auto Front Row, Rotated 90° AFR-270 Auto Front Row, Rotated 270°	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60Hz) HVU 347-480V (50/60Hz)	DD 0-10V Dimming Driver DCC Dual Circuit Control DynaDimmer: Automatic Profile Dimming	TB Terminal Block Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pull (208, 240, 480VAC) Pole Mount Fusing FP1 Single (120, 277, 347VAC) FP2 Double (208, 240, 480VAC) FP3 Canadian Double Pull (208, 240, 480VAC) Surge Protection SP2 20KV 10KA 120-277VAC SP2HV 20KV 10KA 347-480VAC	SPA Square Pole Adapter HIS Internal Housing Side Shield	Textured BK Black WH White BZ Bronze DGY Dark Gray MGY Medium Gray Customer specified RAL Specify optional color or RAL (ex: OC-LGP or OC-RAL7024) CC Custom color (Must supply color chip for required factory quote)
	138L 138 LEDs (3 modules)						CS50 Safety 50% Dimming, 7 hours CM50 Median 50% Dimming, 8 hours CE50 Economy 50% Dimming, 9 hours DA50 All Night 50% Dimming			
	184L 184 LEDs (4 modules)						Photoelectric/Receptacle Systems (Twist Lock Receptacle) PCB Photocontrol Button TLRD5 Twist Lock Receptacle 5 Pin TLRD7 Twist Lock Receptacle 7Pin TLRPC Twist Lock Receptacle w/Photocell			
	230L 230 LEDs (5 modules)						Infrared Motion Response Systems IMRI3 Integral with #3 lens IMRI4 Integral with #4 lens IMRI7 Integral with #7 lens			
	276L 276 LEDs (6 modules)						Pole Mounted Infrared Motion Response Systems with DynaDimmer CS50-IMRO with Safety 50% Dimming CM50-IMRO with Median 50% Dimming CE50-IMRO with Economy 50% Dimming DA50-IMRO with All Night 50% Dimming			
	Note: 46 LEDs per module						Wireless Controls LLC3 Module with #3 lens LLC4 Module with #4 lens			

Accessories* (ordered separately, field installed)

Controls Accessories

Pole Mount Motion Sensors

MS-A-120V 120V Input
MS-A-277V 277V Input

Wireless controls Remote mount modules

LLCR2-(F) #2 lens
LLCR3-(F) #3 lens
LLCR4-(F) #4 lens

Shielding Accessories

Internal house Side shields

HIS-PFAS-92 92 LEDs (2 modules)
HIS-PFAS-138 138 LEDs (3 modules)
HIS-PFAS-184 184 LEDs (4 modules)
HIS-PFAS-230 230 LEDs (5 modules)
HIS-PFAS-276 276 LEDs (6 modules)

External Shield Auto Front Row 90° or 270°

AFRES-PFAS-92 92 LEDs (2 modules)
AFRES-PFAS-138 138 LEDs (3 modules)
AFRES-PFAS-184 184 LEDs (4 modules)
AFRES-PFAS-230 230 LEDs (5 modules)
AFRES-PFAS-276 276 LEDs (6 modules)

Mounting Accessories

PowerForm PTF2 (pole top fitter fits 2 3/8-2 1/2" OD x 4" depth tenon)

PTF2-PFAS-1-90-(F) 1 luminaire at 90°
PTF2-PFAS-2-90-(F) 2 luminaires at 90°
PTF2-PFAS-2-180-(F) 2 luminaires at 180°
PTF2-PFAS-3-90-(F) 3 luminaires at 90°
PTF2-PFAS-4-90-(F) 4 luminaires at 90°
PTF2-PFAS-3-120-(F) 3 luminaires at 120°

PowerForm PTF3 (pole top fitter fits 3 1/2" OD x 6" depth tenon)

PTF3-PFAS-1-90-(F) 1 luminaire at 90°
PTF3-PFAS-2-90-(F) 2 luminaires at 90°
PTF3-PFAS-2-180-(F) 2 luminaires at 180°
PTF3-PFAS-3-90-(F) 3 luminaires at 90°
PTF3-PFAS-4-90-(F) 4 luminaires at 90°
PTF3-PFAS-3-120-(F) 3 luminaires at 120°

PowerForm PTF4 (pole top fitter fits 3 1/2-4" OD x 6" depth tenon)

PTF4-PFAS-1-90-(F) 1 luminaire at 90°
PTF4-PFAS-2-90-(F) 2 luminaires at 90°
PTF4-PFAS-2-180-(F) 2 luminaires at 180°
PTF4-PFAS-3-90-(F) 3 luminaires at 90°
PTF4-PFAS-4-90-(F) 4 luminaires at 90°
PTF4-PFAS-3-120-(F) 3 luminaires at 120°

* Prior to ordering, consult specification sheets on www.philips.com/luminaires for the most current information, notes, and exclusions. Specify finish at placeholder F.

PFF Floodlight luminaires



PowerForm
.....
Site & Area,
Floodlighting
.....
Specifications
.....

Ordering guide*

example: PFF-184L-1A-NW-G1-YK-SP-120-PCB-F1-BZ

Luminaire	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Distribution	Voltage	Options		
							Controls	Electrical	Finish
PFF			NW-G1						
PFF PowerForm Flood	92L 92 LEDs (2 modules) 138L 138 LEDs (3 modules) 184L 184 LEDs (4 modules) 230L 230 LEDs (5 modules) 276L 276 LEDs (6 modules) Note: 46 LEDs per module	700 700mA 1A 1Amp	NW-G1 Neutral White 4000K, 70 CRI Generation 1	SF Slipfitter Mount (fits to 2 3/8" O.D. tenon) YK Yoke Mount	A33 Asymmetric 33° Flood RM Rectangular Medium Flood SP Spot (12" round) AIRP Airport Apron Flood	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60Hz) HVU 347-480V (50/60Hz)	DD 0-10V Dimming Driver DynaDimmer: Automatic Profile Dimming CS50 Safety 50% Dimming, 7 hours CM50 Median 50% Dimming, 8 hours CE50 Economy 50% Dimming, 9 hours DA50 All Night 50% Dimming Photoelectric/Receptacle Systems (Twist Lock Receptacle) PCB Photocontrol Button TLRD5 Twist Lock Receptacle 5 Pin TLRD7 Twist Lock Receptacle 7Pin TLRPC Twist Lock Receptacle w/Photocell Pole Mounted Infrared Motion Response Systems with DynaDimmer CS50-IMRO with Safety 50% Dimming CM50-IMRO with Median 50% Dimming CE50-IMRO with Economy 50% Dimming DA50-IMRO with All Night 50% Dimming Wireless Controls LLC3 Module with #3 lens LLC4 Module with #4 lens	Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pull (208, 240, 480VAC) Pole Mount Fusing FP1 Single (120, 277, 347VAC) FP2 Double (208, 240, 480VAC) FP3 Canadian Double Pull (208, 240, 480VAC) Surge Protection SP2 20KV 10KA 120-277VAC SP2HV 20KV 10KA 347-480VAC	Textured BK Black WH White BZ Bronze DGY Dark Gray MGY Medium Gray Customer specified RAL Specify optional color or RAL (ex: OC-LGP or OC-RAL7024) CC Custom color (Must supply color chip for required factory quote)

Accessories* (ordered separately, field installed)

Controls Accessories

Shielding Accessories

Mounting Accessories

Pole Mount Motion Sensors

MS-A-120V 120V Input
MS-A-277V 277V Input

Wireless controls Remote mount modules

LLCR2-(F) #2 lens
LLCR3-(F) #3 lens
LLCR4-(F) #4 lens

Glare shields

GS-PFF-92 92 LEDs (2 modules)
GS-PFF-138 138 LEDs (3 modules)
GS-PFF-184 184 LEDs (4 modules)
GS-PFF-230 230 LEDs (5 modules)
GS-PFF-276 276 LEDs (6 modules)

SM-18-(F) 18" Stanchion Mount

Wall Brackets (2 3/8" round tenon)

WRAB-(F) 12" Wall Offset, Right Angle (5 5/8" depth)
WRABH-14-(F) 14.5" Wall Offset, Right Angle (5 5/8" depth)
WVT-2-(F) Vertical Tenon (6" depth)

Square Pole Tenon Reducer Brackets (2 3/8" round tenon)

SPTR-4-(F) Mounts over 4" sq. pole (4" depth)
SPTR-5-(F) Mounts over 5" sq. pole (4" depth)

Round Pole Tenon Reducer Brackets (2 3/8" round tenon)

RPTR-4-(F) Mounts over 4" dia. pole (4" depth)
RPTR-5-(F) Mounts over 5" dia. pole (4" depth)

Bullhorns (requires pole top tenon of 4" OD x 6" depth x 0.226" thick)

GMD102M-PFF-(F) Twin Mount 180°
GMD103M-PFF-(F) Triple Mount 180°
GMD104M-PFF-(F) Quad Mount 180°
GMX104M-PFF-(F) Quad Mount 90°
GMD115M-PFF-(F) Five Mount 180° (requires pole top tenon 0.318" thick)

* Prior to ordering, consult specification sheets on www.philips.com/luminaires for the most current information, notes, and exclusions. Specify finish at placeholder F.

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See how Philips Gardco PowerForm LED high output area and flood luminaires can help you to send the right message in an efficient manner. Contact your local Philips Sales Representative for a personalized demonstration or visit www.philips.com/powerform for additional information.

