



Spine F 1 Ultra

Outdoor luminaire designed by Vincent Van Duysen

Description

Family of outdoor, professional and adjustable projectors designed by Vincent Van Duysen. The product is characterized by a minimalist and elegant design suitable for the most varied contexts, from residential to hotel environments.

Lamp

Table with 2 columns: Lamp Type, Wattage, Output Nominal, Color Temperature, Color rendering. Values include Power LED, 3.5 W, 174 lm, 180 lm, 3000K, 4000K, and CRI80.

Optical

Table with 2 columns: Beam Angle, Lighting Type, Light Distribution. Values include 7°, Direct, and Symmetric.

Physical

Table with 2 columns: Material, Aiming, Weight, Ingress Protection Rating, Finishes. Values include Aluminum, Adjustable, 2.2 Pounds, IP66, and Powder Coating.

18 Deep Brown 30 Black



Finishes 01 White, 06 Grey, 12 Forest Green and 33 Anthracite, available on request.

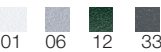
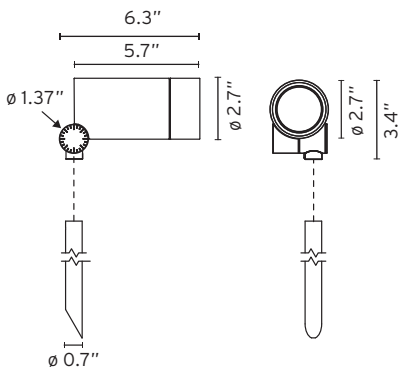


Table with 2 columns: Installation type, Environment. Values include Ground and Outdoor / Wet location.



Certifications

UL LISTED ADA Compliant
Suitable for Wet locations

Photometrics

For current IES files please visit professional.flos.com/en-US/us

Warranty

2 years from date of sale.



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Electrical & Control

Voltage	120 - 277V
Control	Non Dimmable
Driver	Integrated

Performance

Maximum delivered output	149 lm, 154 lm
Efficacy	49.7 lm/W

Notes

Painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance.

During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.

LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) overvoltage from primary voltage sources, (b) electrostatic discharge from the exterior environment.

Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

2200K and 2700K available on request.

Certifications



ADA Compliant

Suitable for Wet locations

Photometrics

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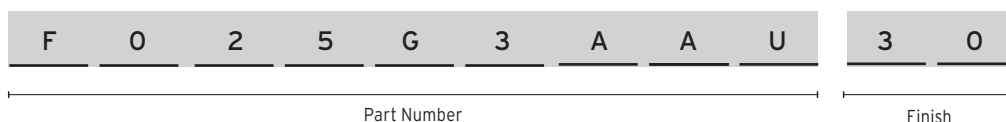
Warranty

2 years from date of sale.


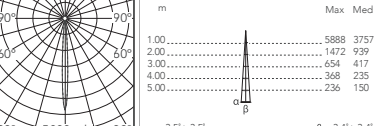



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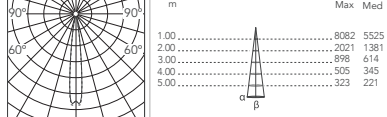



How to specify




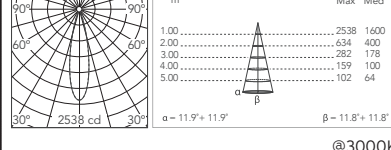



Spine F 1 Ultra - Optic Narrow Spot

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025G3AAU30	 Black	3000	3.5	174	149	7°	80	Non Dimmable	
F025G3AAU18	 Deep Brown								
F025G4AAU30	 Black	4000	3.5	180	154				
F025G4AAU18	 Deep Brown								

Spine F 1 Ultra - Optic Spot

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025G3BAU30	 Black	3000	7.9	696	571	14°	80	Non Dimmable	
F025G3BAU18	 Deep Brown								
F025G4BAU30	 Black	4000	7.9	720	591				
F025G4BAU18	 Deep Brown								

Spine F 1 Ultra - Optic Medium Flood


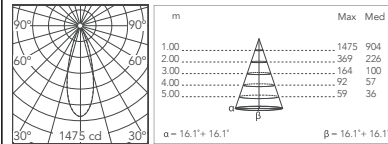



Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025G3CAU30	 Black	3000	7.9	696	518	24.5°	80	Non Dimmable	
F025G3CAU18	 Deep Brown								
F025G4CAU30	 Black	4000	7.9	720	536				
F025G4CAU18	 Deep Brown								

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How to specify

Spine F 1 Ultra - Optic Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025G3DAU30	 Black	3000	7.9	696	500	32°	80	Non Dimmable	
F025G3DAU18	 Deep Brown								
F025G4DAU30	 Black	4000	7.9	720	518				
F025G4DAU18	 Deep Brown								


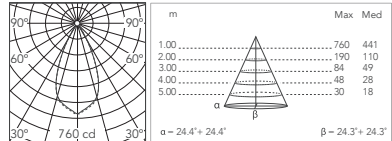



m		Max	Med
1.00	.....	1475	904
2.00	.....	369	226
3.00	.....	164	100
4.00	.....	92	57
5.00	.....	59	36




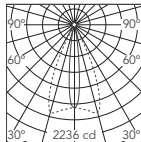
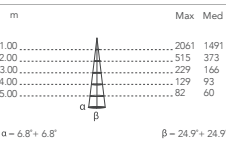



$\alpha = 16.1^\circ + 16.1^\circ$
 $\beta = 16.1^\circ + 16.1^\circ$

@3000K

Spine F 1 Ultra - Optic Wide Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025G3EAU30	 Black	3000	7.9	696	490	49°	80	Non Dimmable	
F025G3EAU18	 Deep Brown								
F025G4EAU30	 Black	4000	7.9	720	505				
F025G4EAU18	 Deep Brown								

Spine F 1 Ultra - Optic Elliptical 1


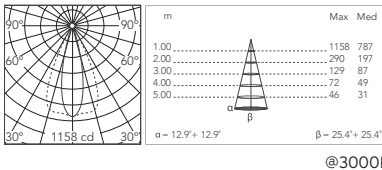



Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics				
F025G3FAU30	 Black	3000	7.9	696	519	13.5° x 50°	80	Non Dimmable	 				
F025G3FAU18	 Deep Brown												
F025G4FAU30	 Black	4000	7.9	720	537								
F025G4FAU18	 Deep Brown												

Spine F 1 Ultra


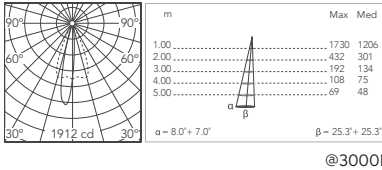



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How to specify

Spine F 1 Ultra - Optic Elliptical 2

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics				
F025G3GAU30	 Black	3000	7.9	696	505	26° x 51°	80	Non Dimmable					
F025G3GAU18	 Deep Brown												
F025G4GAU30	 Black	4000	7.9	720	523								
F025G4GAU18	 Deep Brown												



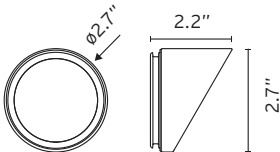
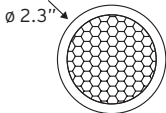
Spine F 1 Ultra - Optic Wall Washer

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics				
F025G3HAU30	 Black	3000	7.9	696	489		80	Non Dimmable					
F025G3HAU18	 Deep Brown												
F025G4HAU30	 Black	4000	7.9	720	506								
F025G4HAU18	 Deep Brown												

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Optional Accessories

Visor		Honeycomb	
<div><div></div>F025Z050018</div> <div><div></div>F025Z050030</div>		F025Z060000	
			
			
Converter Lenses		Pole with an overground length of 200 - 500 mm for ground installation.	
<div><div>- Converter Spine 1 Optic Medium Flood</div><div>F029Z010000</div></div> <div><div>- Converter Spine 1 Optic Flood</div><div>F029Z011000</div></div> <div><div>- Converter Spine 1 Optic Wide Flood</div><div>F029Z012000</div></div> <div><div>- Converter Spine 1 Optic Elliptic 1</div><div>F029Z013000</div></div> <div><div>- Converter Spine 1 Optic Elliptic 2</div><div>F029Z014000</div></div> <div><div>- Converter Spine 1 Optic Wall Washer</div><div>F029Z015000</div></div>		<div><div>7.8"</div><div><div></div>F026Z020018</div><div><div></div>F026Z020030</div></div> <div><div>19.6"</div><div><div></div>F026Z030018</div><div><div></div>F026Z030030</div></div>	
