



Spine F 1 Ultra HP

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

Lamps Type	Power LED
Wattage	10.5 W
Output Nominal	966 lm, 1012 lm
Color Temperature	3000K, 4000K
Color rendering	CRI80

Optical

Beam Angle	12° → 50°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Aluminum
Aiming	Adjustable
Weight	2.2 Pounds
Ingress Protection Rating	IP66
Finishes	Powder Coating

18 Deep Brown

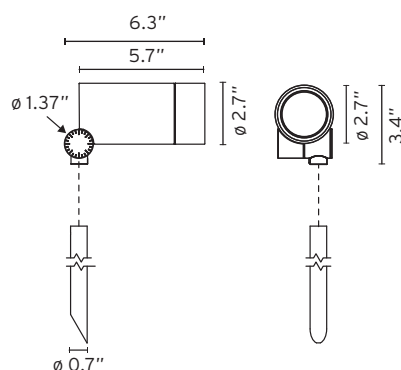
30 Black



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

01 06 12 33

Installation type	Ground
Environment	Outdoor / Wet location



Certifications



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	See table below
Efficacy	92 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

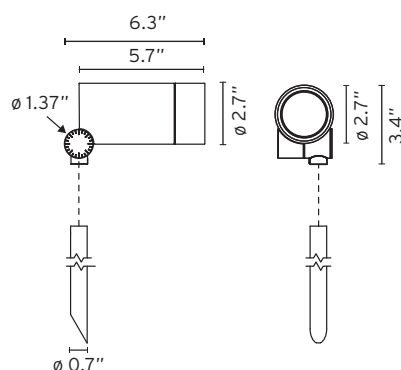
Suitable for Wet locations

Photometrics

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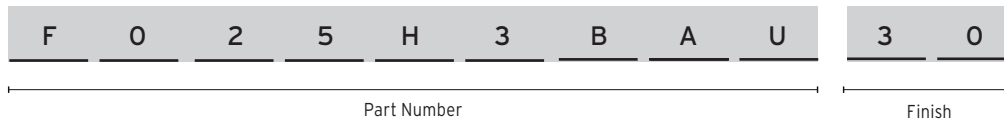
2 years from date of sale.




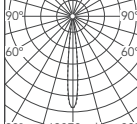



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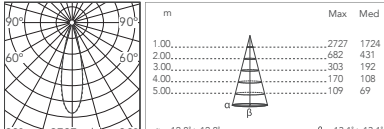



How to specify




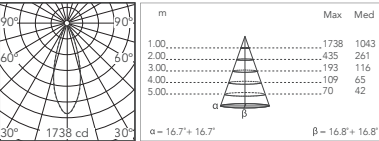



Spine F 1 Ultra HP - Optic Spot

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics															
F025H3BAU30	 Black	3000	10.5	966	706	12°	80	Non Dimmable	 <div><div><div>m</div><div>Max</div><div>Med</div></div><table><tr><td>1.00.....</td><td>13870</td><td>9336</td></tr><tr><td>2.00.....</td><td>3468</td><td>2334</td></tr><tr><td>3.00.....</td><td>1541</td><td>1037</td></tr><tr><td>4.00.....</td><td>867</td><td>583</td></tr><tr><td>5.00.....</td><td>555</td><td>373</td></tr></table><div><div>$\alpha = 5.8^\circ \div 5.8^\circ$</div><div>$\beta = 5.9^\circ \div 5.9^\circ$</div></div></div>	1.00.....	13870	9336	2.00.....	3468	2334	3.00.....	1541	1037	4.00.....	867	583	5.00.....	555	373
1.00.....	13870									9336														
2.00.....	3468	2334																						
3.00.....	1541	1037																						
4.00.....	867	583																						
5.00.....	555	373																						
F025H3BAU18	 Deep Brown																							
F025H4BAU30	 Black	4000	10.5	1012	730																			
F025H4BAU18	 Deep Brown																							

Spine F 1 Ultra HP - Optic Medium Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025H3CAU30	 Black	3000	10.5	966	630	26.5°	80	Non Dimmable	
F025H3CAU18	 Deep Brown								
F025H4CAU30	 Black	4000	10.5	1012	654				
F025H4CAU18	 Deep Brown								


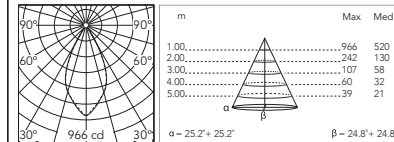



Spine F 1 Ultra HP - Optic Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025H3DAU30	 Black	3000	10.5	966	627	33.5°	80	Non Dimmable	
F025H3DAU18	 Deep Brown								
F025H4DAU30	 Black	4000	10.5	1012	651				
F025H4DAU18	 Deep Brown								


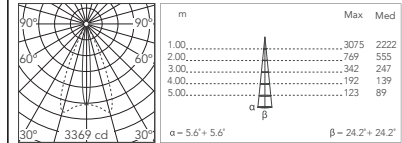



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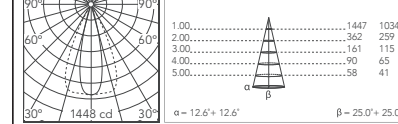



Spine F 1 Ultra HP - Optic Wide Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025H3EAU30	 Black	3000	10.5	966	619	50°	80	Non Dimmable	
F025H3EAU18	 Deep Brown								
F025H4EAU30	 Black	4000	10.5	1012	650				
F025H4EAU18	 Deep Brown								

Spine F 1 Ultra HP - Optic Elliptical 1

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025H3FAU30	 Black	3000	10.5	966	639	11.5° x 49°	80	Non Dimmable	
F025H3FAU18	 Deep Brown								
F025H4FAU30	 Black	4000	10.5	1012	633				
F025H4FAU18	 Deep Brown								


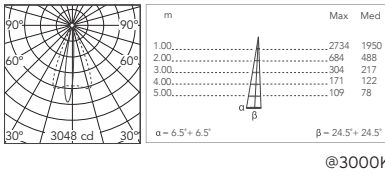



Spine F 1 Ultra HP - Optic Elliptical 2

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F025H3GAU30	 Black	3000	10.5	966	624	25.5° x 50°	80	Non Dimmable	
F025H3GAU18	 Deep Brown								
F025H4GAU30	 Black	4000	10.5	1012	645				
F025H4GAU18	 Deep Brown								

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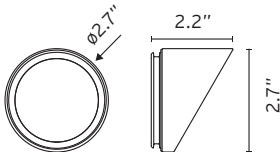
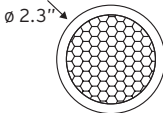
Spine F 1 Ultra HP - Optic Wall Washer

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics				
F025H3HAU30	 Black	3000	10.5	966	609		80	Non Dimmable					
F025H3HAU18	 Deep Brown												
F025H4HAU30	 Black	4000	10.5	1012	631								
F025H4HAU18	 Deep Brown												

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Optional Accessories

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