



### Description

SPACE FRAME system allows for slidable placement, including terminal box, for mounting on  $\varnothing$  1.9-2.36" pipes or space frames.

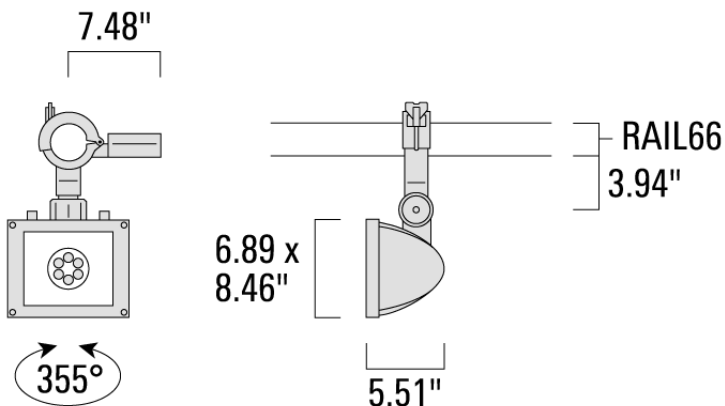
IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged. CAD-optimized optics for superior illumination and glare control. Integral driver. OLC® One LED Concept. Advanced thermal management protects LEDs while optimizing lumens output. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation.

Mount permits 355° rotation and 180° tilt.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)

+ XXX-XXXX (Accessory 1)



**Specifications****Material description**

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Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE

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**Electrical description**

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Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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**Additional information****WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030






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Subject to technical changes and errors. - Generated on 08/17/2025

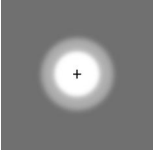
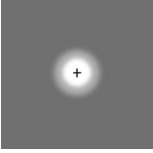
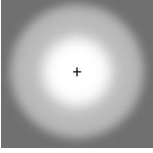
**FLB141 LED #7 SPACE FRAME Symmetric**  
**RAIL66**



**Options**

Light distribution	Color temperature	Nominal Watt
 symmetric, wide beam [W]	 3000 K	0 W
 symmetric, medium beam [M]	 4000 K	
 symmetric, very narrow beam [VN]		

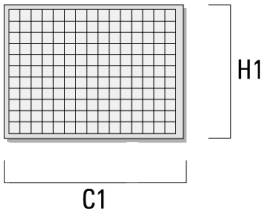
## Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
symmetric, medium beam [M] 	161-5964	LED-6/18W / 1050 mA - 3000 K	2167.2	21 W	80	9.92
	161-5965	LED-6/26W / 1400 mA - 3000 K	2772	27 W	80	9.92
	161-5966	LED-6/18W / 1050 mA - 4000 K	2268	21 W	80	9.92
	161-5967	LED-6/26W / 1400 mA - 4000 K	2898	27 W	80	9.92
symmetric, very narrow beam [VN] 	161-5968	LED-6/18W / 1050 mA - 3000 K	2165.6	21 W	80	9.92
	161-5969	LED-6/26W / 1400 mA - 3000 K	2770	27 W	80	9.92
	161-5970	LED-6/18W / 1050 mA - 4000 K	2266.4	21 W	80	9.92
	161-5971	LED-6/26W / 1400 mA - 4000 K	2895.9	27 W	80	9.92
symmetric, wide beam [W] 	161-5960	LED-6/18W / 1050 mA - 3000 K	2018.8	21 W	80	9.92
	161-5961	LED-6/26W / 1400 mA - 3000 K	2582.2	27 W	80	9.92
	161-5962	LED-6/18W / 1050 mA - 4000 K	2112.7	21 W	80	9.92
	161-5963	LED-6/26W / 1400 mA - 4000 K	2699.6	27 W	80	9.92

Optical Accessories

Wire guard

Description	Part ID	C1	H1
Wire guard EG	161-9118	7.13	6.02



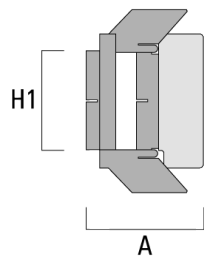
FLB141 LED #7 SPACE FRAME Symmetric

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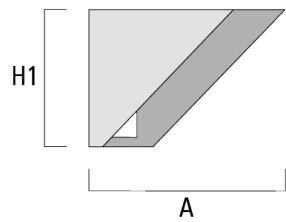
Barn doors

Description	Part ID	A	H1
Barn doors ED	161-9119	9.65	5.2



Glare shield

Description	Part ID	A	H1
Glare shield ES	161-9121	6.5	5.20



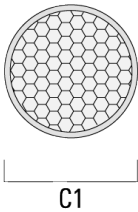
FLB141 LED #7 SPACE FRAME Symmetric

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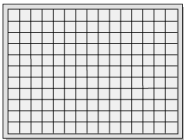
Honeycomb louvre

Description	Part ID	C1
Honeycomb Louvre IW	146-0625	4.33



Softening Lens

Description	Part ID	Additional information
Flood lens IO-360	161-5990	Broadens light distribution in all planes. 'Softens' fringe of beam. Suitable for luminaires with [M] and [EE] distributions. Internal component; factory installed.

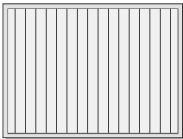


FLB141 LED #7 SPACE FRAME Symmetric  
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Linear spread lens

Description	Part ID	Additional information
Linear spread lens IO-180	161-5989	Broadens light distribution in one plane only. Suitable for luminaires with [M] and [EE] distributions. Internal component; factory installed.



Wallwash lens

Description	Part ID
IO-20	161-5988

