

FIL 45

Direct Linear Luminaire



DESCRIPTION

FIL 45 is designed to satisfy linear interior lighting applications with combinations of low-brightness direct or direct-indirect diffused optics suitable for most typical settings. Mounting options include standard suspended mounting from ceilings or optional wall brackets to visually expand the space by illuminating vertical surfaces. FIL45 may be used as a standalone single linear pendant or combined into continuous rows with optional hardware. The Well-Being model incorporates additional diffusion combined with high 97-CRI LEDs to deliver even more effective low-brightness illumination with high color rendering to enhance human-centric settings. The Tech model replaces the diffused lens with a black polycarbonate reflector for increased light and glare control, making it ideal for eye-level scenarios.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____



ORDERING INFORMATION

LUMINAIRE									
MODEL	LENGTH	OUTPUT	CRI	CCT	CONTROL	VOLTAGE	OPTIC	FINISH	OPTION
FIL45-D Fil 45 Direct	2.8 2.8'	SO Standard Output ¹	80 80 CRI	27K 2700K	ON-OFF On/Off	UNV 120-277v	OP Opal Diffused Lens	AG Anthracite Grey	EM Emergency Battery Backup ⁴
	3.7 3.7'	HO High Output	90 90 CRI ³	30K 3000K	DIM 0-10v Dimming		OPC ^{1,2} Opal Comfort Diffused Lens	BL Black	
	4.6 4.6'			35K 3500K				WH White	
	5.5 5.5'			40K 4000K				CC Custom RAL Color	
	6.4 6.4' ²								
7.3 7.3' ²									

Mounting options are sold separately. See Page 4 for ordering information of available accessories.

Fil45 is continuous run capable. Consult the factory for assistance in configuring your system.

¹Standard Output required on Opal Comfort variants.

²6.4' and 7.4' lengths are not available on Opal Comfort variants.

³90 CRI only available on Opal Comfort variants.

⁴Emergency Battery Backup operates for a minimum of 90 minutes. Only available on 6.4'+ with dimming control or 5.5'+ with on/off control.



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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear online are the most recent ones available. ¹Consult the factory to verify current status of BAA/TAA/BABAA compliance.

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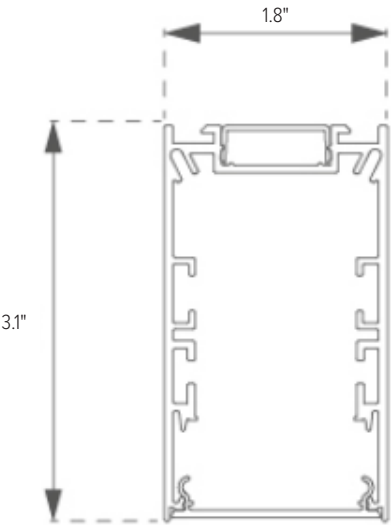


					LAMP FIL 45 DIRECT								
PHYSICAL	HOUSING				Recycled Aluminum Extrusion								
	LENS				Opal				Opal Comfort				
					Translucent Polycarbonate Diffuser				Translucent Polycarbonate Diffuser with Optical Sheet for Increased Visual Comfort				
	MOUNTING				Suspended Surface, Surface, Ceiling, or Wall Mounting Options (Sold Separately)								
	DRIVER LOCATION				Integral								
	DIMENSIONS				2.8'	3.7'	4.6'	5.5'	6.4'	7.3'			
					33.1" x 1.8" x 3.1"	44.1" x 1.8" x 3.1"	55.1" x 1.8" x 3.1"	66.1" x 1.8" x 3.1"	77.2" x 1.8" x 3.1"	88.2" x 1.8" x 3.1"			
	CONTINUOUS RUN				Continuous Run Capable with FIL45-COUPLER Accessory (See page 4 for more information.) Connect multiple luminaires for custom lengths and avoid multiple power drops. Consult factory for assistance.								
	WEIGHT				2.8'	3.7'	4.6'	5.5'	6.4'	7.3'			
					4.07 Pounds	5.29 Pounds	6.61 Pounds	7.71 Pounds	9.25 Pounds	10.58 Pounds			
	OPERATING TEMPERATURE				-40°F to 122°F (-40°C to 50°C)								
	CABLE FINISH				White Cable for White Luminaires; All Others are Black								
END CAP FINISH				End Cap Finish Equivalent to Luminaire Finish									
ELECTRICAL	VOLTAGE				120-277 Volts								
	CONTROL				On/Off, 0-10v Dimming								
	EMERGENCY BATTERY BACKUP				90 Minute Operation, Available on 5.5'+ Lengths (On/Off) or 6.4' Lengths (Dimming)								
PHOTOMETRIC	LUMEN MAINTENANCE				L80 > 70,000 Hours at 77°F*								
	CRI				80 or 90 CRI								
LIGHT DISTRIBUTIONS	OUTPUT	OPTIC	CCT	CRI	2.8'			3.7'			4.6'		
					LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY
	STANDARD OUTPUT	OPAL	3000K	80	1292	13.3	97	1722	17.5	98	2153	20.3	106
			4000K	80	1354	13.3	102	1805	17.5	103	2257	20.3	111
		OPAL COMFORT	3000K	80	1441	15.6	92	1922	20.9	92	2401	25.9	93
			4000K	80	1512	15.6	97	2017	20.9	97	2521	25.9	97
	HIGH OUTPUT	OPAL	3000K	80	2796	30.4	92	3728	40.3	93	4660	49.1	95
			4000K	80	2930	30.4	96	3907	40.3	97	4884	49.1	99
	OUTPUT	OPTIC	CCT	CRI	5.5'			6.4'			7.3'		
					LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY
	STANDARD OUTPUT	OPAL	3000K	80	2583	24.7	105	3014	27.8	108	3444	37	93
			4000K	80	2708	24.7	110	3160	27.8	114	3611	37	98
		OPAL COMFORT	3000K	80	2881	30.8	94	6.4' and 7.3' sizes are unavailable on Opal Comfort variants.					
			4000K	80	3026	30.8	98						
	HIGH OUTPUT	OPAL	3000K	80	5592	58.7	95	6524	68.9	95	7456	80.6	93
			4000K	80	5860	58.7	100	6837	68.9	99	7814	80.6	97
Values based on full output.													
CERTIFICATIONS	SAFETY				CSA Certification								
	INGRESS PROTECTION				IP20								
	IMPACT RATING				IK07								
	WARRANTY				Five Year Limited Warranty								

DIMENSIONS

All dimensions are shown in inches unless otherwise noted. Side view shown.

DIMENSIONS	2.8'	3.7'	4.6'	5.5'	6.4'	7.3'
	33.1" x 1.8" x 3.1"	44.1" x 1.8" x 3.1"	55.1" x 1.8" x 3.1"	66.1" x 1.8" x 3.1"	77.2" x 1.8" x 3.1"	88.2" x 1.8" x 3.1"



* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

ACCESSORIES

NOTE: Accessories are ordered and shipped separately from luminaire for field installation. Accessories are sold individually unless otherwise noted.
-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.



FIL45-5-CBL

5' Quick-Adjust Suspension Cable



FIL45-10-CBL

10' Quick-Adjust Suspension Cable



FIL45-SR-BRKT

(2) Surface Mounting Bracket



FIL45-COUPLER

Coupler Assembly to Join
Luminaires for Continuous Run



FIL45-WL-BRKT-XX*

(2) Wall Mounting Bracket for
Mounting 50mm from Wall



FIL45-SF-CAN-XX*

Surface Mounted Ceiling Canopy



FIL45-SF-DECO-CAN-XX*

Deco Surface Mounted Ceiling
Canopy



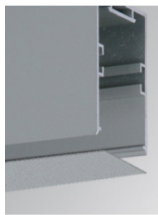
FIL45-EC-XX*

End Cap



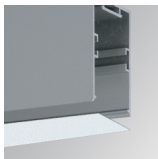
FIL45-SF-PROF-XIN-XX**

FIL45 Extrusion, Custom Length
*Specify Length in Feet up to 9.8'.



FIL45-CVR-XIN-XX**

FIL45 Painted Cover, Custom Length
*Specify Length in Feet up to 9.8'.



FIL45-OP-LENS-XIN¹

Opal Diffused Lens, Custom Length
¹Specify Length in Feet up to 9.8'.

ORDERING INFORMATION

PAINTED ACCESSORIES	
MODEL	FINISH (*-XX)
FIL45-WL-BRKT (2) Wall Mounting Brackets	AG Anthracite Grey
FIL45-SF-CAN Surface Mounted Ceiling Canopy	BL Black
FIL45-SF-DECO-CAN Deco Surface Mounted Ceiling Canopy	WH White
FIL45-EC End Cap	
FIL45-SF-PROF-X*IN Custom Length Extrusion; Specify Length in Inches	
FIL45-CVR-X*IN Custom Length Painted Cover; Specify Length in Inches	
FIL45-OP-LENS-X*IN Custom Length Opal Lens; Specify Length in Inches	

