

Specification Data



Performance Summary	Independent Up Down Control
	D
Light (lm)	4450
Energy (W)	38
Efficacy (lm/W)	119
Color Rendering (CRI)	80+
Color Accuracy (SDCM)	< 2
L70 Estimate (h)	200,000
Lumen Maintenance per TM21 (@ 60,000 h)	L90

SPECIFICATION

PF3		B																	
1	2	3	4	5	6	7	8	9	10	11									
											OPTIONS								

1. FAMILY	2. ENDCAP	3. OPTICAL DISTRIBUTION	4. ENERGY ¹	5. CCT	6. FINISH ²	7. LENGTH
PF3 Profile U D	A Angle	B Independent Up Dn Control	D 38 W	30 3000 K	A Clear Anodized	04 4 ft
	B Bevel			35 3500 K	B Black Powdercoat	06 6 ft
	F Flat			40 4000 K	S Metallic Silver Powdercoat	08 8 ft
	P Capsule			W White Powdercoat	xx x ft ³	
	R Radius		C Custom Color (RAL)			
	S Square					
	W Wing					
8. CEILING TYPE	9. DRIVER	10. VOLTAGE		11. SUSPENSION	OPTIONS	
D Drywall G Grid S Structure R Remote Integrated driver with mounting, power feed, suspension + canopy, except fo remote	E1 eldoLED ECO 0-10V Dim 1%	M 120 - 277 V		03 ≤ 3 ft	B Battery Pack ⁶	
	E2 eldoLED SOLO 0-10V Dim 0.1%	3 347 V ⁵		06 ≤ 6 ft	C Chicago Plenum	
	E3 eldoLED ECO DALI 1%			12 ≤ 12 ft		
	E4 eldoLED SOLO DALI Dim 0.1%			25 ≤ 25 ft		
	F1 Factory Non- Dim					
	F2 Factory 0-10V Dim 3%					
	F3 Factory 0-10V Dim 3% (Class 2 control wiring) ⁴					
L1 Lutron Hi-Lume 1%-H EcoSystem						

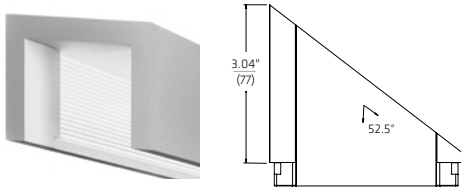
NOTES					
¹ Nominal values / 4 ft at 120 - 277 V & 347 V For 347 V with E1-4/L1 add 4 W to above	² Fixture finish only. Canopies are standard white	³ Specify run length in 2' nominal increments	⁴ In 347V only	⁵ 347 V Driver for F1/F3 347 V Transformer & Driver for E1-4/L1	⁶ Available for (C) Grid, (R) Remote and (S) Structure Available for 120 - 277V

ENDCAP DIMENSIONS

inches
(mm)

(A) ANGLE

Bottom view



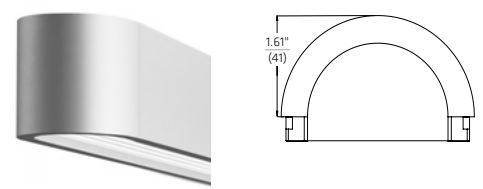
(F) FLAT

Side view



(P) CAPSULE

Bottom view



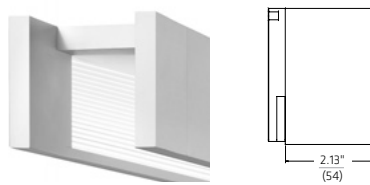
(B) BEVEL

Side view



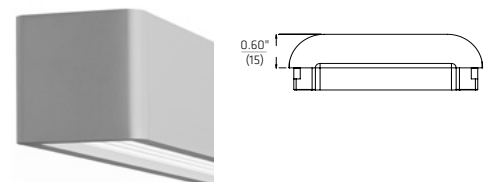
(W) WING

Side view

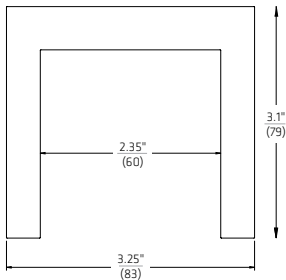


(R) RADIUS

Bottom view

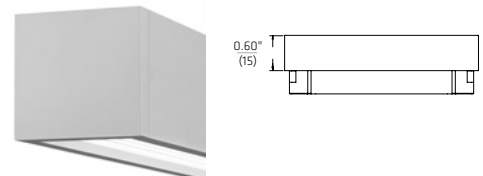


CROSS SECTION - ALL ENDCAPS



(S) SQUARE

Bottom view



INDEPENDENT UP | DOWN LIGHTING CONTROL



Profile U|D provides fully dimmable or switchable independent control of the indirect and direct distributions. Ideal for multipurpose rooms and spaces with presentation, projection or video conferencing requirements; the separated circuitry allows simple adjustment of the proportions of up | down light to suit the lighting and energy needs of the space and people in the environment.

Profile U|D is available with a native distribution of 55 Up | 45 Dn with a maximum total delivered output of 4450 lumens.

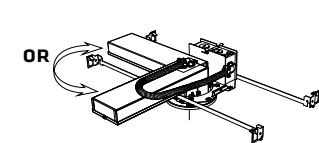
Integrated Driver, Mounting, Power Feeds + Suspension

Refer to separate product specification datasheets for detailed dimensions of mounting hardware components, driver enclosures, canopies and wiring

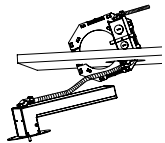
(D) DRYWALL

New or Retrofit

Integrated driver, power feed and mounting suspension points suitable for GWB or plaster thicknesses of < 0.875" (22 mm)



Perpendicular or Parallel



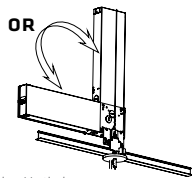
Retrofit Method

- ☒ 120-277V
- ☒ 347V
- ☒ Battery Pack
- ☒ 0-10V Dim
- ☒ Lutron
- ☒ eldoLED

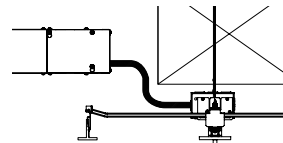
(G) GRID

ON or OFF Grid

Integrated clip, driver, power feed and mounting suspension points suitable for accessible ceiling grid heights of < 1.75" (44mm)



Horizontal or Vertical



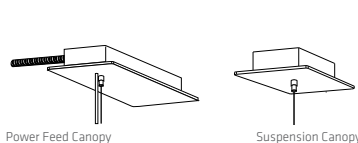
Detached Method

- ☒ 120-277V
- ☒ 347V
- ☒ Battery Pack
- ☒ 0-10V Dim
- ☒ Lutron
- ☒ eldoLED

(S) STRUCTURE

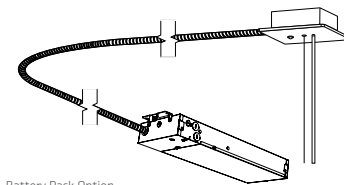
Exposed Ceilings

Integrated driver with mounting, power feed, suspension + canopy suitable for exposed surface conduit or recessed junction boxes



Power Feed Canopy

Suspension Canopy

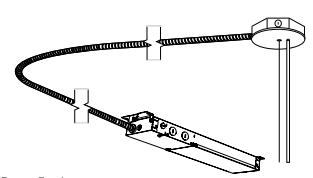


Battery Pack Option

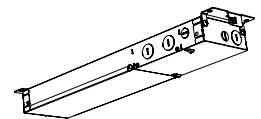
- ☒ 120-277V
- ☒ 347V
- ☒ Battery Pack
- ☒ 0-10V Dim
- ☒ Lutron
- ☒ eldoLED

(R) REMOTE

External remote mounted driver. Power feed and suspension points suitable for exposed conduit or recessed junction boxes



Power Feed



Multivolt 120 - 277 V driver

- ☒ 120-277V
- ☒ 347V
- ☒ Battery Pack
- ☒ 0-10V Dim
- ☒ Lutron
- ☒ eldoLED

Recommended Wire Gauge for Minimal Losses (AWG)

30ft. | 18 ga. 50ft. | 14 ga. 80ft. | 12 ga.

CONSTRUCTION

- Anodized, extruded + machined architectural grade aluminum
- Precision machined aluminum joints and endcaps are factory preinstalled for seamless fit
- Stainless steel fasteners
- 0.04" (1.0 mm) stainless steel aircraft cable suspensions
- Clear anodized surface finish or powdercoated in white, metallic silver or black, canopies in white as standard

OPTICAL

- Anidolic optical structures with linear light extraction elements
- Precision extruded high transmittance clear acrylic lenses
- Long life mid-flux LED system designed for typical TM21 lumen maintenance \geq L90 @ 60,000 h
- Available in 3000 K, 3500 K or 4000 K with CRI \geq 80 and R9 \geq 0, all with color accurate binning \leq 2 SDCM

ELECTRICAL

- No electrical connections are required at fixture level for installation; shipped with LV power cords factory preinstalled
- Agnostic driver design for simple integration with any sensor, lighting control or building energy management system
- High efficiency multivolt drivers for 120-277V or 347V; 50 - 60 Hz integrated with suspension and mounting canopy components
- Power Factor $>$ 0.90
- Total Harmonic Distortion $<$ 20%
- F2:0 - 10 V Dim Range: 3%
- Optional Battery Pack
- Optional Lutron: Hi-lume H-Series EcoSystem LED drivers for 100 - 1% (PWM) dim range

WEIGHT

- Fixture Only: ~ 2.0 lb./ft. (3 kg/m)

WARRANTY

- 5 year limited warranty on all components and workmanship

ENVIRONMENTAL

- Designed for use in damp or dry indoor environments with room side operating temperatures of 0 - 30° C (32 - 86° F)


INDEPENDENT TESTING

- IESNA LM79
- IESNA LM80 (LED@ 10,000 h)

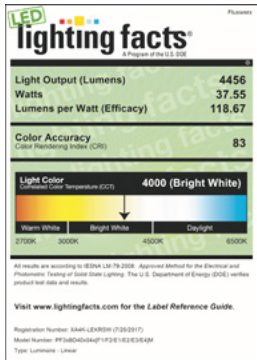
APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- DesignLights Consortium®
- Lighting Facts®

Product	Profile Suspended	Description	Performance Summary		Light (lm)	Energy (W)	Efficacy (lm/W)	Color Accuracy				
Version	PF3-BD40	IND. UP DN D Lumens CCT 4000 K	CCT Color Temperature	4000 K	4456	37.55	118.7	83.3	9.4	< 2		
Report	11692617.10			3500 K	4314	37.55	114.9	83.3	9.4	< 2		
				3000 K	4171	37.55	111.1	82.7	4.4	< 2		



59.7% Up | 40.3% Dn



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	22.5°	45°	67.5°	90°	
0°	384	384	384	384	384	
5°	384	385	398	412	418	40
15°	373	417	508	563	579	140
25°	351	463	581	626	636	249
35°	318	481	583	589	580	329
45°	275	465	525	475	409	344
55°	223	417	401	251	239	290
65°	163	345	209	178	172	222
75°	99	208	115	93	88	135
85°	37	69	35	22	19	46
90°	9	42	37	24	18	
95°	38	105	208	145	114	145
105°	110	178	521	525	446	397
115°	176	231	575	969	991	572
125°	227	277	519	894	1033	520
135°	272	310	479	746	861	407
145°	314	331	422	578	657	287
155°	351	356	388	443	472	186
165°	377	378	384	394	399	110
175°	391	391	392	392	391	37
180°	393	393	393	393	393	

Zone	Lumens	% Lamp	% Fixture
0-30°	429	N.A.	10
0-60°	1391	N.A.	31
0-90°	1795	N.A.	40
90-180°	2661	N.A.	60
Total Luminaire 0-180°	4456	N.A.	100

Vertical Angle	0°	45°	90°
45°	4948	5534	3730
55°	4841	4380	2205
65°	4631	2450	1654
75°	4287	1502	907
85°	3520	525	224

	80			70			20			50			30			10			0		
Floor																					
Ceiling																					
Wall																					
0	105	105	105	105	95	95	95	78	78	62	62	47	47	40							
1	95	91	87	83	87	83	76	68	63	54	51	41	39	33							
2	87	79	73	68	78	72	62	59	52	47	42	36	33	27							
3	79	69	62	56	71	63	52	52	43	41	35	32	27	23							
4	72	61	53	47	65	56	43	46	37	37	30	28	23	19							
5	66	54	46	40	60	49	37	41	31	33	26	25	20	17							
6	60	48	40	34	55	44	32	36	27	29	22	23	17	14							
7	56	43	35	30	50	40	28	33	24	26	19	20	15	13							
8	52	39	31	26	47	36	24	30	21	24	17	19	14	11							
9	48	36	28	23	43	33	21	27	18	22	15	17	12	10							
10	45	33	25	21	40	30	19	25	16	20	14	16	11	9							

Integrating Sphere and Photometric results at 4000K by an independent accredited testing laboratory per IES LM-79-2008 and ANSI C78.377-2011. Results for 3000K & 3500K scaled based on integrating sphere results at 38W (D) and PF1-A. Candlepower Distribution scaled per total lumens of Integrating Sphere results.