

covelight™ 47/58



features

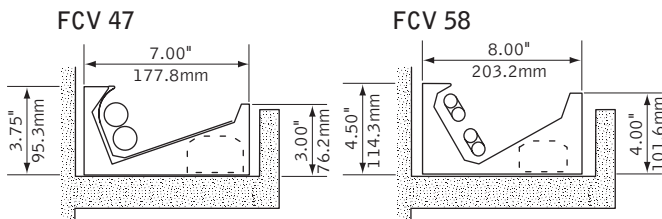
High performance indirect luminaire designed for concealed cove applications.

Multiple lamp configurations provide maximum flexibility.

Continuous run lengths may be configured with combinations of luminaire lengths up to 8'.

Covelight™ provides pleasing and even illumination that highlights architectural details.

dimensional data



lamping options

fcv 47



T8 LAMPS



BIAX LAMPS

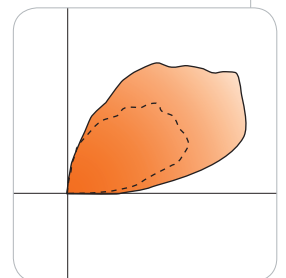
fcv 58



BIAX LAMPS

performance

1-Lamp T8
72.5% Efficiency
1254 cd @ 125°



Visit focalpointlights.com for complete photometric data.

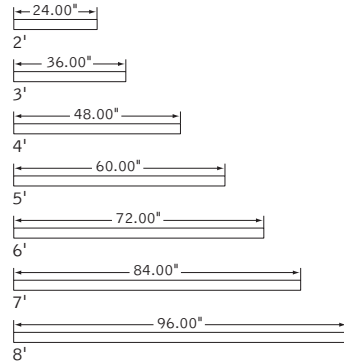
fixture:

project:

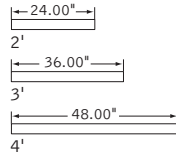
details

fixture lengths

fcv47



fcv58



specifications

construction

20 Ga. steel housing.
 20 Ga. steel socket bridges and end caps.
 Luminaires are available up to 8' nominal lengths.

4' unit weight: 13 lbs
 8' unit weight: 23 lbs

optic

Die-formed .02" specular aluminum reflector.

electrical

Luminaires are individually wired for specified circuits.
 Electronic ballasts are thermally protected and have a Class "P" rating.
 Consult factory for dimming specifications and availability.
 UL and cUL listed.

finish

Polyester powder coat applied over a 5-stage pre-treatment.
 Standard luminaire housing finished in High Reflectance White.

ordering

luminaire series		FCV
CoveLight	FCV	_____

profile		_____
4" x 7"	47	_____
5" x 8"	58	_____

lamping		_____
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40 Watt Biax	BX40	_____
50 Watt Biax	BX50	_____
55 Watt Biax (4" x 7" one lamp only) (5" x 8" two lamp only)	BX55	_____
One Lamp T8	1T8	_____
Two Lamp T8 (T8 available on 4" x 7" only)	2T8	_____

circuit		_____
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Single Circuit	1C	_____
Dual Circuit (Two lamps only)	2C	_____

voltage		_____
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120 Volt	120	_____
277 Volt	277	_____
347 Volt	347	_____

ballast		_____
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Electronic Instant Start <20% THD	E	_____
Electronic Program Start <10% THD	S	_____
Electronic Dimming Ballast*	D	_____

mounting		CV
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Cove	CV	_____
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factory options

Emergency Circuit*	EC	_____
Emergency Battery Pack*	EM	_____
HLR/GLR Fuse	FU	_____
Include 3000K Lamp	L830	_____
Include 3500K Lamp	L835	_____
Include 4100K Lamp	L841	_____

finish		HW
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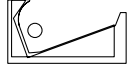
High Reflectance White	HW	_____
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luminaire length

Designate length in feet (Nominal lengths: 2',3',4',5',6',7',8')	XX'	_____
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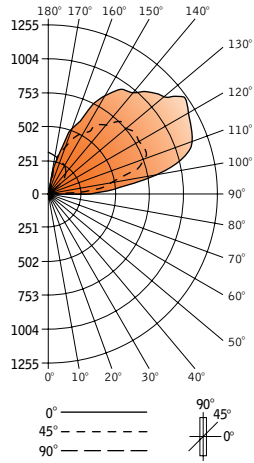
* for more information see Reference section.

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Filename: FCV471T8.IES
 Catalog #: FCV-47-1T8-1C-120-E-HW-4'
 Efficiency: 72.5%
 Test #: 8968.2

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	0	0	0	0	0
5°	0	0	0	0	0
15°	0	0	0	0	0
25°	0	0	0	0	0
35°	0	0	0	0	0
45°	0	0	0	0	0
55°	0	0	0	0	0
65°	0	0	0	0	0
75°	0	0	0	0	0
85°	78	56	9	0	15
90°	238	211	139	47	0
95°	440	411	324	181	8
105°	805	766	644	364	35
115°	1175	1109	840	425	77
125°	1254	1114	819	448	120
135°	1121	1021	788	463	166
145°	921	849	673	440	208
155°	760	701	579	408	240
165°	570	540	469	375	262
175°	376	364	336	309	272
180°	283	283	283	283	283

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt	
90°-120°	883	31.0	42.7	
90°-130°	1253	44.0	60.7	
90°-150°	1786	62.7	86.4	
90°-180°	2051	72.5	99.3	
Total Luminaire	0°-180°	2066	72.5	100.0

Go to www.focalpointlights.com for additional photometric data.

covelight standard run length

Continuous Runs consist of standard fixture lengths. Some fixtures may exceed nominal length consult individual cut sheets for details.

Example: 31' run = three 8' fixtures and one 7' fixture.

nominal run length (in feet)	standard fixture lengths required	lamp sizes	nominal run length (in feet)	standard fixture lengths required	lamp sizes
2	2	2	32	8 8 8 8	4 4 4 4 4 4 4 4
3	3	3	33	8 8 8 6 3	4 4 4 4 4 4 3 3 3
4	4	4	34	8 8 8 6 4	4 4 4 4 4 4 4 3 3
5	5	5	35	8 8 8 8 3	4 4 4 4 4 4 4 4 3
6	6	3 3	36	8 8 8 8 4	4 4 4 4 4 4 4 4 4
7	7	4 3	37	8 8 8 6 7	4 4 4 4 4 4 4 3 3 3
8	8	4 4	38	8 8 8 8 6	4 4 4 4 4 4 4 4 3 3
9	6 3	3 3 3	39	8 8 8 8 7	4 4 4 4 4 4 4 4 4 3
10	6 4	3 3 4	40	8 8 8 8 8	4 4 4 4 4 4 4 4 4 4
11	8 3	4 4 3	41	8 8 8 8 6 3	4 4 4 4 4 4 4 4 3 3 3
12	8 4	4 4 4	42	8 8 8 8 6 4	4 4 4 4 4 4 4 4 4 3 3
13	7 6	4 3 3 3	43	8 8 8 8 8 3	4 4 4 4 4 4 4 4 4 4 3
14	8 6	4 4 3 3	44	8 8 8 8 8 4	4 4 4 4 4 4 4 4 4 4 4 4
15	8 7	4 4 4 3	45	8 8 8 8 7 6	4 4 4 4 4 4 4 4 4 3 3 3
16	8 8	4 4 4 4	46	8 8 8 8 8 6	4 4 4 4 4 4 4 4 4 4 3 3
17	8 6 3	4 4 3 3 3	47	8 8 8 8 8 7	4 4 4 4 4 4 4 4 4 4 4 3
18	8 6 4	4 4 4 3 3	48	8 8 8 8 8 8	4 4 4 4 4 4 4 4 4 4 4 4
19	8 8 3	4 4 4 4 3	49	8 8 8 8 8 6 3	4 4 4 4 4 4 4 4 4 4 3 3 3
20	8 8 4	4 4 4 4 4	50	8 8 8 8 8 7 3	4 4 4 4 4 4 4 4 4 4 4 3 3
21	8 7 6	4 4 4 3 3 3			
22	8 8 6	4 4 4 4 3 3			
23	8 8 7	4 4 4 4 4 3			
24	8 8 8	4 4 4 4 4 4			
25	8 8 6 3	4 4 4 4 3 3 3			
26	8 8 6 4	4 4 4 4 4 3 3			
27	8 8 8 3	4 4 4 4 4 4 3			
28	8 8 8 4	4 4 4 4 4 4 4			
29	8 8 7 6	4 4 4 4 4 3 3 3			
30	8 8 8 6	4 4 4 4 4 4 3 3			
31	8 8 8 7	4 4 4 4 4 4 4 3			