

DESIGNERLINE DIRECT/INDIRECT COVE

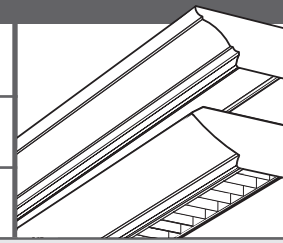
DC

SUBMITTAL:

JOB:

TYPE:

VOLTAGE:



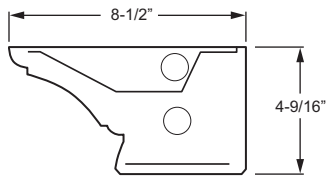
ClassicLine (CL) with AF

CurviLine (CV) with SAPL12

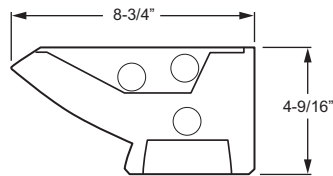
EXAMPLE DC CL - 4 - 132U/132D - F/F - AF - OPTIONS - EB1U/EB1D - UNV

SERIES STYLE NOMINAL LENGTH #LAMPS/TYPE UPLIGHT/DOWNLIGHT FIXT. END TYPE CAP SHIELDING OPTIONS BALLAST TYPE UPLIGHT/DOWNLIGHT VOLTAGE

DC SERIES



ClassicLine (CL)
Shown with AF shielding



CurviLine (CV)
Shown with SAPL12 shielding

ORDERING INFORMATION

SERIES
DC DesignerLine Direct/Indirect Cove

STYLE
CL ClassicLine
CV CurviLine

NOMINAL LENGTH			
2	2'	6	6'
3	3'	8	8'
4	4'		

TOTAL LAMPS
UPLIGHT
1, 2, or 4 1- or 2-lamp cross-section
DOWNLIGHT
1 or 2 1-lamp cross-section

LAMP WATTAGE/TYPE
Specify lamp wattage/type: **U** for uplight and **D** for downlight.
Example: 132U/132D

2' LAMP OPTIONS
14T5S 2', 14-watt T5 (1- or 2-lamp ballast[s] only)
17 2', 17-watt T8
24T5H 2', 24-watt T5HO

3' or 6' LAMP OPTIONS
21T5S 3', 21-watt T5 (1- or 2-lamp ballast[s] only)
25 3', 25-watt T8
39T5H 3', 39-watt T5HO

4' or 8' LAMP OPTIONS
28T5S 4', 28-watt T5 (1- or 2-lamp ballast[s] only)
32 4', 32-watt T8
54T5H 4', 54-watt T5HO

FIXTURE TYPE
F Electrical feeder unit, quick-connect wiring harness, left end cap installed
J Joiner unit, quick-connect wiring harness, no end caps
E End unit, quick-connect wiring harness, right end cap installed
S Stand-alone unit, two end caps installed

END CAP
F Flat ends
M Mitered ends (increases overall length, see back for details)

SHIELDING (Downlight only)
AF Frosted acrylic, .125" thick
A12125 Acrylic, pattern #12, .125" thick
SAPL12 Semi-specular aluminum parabolic louver, 1-1/4" deep

OPTIONS
For **color options**, visit the DC at hewilliams.com.
For generic **EM ballast** options (must specify voltage), see Information section. **Ballast size restrictions apply.**
C2 Two-circuit quick-connect wiring harness (see Information section for complete quick-connect offering)
GLR Fuse, fast blow (specify voltage, one per ballast)
CDC Clear flat dustcover (uplight only)
PDC Clear prismatic lens dustcover (uplight only)
AMW Anti-microbial white finish

BALLAST TYPE
For **dimming ballast** options, see Information section. **Ballast size restrictions apply.**

		EXAMPLE: EB2/2U/EB1D	
		CATALOG #	DESCRIPTION
UPLIGHT		EB1U	1-lamp electronic ballast
		EB2U	2-lamp electronic ballasts
		EB2/2U	(2) 2-lamp electronic ballasts
		EB4U¹	4-lamp electronic ballast ¹
DOWNLIGHT		EB1D	1-lamp electronic ballast
		EB2D	2-lamp electronic ballasts

VOLTAGE			
120	120V	UNV	120-277V
277	277V	347	347V

¹ Not available with T5S.

FEATURES

- ▶ Designed with the appearance of finely crafted carpentry.
- ▶ Precision reflectors and diffusing elements produce comfortable direct and indirect illumination in continuous row applications.
- ▶ Heavy-duty extruded aluminum housing ensures superior durability while providing crisp design detail.
- ▶ Sturdy mounting brackets make it easy to securely install and level fixtures.
- ▶ Optional clear or prismatic dustcover allows easy cleaning and prevents accumulation of dust and debris on uplight.
- ▶ Joiner and alignment system permits mounting in continuous rows with hairline seams that virtually disappear.
- ▶ Quick-connect polarized wiring allows easy wiring and service when used in continuous row applications.
- ▶ Optional anti-microbial powder coating helps prevent the growth of mold and bacteria.
- ▶ This fixture is proudly made in the USA.

SPECIFICATIONS

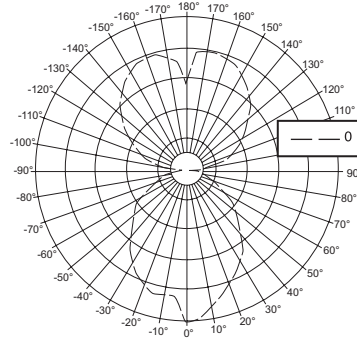
Housing – Extruded aluminum.
Weight – 5.5 lbs. per foot (approx.).
End Caps – Welded aluminum, seam-filled and ground at ends.
Reflective Surfaces – 92% minimum average reflective white polyester powder coat on interior steel components.
Shielding – Downlight only. Frosted acrylic, .125" thick.
Finish – Textured matte white polyester TGI powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
Electrical – Electronic ballast standard, instant start T8, program start T5, rated Class P.
Mounting – Wall.
Labels – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

PHOTOMETRY INFORMATION

Catalog #: **DCCL-4-132U/132D-A12125**

TEST REPORT INFORMATION

- ▶ Test Report #: DCCL-4-132U-132D-A12125
- ▶ Date: 08/19/13
- ▶ Lamp Type: 1F32T8/1F32T8
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle				Zonal Lumens	
	0°	90°	180°	270° 360°		
0°	795	795	795	795	795	
5°	781	698	668	754	781	18.2
15°	688	690	675	678	688	133.9
25°	604	586	604	566	604	238.4
35°	519	514	511	473	519	299.6
45°	387	402	393	433	387	319.6
55°	292	258	317	338	292	295.7
65°	178	163	192	219	178	232.1
75°	112	104	115	166	112	160.8
85°	56	57	40	93	56	124.4
90°	21	23	20	45	21	
95°	102	180	108	45	102	37.2
105°	215	433	214	86	215	186.4
115°	305	558	301	163	305	292.7
125°	383	628	399	277	383	357.3
135°	484	732	487	346	484	391.7
145°	550	750	564	441	550	383.1
155°	611	727	613	510	611	326.3
165°	636	715	628	604	636	236.2
175°	626	656	572	608	626	132.7
180°	451	451	451	451	451	

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	390.	6.7	9.4
0 - 40	690.	11.9	16.6
0 - 60	1305.	22.5	31.3
0 - 90	1823.	31.4	43.7
90 - 120	516.	8.9	12.4
90 - 130	874.	15.1	21.0
90 - 150	1648.	28.4	39.6
90 - 180	2344.	40.4	56.3
Total Luminaire:			
0 - 180	4166.	71.8	100.0

Total Luminaire Optical Efficiency: **71.8%**

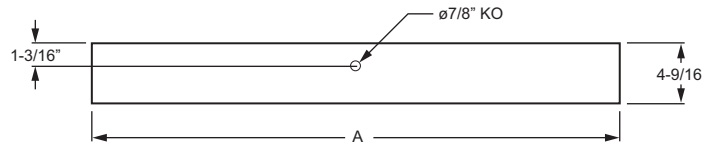
ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling			Wall			Floor		
	.80	.70	.50	.70	.50	.30	.50	.30	.10
0	.76	.76	.76	.69	.69	.69	.57	.57	.57
1	.68	.65	.62	.62	.59	.57	.49	.47	.45
2	.62	.56	.52	.56	.51	.47	.42	.39	.37
3	.56	.49	.44	.51	.45	.40	.37	.33	.30
4	.51	.43	.37	.47	.40	.34	.33	.29	.26
5	.47	.38	.32	.43	.35	.30	.29	.25	.22
6	.43	.34	.28	.39	.31	.26	.26	.22	.19
7	.40	.31	.25	.36	.28	.23	.23	.19	.16
8	.37	.28	.22	.33	.25	.20	.21	.17	.14
9	.34	.25	.20	.31	.23	.18	.19	.15	.13
10	.32	.23	.18	.29	.21	.16	.18	.14	.11

Effective Floor Cavity Reflectance = .20

FIXTURE DETAILS

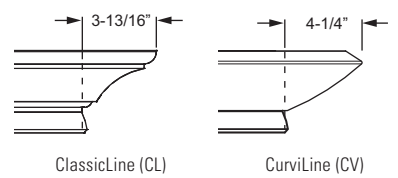
BACK VIEW



For actual lengths see table to the left.

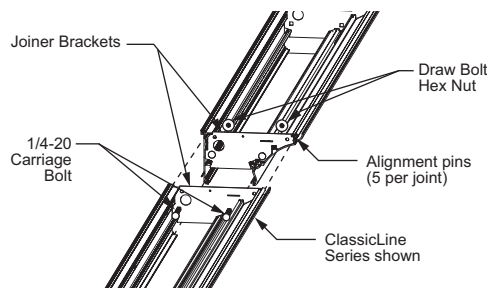
Note: Mitered ends add to overall length, see details at right.

MITERED END DETAILS

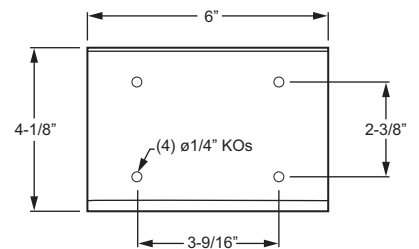


NOM. L.	ACTUAL LENGTH (A)	
	T5	T8
2'	22-13/16"	24-1/4"
3'	34-9/16"	36-1/4"
4'	46-3/8"	48-1/4"
6'	68-3/4"	72-1/8"
8'	92-5/16"	96-1/8"

MOUNTING DETAILS



WALL MOUNT BRACKET



FIXTURE TYPE DETAILS (CurviLine shown)

	F	J	E	S
Mitered				
Flat				

