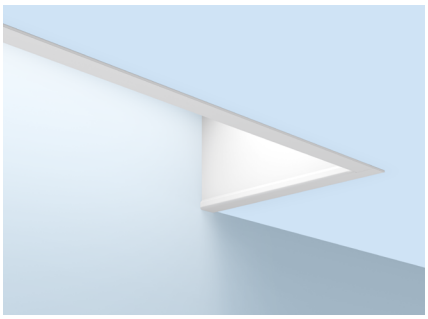
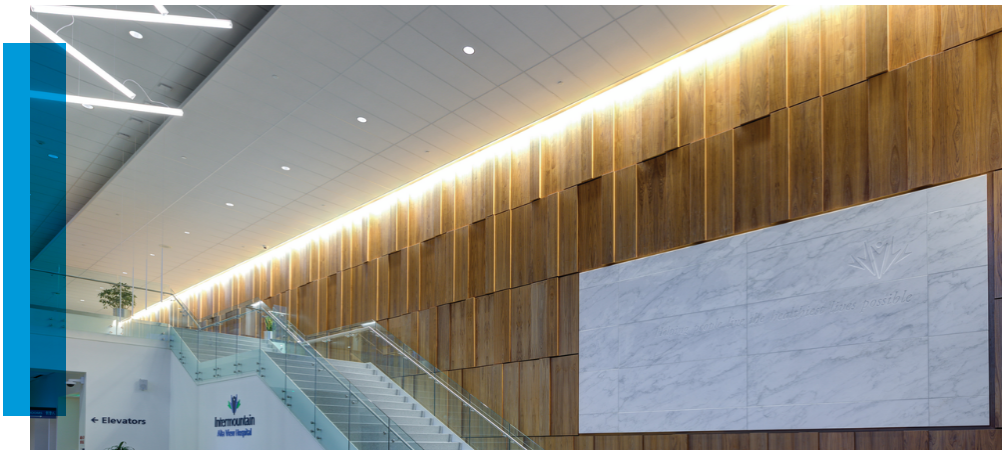
MARK ARCHITECTURAL LIGHTING

SPECIFICATIONS

TYPE:

PROJECT:





SLOT 6

PERIMETER
DC2DC ARCHITECTURE

HIGHLIGHTS

- Compact profile
- Uniform illumination along wall surface
- Extruded aluminum and sheet metal construction
- Regressed snap-in acrylic lens
- Field adjustable telescopic end, up to 12 inches
- Driver options for Dim to Dark
- White, black or silver paint with satin finish
- UGR data available on page 4.

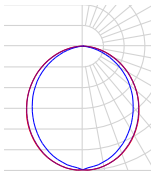
FIXTURE PERFORMANCE

	Direct*				
Nominal Lumens/Foot	300LMF	400LMF	600LMF	800LMF	1000LMF
Delivered Lumens/Foot	269	358	537	705	868
DC Input Watts/Foot**	2.40	3.16	4.68	6.31	7.90
Lumens/Watt	112	113	115	112	110

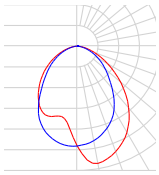
**Based on a 4FT 90CRI 35K fixture with 6" depth lens regress (6D), standard lambertian distribution, and flush lens (FLL)*
***Standard photometry based on AC wattage, DC wattage = AC wattage * .93.*
Note: *See page 6 for Device Addresses and Feed details.*

LOW UGR eldoLED

DIRECT DISTRIBUTION



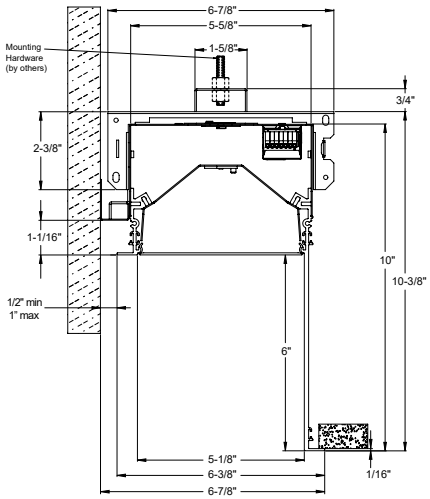
Lambertian (no optic)



Asymmetric (DAS)

DIMENSIONS

FL Trim with 6D Lens Regress



DIFFUSERS/SHIELDING

Flush Lens (FLL)

Continuous Lens (CLL) *40-foot maximum uninterrupted length

AcuityBrands

MARK ARCHITECTURAL LIGHTING™

Slot 6
Perimeter
DC2DC Architecture

ORDERING

Example: S6CD LOP 46FT6.625 6D TG 90CRI 40K 1500LMF SCT DARK CLL 57VDC AMF DALI W2P

Series
S6CD Slot 6 Perimeter Direct

Linear Plan
LOP Optimized Length

Total Run Length
_FT_ Specify continuous linear feet to nearest 1/8" increments starting at 2FT (Example 24' - 6 1/8" = 24FT6.125)

_FT[1] Specify continuous linear feet to whole foot increments starting at 2FT (Example: 24' = 24FT)

Unit length may affect available options.

For runs longer than 8FT: ALWAYS order the run by the TOTAL RUN LENGTH. Ordering the sections individually will not provide the correct joining hardware to allow run connections in the field.

1. Use whole foot increment when using ADJS or zoning options.

Lens Regress Depth
0D 0" Depth
1D[1] 1" Depth
4D[1] 4" Depth
6D[1] 6" Depth

1. Not available with Direct Distribution options.

Mounting
<blank> Fixed Length
ADJS[1,2] Field Adjustable (+0/-12") Section at End of Run

1. Supplied as a 4, 6, 7, or 8-foot individual or section at end of run. Left end is field trimmed to length.
2. Not available with DAS or CP options in entire run.

Ceiling Type
FL 5/8IN Flange (sheetrock)
TG Grid Ceiling: 9/16" Flat Tee with Lay-In Tile, 9/16" Flat Tee with Tegular Tile, 9/16" Slot Tee with Tegular Tile, 15/16" Flat Tee with Lay-In Tile, & 15/16" Flat Tee with Tegular Tile

Direct Light Source Color Rendering
90CRI 90CRI

Direct LED Color Temperature
27K 2700K
30K 3000K
35K 3500K
40K 4000K
50K 5000K

Direct LED Light Output
300LMF 300 Lumens per Foot
400LMF 400 Lumens per Foot
600LMF 600 Lumens per Foot
800LMF 800 Lumens per Foot
1000LMF 1,000 Lumens per Foot
_LMF Specify Lumens between 300LMF and 1000LMF in 50LMF increments.

Direct Distribution[1]
<blank> Lambertian
DAS Direct asymmetric distribution

1. Direct Distribution options are only available with FLL Direct Shielding and 0D Lens Regress Depth option.

Switching
SCT Single Circuit

Minimum Dimming Level
DARK Constant Current, Dimming to 0.1%

Optional Shielding
CLL[1,3] Continuous Flush Lens
FLL[2] Flush Lens

1. CLL is not available with DAS distribution.
2. When using distribution option, FLL will change to FLLC to designate a co-extruded lens with white and clear material.
3. 40-foot maximum uninterrupted length.

Voltage
57VDC 57VDC, Class 2 Only

Finish
WHTT White (Satin)
AMF Antimicrobial White
BLKT Black (Satin)
SLVT Silver (Satin)
RALTBD[1] RAL Paint Finish

1. RALTBD is for pricing only. Replace with applicable RAL number & sheen when placing order

Emergency Battery Packs
<blank> No Emergency Option
_EC Total Number of Emergency Circuits

Control Input
DALI eldoLED Driver DT6

END Option
W2W Wall to Wall (Both Ends Terminate at Wall)
P2P Pocket to Pocket (Both Ends Terminate at Ceiling)
N2N No Show Wall to No Show Wall (Both Ends Terminate at Wall)
W2P Wall to Pocket (Start Terminates at Wall & End Terminates at Ceiling)
P2W Pocket to Wall (Start Terminates at Ceiling & End Terminates at Wall)
N2P No Show Wall to Pocket (Start Terminates at Wall & End Terminates at Ceiling)
P2N Pocket to No Show Wall (Start Terminates at Ceiling & End Terminates at Wall
N2W No Show Wall to Wall (Both Ends Terminate at Wall)
W2N Wall to No Show Wall (Both Ends Terminate at Wall)

Primary Zone[1]
<blank> No Primary Zone
NS_ Primary Zone (Specify zone length in feet.)

1. Available in whole foot run length.

Secondary Zone[1]
<blank> No Secondary Zone
SNS_ Secondary Zone (Specify zone length in feet.)

1. Available in whole foot run length.

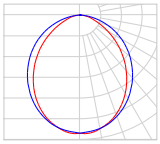
Tertiary Zone Indicator[1]
<blank> No Tertiary Zone
TNS_ Tertiary Zone (Specify zone length in feet.)

1. Available in whole foot run length.

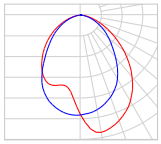
Options
<blank> No Options
CP[1] Chicago Plenum

1. Not available in a run with ADJS option.

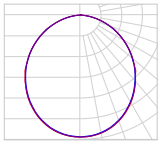
PHOTOMETRICS



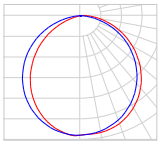
Test Report: ISF25 000770P3036
IES LM79-08
Catalog #: S6CD 4FT OD 90CRI 35K 1000LMF STD FLL
Lumens: 3718
DC Wattage: 31.62
Efficacy: 117.57



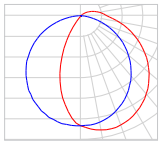
Test Report: ISF25 024633P363
IES LM79-08
Catalog #: S6CD 4FT OD 90CRI 35K 1000LMF DAS FLLC
Lumens: 4041
DC Wattage: 31.62
Efficacy: 127.80



Test Report: ISF25 024629P2303
IES LM79-08
Catalog #: S6CD 4FT OD 90CRI 35K 1000LMF STD CLL
Lumens: 3685
DC Wattage: 31.62
Efficacy: 116.54



Test Report: ISF25 025371P726
IES LM79-08
Catalog #: S6CD 4FT 1D 90CRI 35K 1000LMF STD FLL
Lumens: 3555
DC Wattage: 31.62
Efficacy: 112.43



Test Report: ISF25 025365P726
IES LM79-08
Catalog #: S6CD 4FT 6D 90CRI 35K 1000LMF STD FLL
Lumens: 3471
DC Wattage: 31.62
Efficacy: 109.77

PROJECT LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	10,000	60,000	100,000
Lumen Maintenance Factor	1	0.98	0.84	0.75

CCT SCALING CHART

CCT	CRI	MULTIPLIER	R9
27K	90CRI	0.9444	54.61
30K	90CRI	0.9722	69.01
35K	90CRI	1.0000	83.41
40K	90CRI	1.0278	91.19
50K	90CRI	1.0278	90.86

Lumen scaling charts can be used to approximate the lumen values at different Kelvin temperatures, color rendering indices, optics, or shielding.

Example: Calculating the lumen change from 90CRI 35K to 90CRI 40K = Lumen output for S6CD 4FT OD 90CRI 35K 1000LMF STD FLL (3718) x 1.0278 multiplier = 3821 lumen

REGRESS DEPTH SCALING CHART

LENS REGRESS DEPTH	MULTIPLIER
0D	1.00
1D	0.96
4D	0.95
6D	0.93

**Base fixture with Lambertian distribution, 0" depth lens regress (OD), and flush lens (FLL)*

OPTICAL SCALING CHARTS

DISTRIBUTIONS	MULTIPLIER
LAMBERTIAN	1.00
DAS	0.97
SHIELDING	**MULTIPLIER**
CLL	0.99
FLL	1.00

**Base fixture with Lambertian distribution and flush lens (FLL)*

50LMF INCREMENT SCALING CHART

	LUMEN	WATTAGE
NOMINAL LMF	MULTIPLIER	MULTIPLIER
300LMF	0.31	0.30
350LMF	0.36	0.35
400LMF	0.41	0.40
450LMF	0.46	0.45
500LMF	0.52	0.50
550LMF	0.57	0.54
600LMF	0.62	0.59
650LMF	0.67	0.64
700LMF	0.72	0.69
750LMF	0.76	0.75
800LMF	0.81	0.80
850LMF	0.86	0.85
900LMF	0.91	0.90
950LMF	0.96	0.95
1000LMF	1.00	1.00

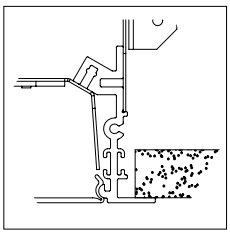
**Base fixture with 0" depth lens regress (OD), standard lambertian distribution, flush lens (FLL), and 1000LMF*

UGR CHART

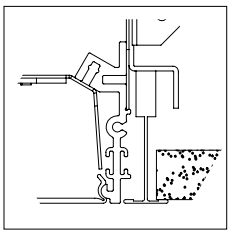
Lumen Package	UGR (70% 50% 20% reflectance using a 4H x 8H room size)								
	Crosswise								
	0D FLL Lambertian	0D CLL Lambertian	0D DAS	1D FLL Lambertian	1D CLL Lambertian	4D FLL Lambertian	4D CLL Lambertian	6D FLL Lambertian	6D CLL Lambertian
300LMF	21.7	21.4	16.8	19.4	19.3	19.2	19.1	19	18.9
400LMF	22.6	22.4	17.8	20.4	20.3	20.2	20.1	20	19.9
600LMF	23.4	23.1	19.2	21.8	21.7	21.6	21.5	21.4	21.3
800LMF	24	23.7	20.2	22.7	22.7	22.5	22.5	22.3	22.3
1000LMF	24.5	24.2	20.9	23.4	23.4	23.2	23.2	23	23
	Endwise								
	0D FLL Lambertian	0D CLL Lambertian	0D DAS	1D FLL Lambertian	1D CLL Lambertian	4D FLL Lambertian	4D CLL Lambertian	6D FLL Lambertian	6D CLL Lambertian
300LMF	19.1	21.4	18.5	21.2	21.1	22.9	22.85	24.6	24.6
400LMF	20	22.4	19.5	22.1	22.1	23.85	23.85	25.6	25.6
600LMF	20.8	23.1	20.9	23.6	23.5	25.3	25.25	27	27
800LMF	21.4	23.8	21.9	24.5	24.5	26.25	26.2	28	27.9
1000LMF	21.9	24.3	22.6	25.2	25.2	26.95	26.95	28.7	28.7

*UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR" and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.
**Click here for more information on: UGR FAQ

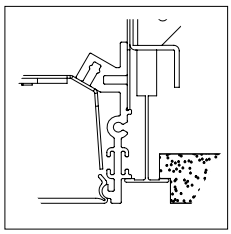
CEILING TRIMS



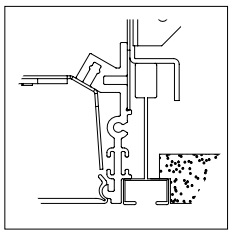
FL
5/8IN Flange (sheetrock)
Install Before Sheetrock



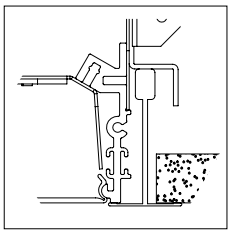
TG
9/16" Flat Tee w/ Lay-in Tile



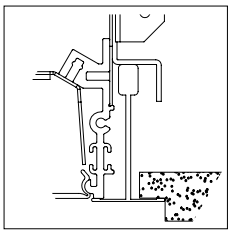
TG
9/16" Flat Tee w/ Tegular Tile



TG
9/16" Slot Tee w/ Tegular Tile



TG
15/16" Flat Tee w/ Lay-in Tile



TG
15/16" Flat Tee w/ Tegular Tile

LINEAR PLAN

Mark Lighting calculates a continuous run based on optimizing fixture section length and options selected.

LOP- Linear Optimized Length

This linear plan supplies the run length based on defined length combinations, resulting in an optimized solution with the fewest segements.

LOP	8FT	4FT	3FT

Total Run Length

This system is not modular. Runs longer than 8FT will be automatically configured with left, intermediate, and right sections based on nomenclature ordered. Always order the total run length required and not individual sections.

Example: This run to be ordered as one 32FT run.

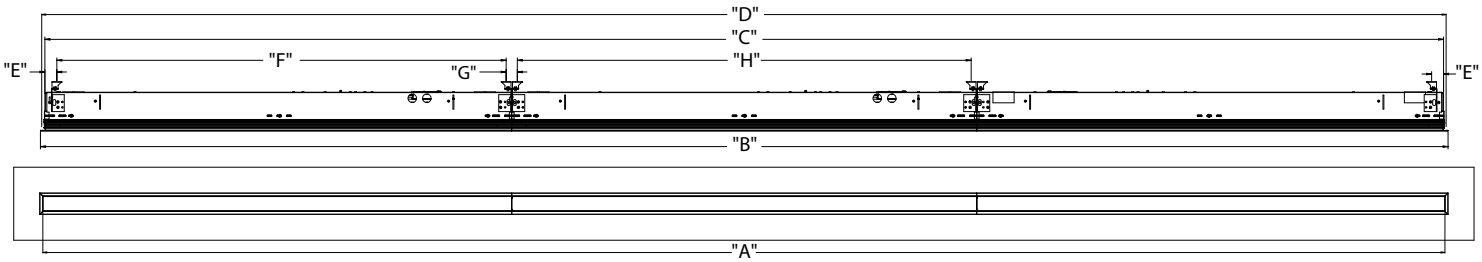
8FT	8FT	8FT	8FT

Example: This run to be ordered as four 8FT runs. Note: Individual fixtures sections cannot be joined together in the field.

8FT	8FT	8FT	8FT

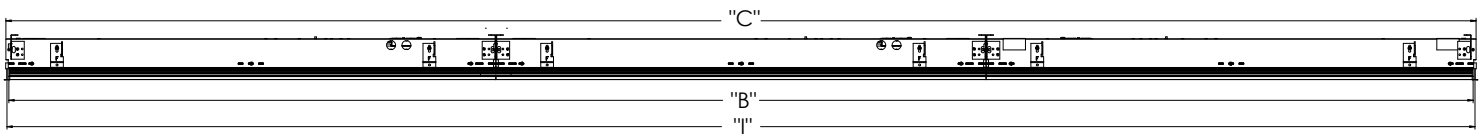
MOUNTING

FL Trim Run



FL Run Configurations							
"A" (Illuminated Lenth)	"B" (Trim Length)	"C" (Housing Lenth)	"D" (Cut Opening Lenth)	"E" (End Mounting Location	"F" (End Fixture Middle Mounting Point)	"G" (Mounting Point to Mounting Point)	"H" (Mounting Point to Mounting Point Intermediate Fixtures)
Order Length	Order length + 3/16" (W2W, W2N, N2W, N2N) Order length + 1 1/8" (P2P) Order length + 5/8" (W2P, P2W, N2P, P2N)	Order Length +3/8"	Order length + 13/16"	1 3/16"	Fixture length -1 1/2"	1 1/16"	Fixture length -1 1/16"

TG Trim Run



Grid Run Configurations			
"A" (Illuminated Lenth)	"B" (Trim Length)	"C" (Housing Lenth)	"I" (Grid Center to Center)
Order Length -13/16"	Ordered Length -5/8"	Order length -1/32"	Order length + 13/16"

MOUNTING (continued)

Ceiling Cut Out Dimensions

		2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
TG (BASED ON GRID CENTERLINE TO WALL SPACING)	GRID CL LENGTH(IN)	24	36	48	60	72	84	96
	GRID CL WIDTH(IN)	6.75-7.2	6.75-7.2	6.75-7.2	6.75-7.2	6.75-7.2	6.75-7.2	6.75-7.2
FL	LENGTH(IN) - W2W, W2N, N2W, N2N	24.18	36.18	48.18	60.18	72.18	84.18	96.18
	LENGTH(IN) - P2P	24.375	36.375	48.375	60.375	72.375	84.375	96.375
	LENGTH(IN) - W2P, P2W, N2P, P2N	24.25	36.25	48.25	60.25	72.25	84.25	96.25
	WIDTH(IN)	6.93-7.38	6.93-7.38	6.93-7.38	6.93-7.38	6.93-7.38	6.93-7.38	6.93-7.38

CEILING OPENING DIMENSIONS FOR INSTALLATION, +0.13"/-0.00"

FIXTURE DIMENSIONS AND WEIGHTS

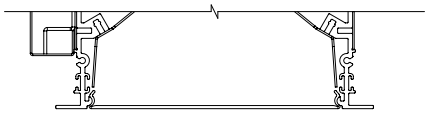
			2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
TG	Individual	GRID CL (IN)	24	36	48	60	72	84	96
		OVERALL LENGTH (IN)	23.375	35.375	47.375	59.375	71.375	83.375	95.375
		HOUSING LENGTH (IN)	23.969	35.969	47.969	59.969	71.969	83.969	95.969
		APERTURE (IN)	23.165	35.165	47.165	59.165	71.165	83.165	95.165
	Left or Right		2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
		GRID CL(IN)	24	36	48	60	72	84	96
		PRODUCT LENGTH(IN)	23.688	35.688	47.688	59.688	71.688	83.688	95.688
		HOUSING LENGTH(IN)	23.969	35.969	47.969	59.969	71.969	83.969	95.969
		APERTURE(IN)	23.567	35.567	47.567	59.567	71.567	83.567	95.567
	Intermediate		2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
		GRID CL(IN)	24	36	48	60	72	84	96
		PRODUCT LENGTH(IN)	24	36	48	60	72	84	96
		HOUSING LENGTH(IN)	23.969	35.969	47.969	59.969	71.969	83.969	95.969
		APERTURE(IN)	24	36	48	60	72	84	96

			2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
FL	Individual	APERTURE(IN)	24	36	48	60	72	84	96
		PRODUCT LENGTH(IN) - W2W, W2N, N2W, N2N	24.180	36.180	48.180	60.180	72.180	84.180	96.180
		PRODUCT LENGTH(IN) - P2P	25.125	37.125	49.125	61.125	73.125	85.125	97.125
		PRODUCT LENGTH(IN) - W2P, P2W, N2P, P2N	24.652	36.652	48.652	60.652	72.652	84.652	96.652
		HOUSING LENGTH(IN)	24.375	36.375	48.375	60.375	72.375	84.375	96.375
	Left		2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
		APERTURE(IN)	24	36	48	60	72	84	96
		PRODUCT LENGTH(IN) - W2x, N2x	24.090	36.090	48.090	60.090	72.090	84.090	96.090
		PRODUCT LENGTH(IN) - P2x	24.562	36.562	48.562	60.562	72.562	84.562	96.562
		HOUSING LENGTH(IN)	24.188	36.188	48.188	60.188	72.188	84.188	96.188
	Right	APERTURE(IN)	24	36	48	60	72	84	96
		PRODUCT LENGTH(IN) - x2W, x2N	24.090	36.090	48.090	60.090	72.090	84.090	96.090
		PRODUCT LENGTH(IN) - x2P	24.562	36.562	48.562	60.562	72.562	84.562	96.562
		HOUSING LENGTH(IN)	24.188	36.188	48.188	60.188	72.188	84.188	96.188
	Intermediate		2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
		APERTURE(IN)	24	36	48	60	72	84	96
		PRODUCT LENGTH(IN)	24	36	48	60	72	84	96
		HOUSING LENGTH(IN)	23.969	35.969	47.969	59.969	71.969	83.969	95.969

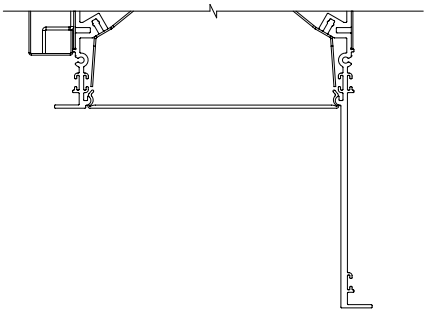
*All values rounded to +/- 1/16"

		2-Foot	3-Foot	4-Foot	5-Foot	6-Foot	7-Foot	8-Foot
Approximate Fixture Section Weights	WEIGHT(LBS)	13	18	22	31	35	39	44

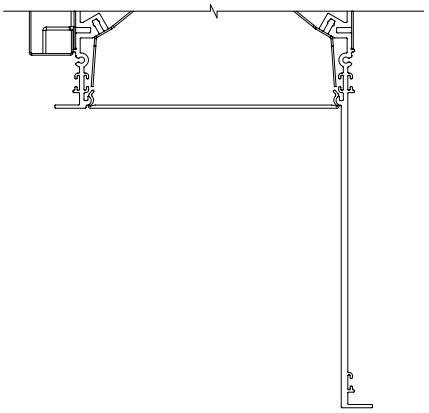
DIRECT SHIELDING & OPTIONS



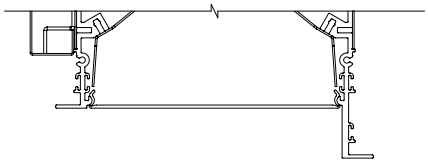
Flush Lens (FLL)
Continuous Lens (CLL)



4" Regress with
FLL or CLL



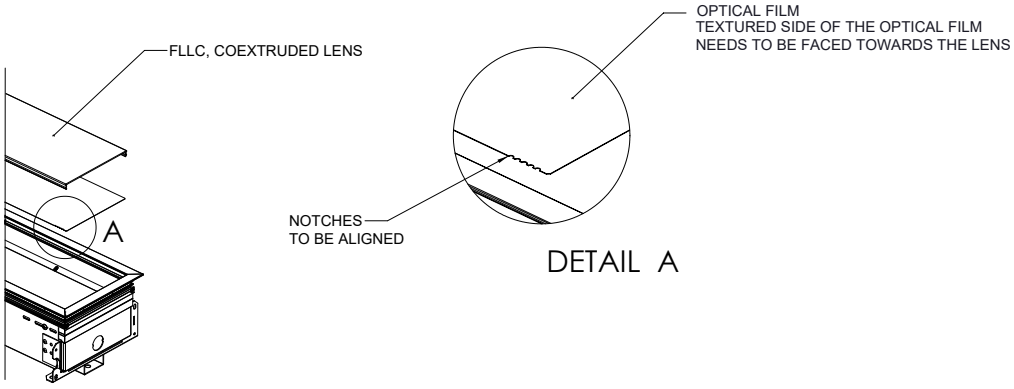
6" Regress with
FLL or CLL



1" Regress with
FLL or CLL

DIRECT DISTRIBUTION

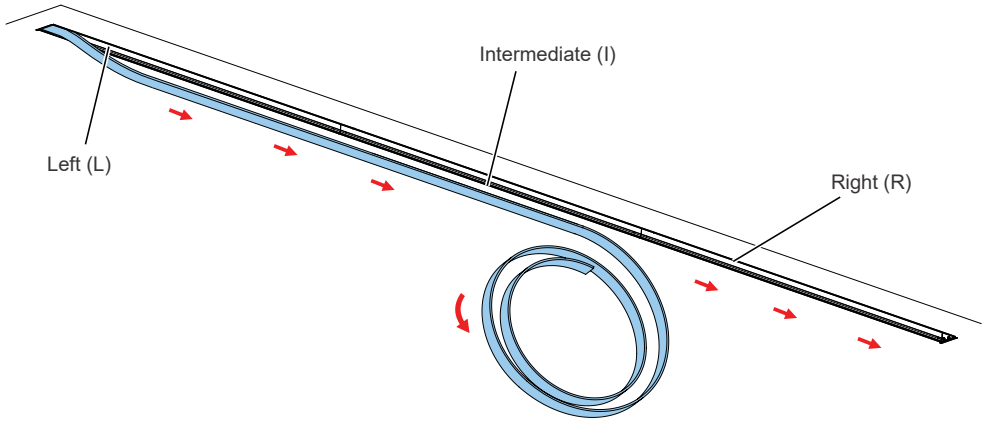
Optical Film for DAS distribution with co-extruded lens standard.
Direction of light for DAS distribution will be in the direction of the notches on the film.

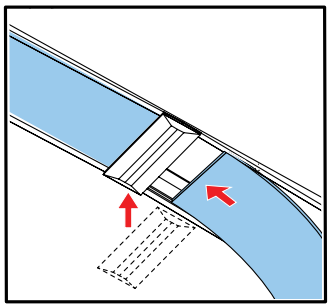


Optical Film	Number of Notches
Diffuser	4
Direct Asymmetric (DAS)	1

CONTINUOUS LENS

40-foot maximum uninterrupted length. From 40-foot 1/8-inch to 106-foot,visible joiner required and supplied with lens rolls. Joiner will match color of trim. Continuous lens and joiners, if required, ship separate from the fixture. Reference installation instructions for further details and steps.



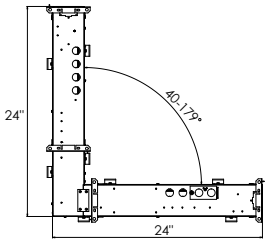


Continuous Lens Joiner Detail

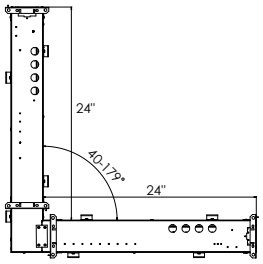
RUN PATTERNS, CORNERS,& JUNCTIONS

Patterns can be configured in 1' increments with illuminated L (corner), X, Y, & T connectors. Standard corner has 2' leg segments. Standard L (corner) connector angles are available in 40-179 degrees in 1 degree increments. Standard T & Y connector angles are available in 40-179 degrees in 1 degree increments. Standard X connector angle available in 40-90 degrees in 1 degree increments.

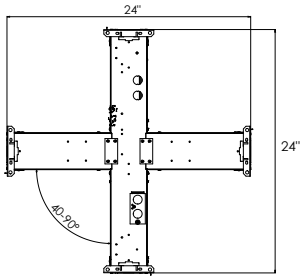
See separate pattern spec sheet for more details.



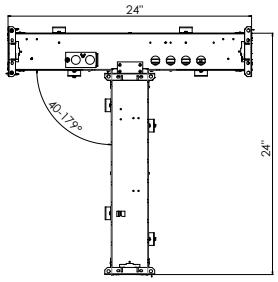
90GDO (Grid Outside Leg at 24")
90C (Sheetrock)



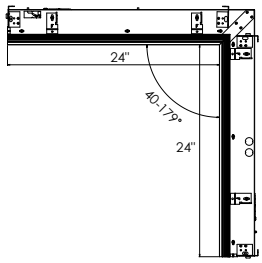
90 GDI (Grid Inside Leg at 24")



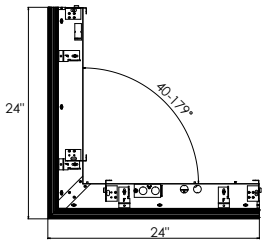
90X



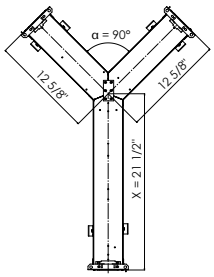
90T



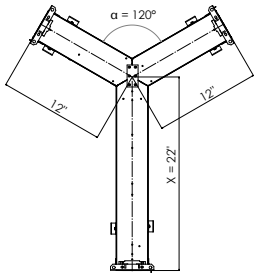
90VIC (Vertical Inside Leg at 24")



90VOC (Vertical Outside Leg at 24")



90Y

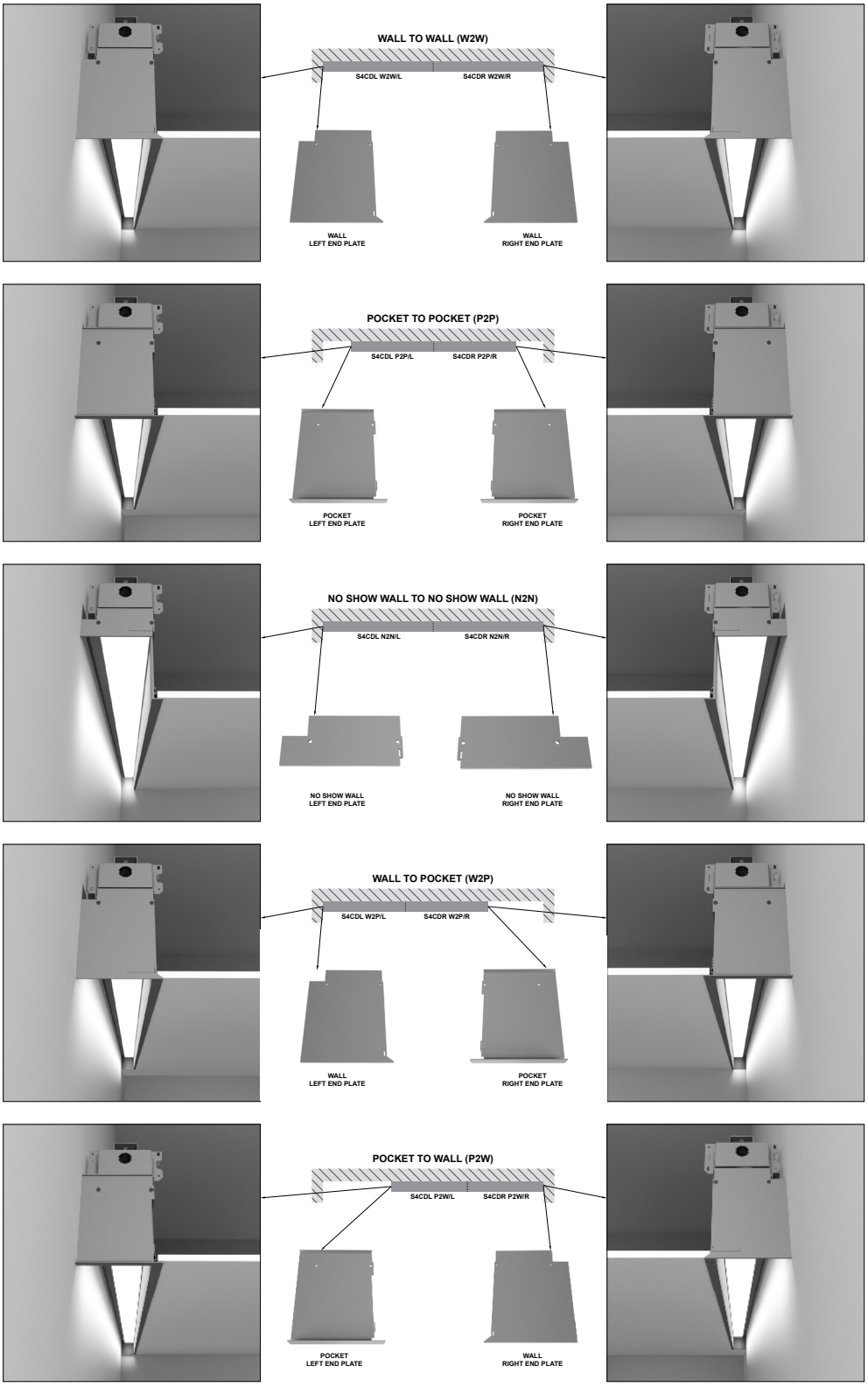


120Y

NOTE: For Y intersections, dimension X varies depending on the angle α. Angle α can be in a range of 40-179°.

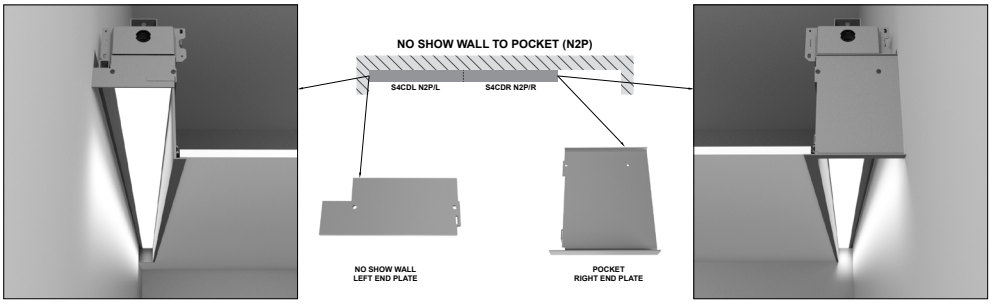
ENDPLATE DETAIL

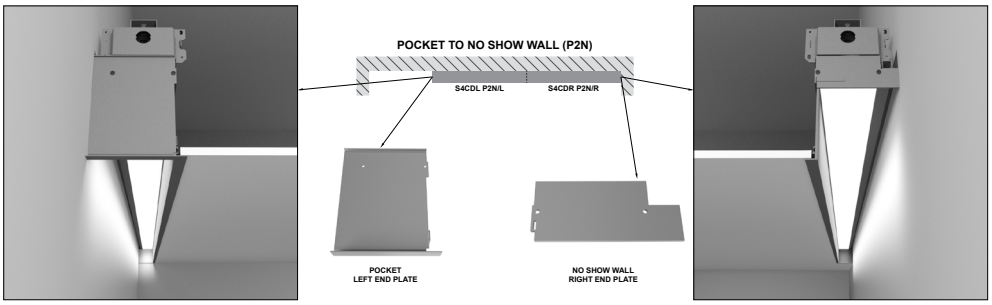
FL Trim Run

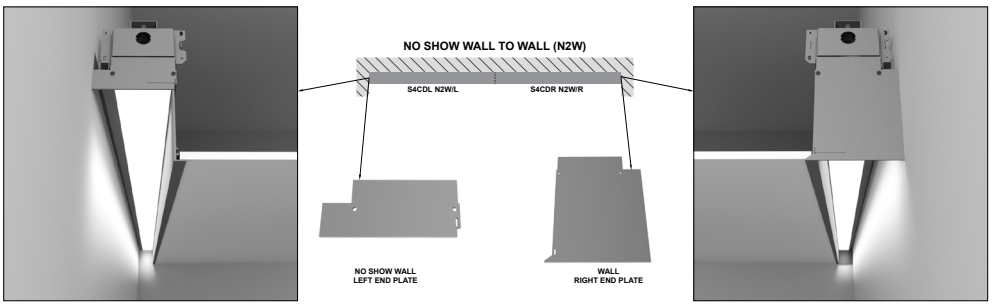


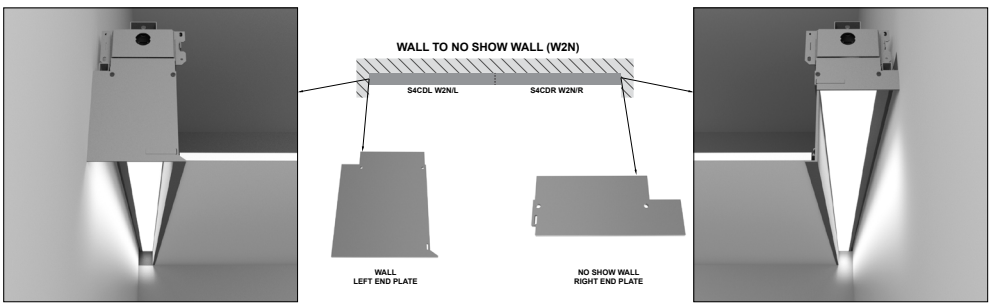
ENDPLATE DETAIL (continued)

FL Trim Run



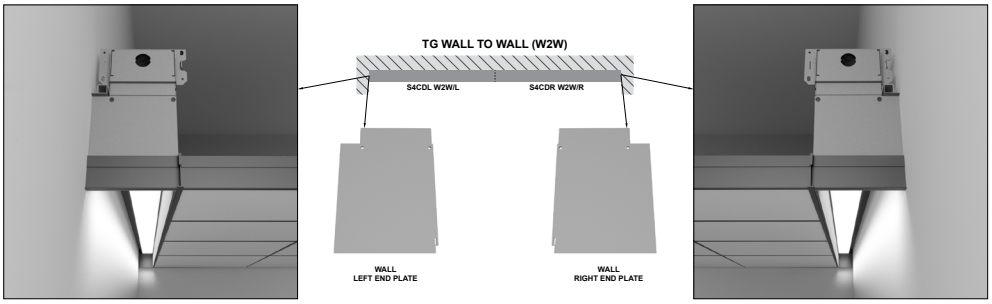


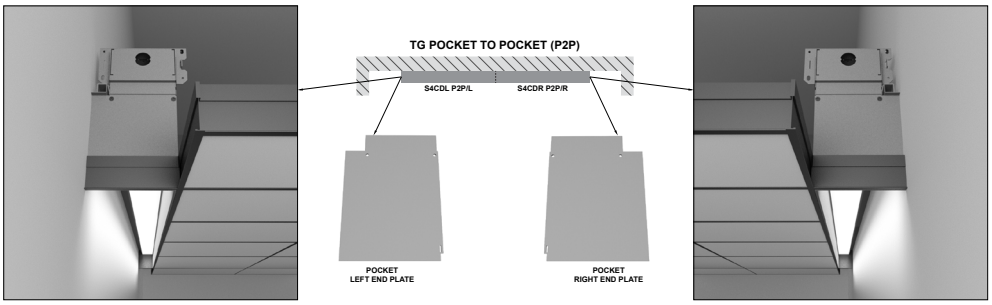


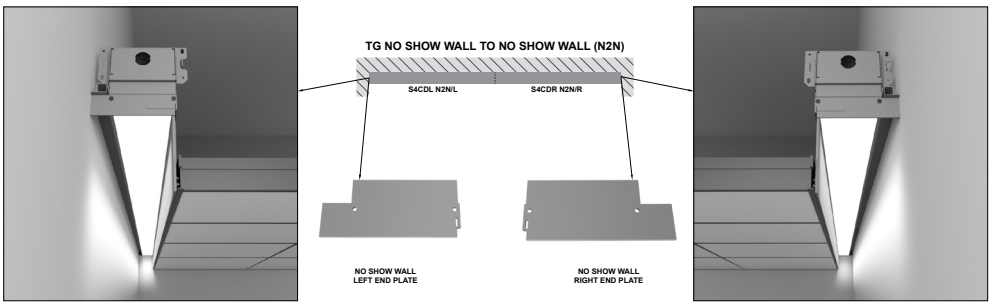


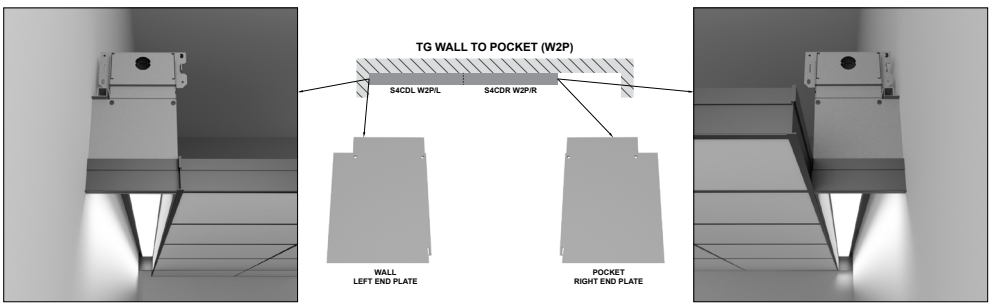
ENDPLATE DETAIL (continued)

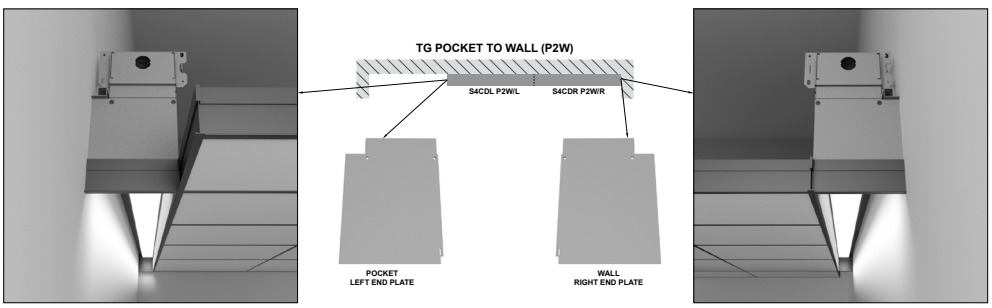
TG Trim Run





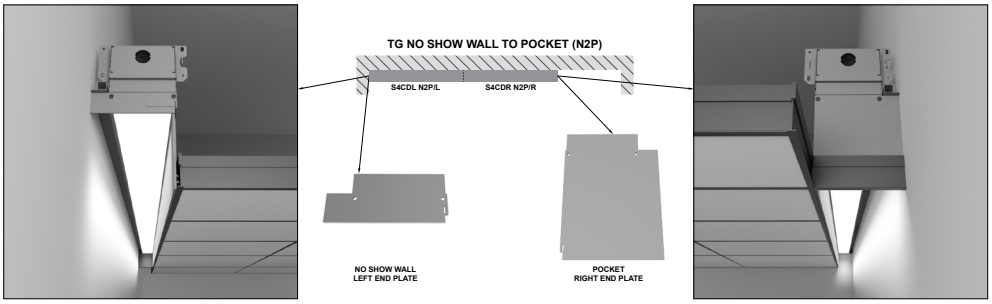


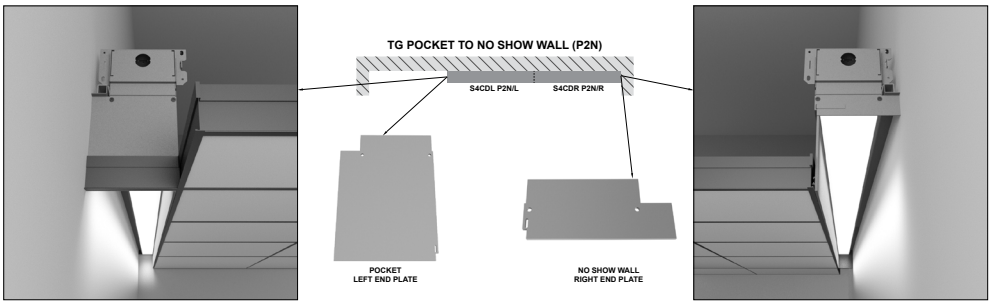


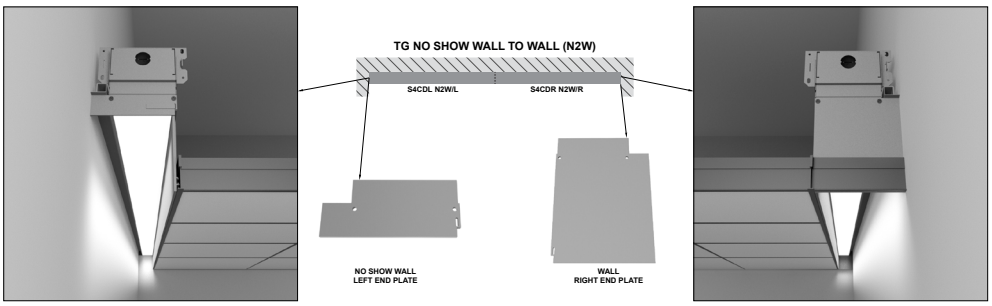


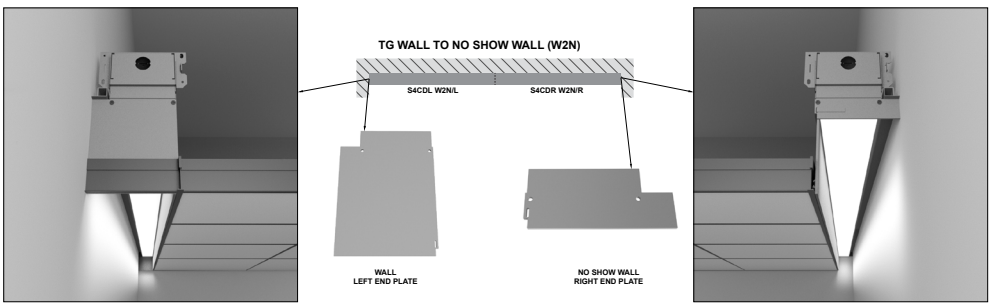
ENDPLATE DETAIL (continued)

TG Trim Run





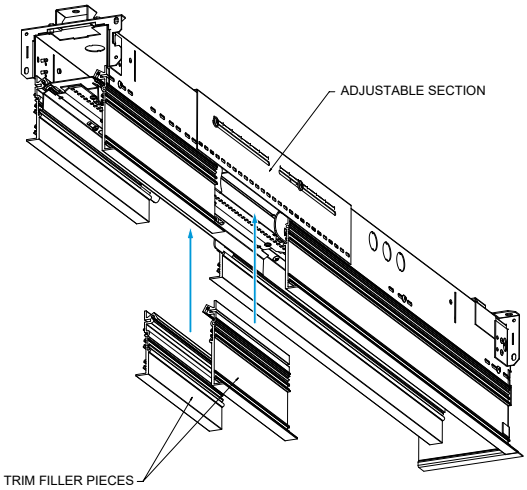




ADDITIONAL OPTIONS

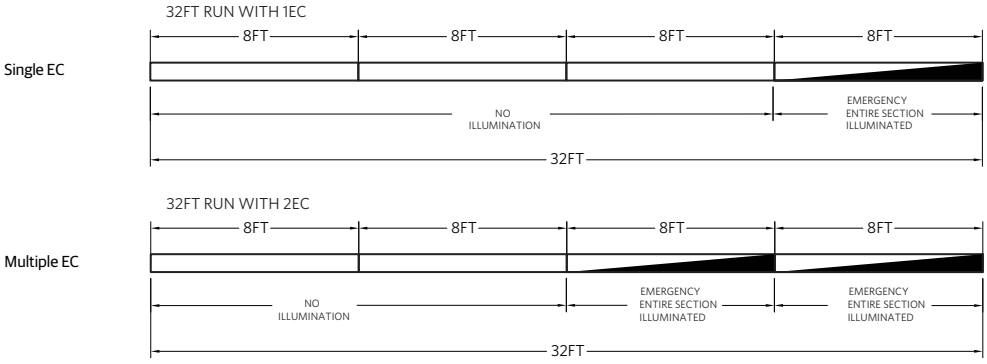
Field Adjustable (+0/-12") Section (ADJS)

Shipped as a 4, 6, 7, or 8-foot individual or end of run right side fixture. Left end of fixture is field trimmed to length. Reference page 2 ORDERING section for option exclusions.



EMERGENCY OPTIONS

Emergency Circuits



Control Input	
Section Length	**EC**
U2-U2/11.875	Entire Section Length
U3-U3/11.875	Entire Section Length
U4	Entire Section Length
U4/0.125-U4-11.875	Entire Section Length
U5-U5/11.875	Entire Section Length
U6-U6/11.875	Entire Section Length
U7-U7/11.875	Entire Section Length
U8	Entire Section Length

INTELLIGENT LUMINAIRE GUIDE

Choose nomenclature from these columns

Driver Configurations	Minimum Dimming Level		Control Input	=	Driver	Dimming Range	Notes
	DARK	+	DALI	=	eldoLED SOLOdrive DC Driver – Dali 2 compatible with Device Type 6 (DT6) functionality	100% to 0.1%	Logarithmic Dimming

DC2DC

DC-powered Lighting, DC2DC Architecture

Acuity Brands' DC2DC architecture provides for distributed low-voltage DC power and digital controls for a range of LED luminaires, including the S6CD.

The DC2DC architecture enhances an LED lighting system's efficiency by eliminating the need and cost to convert AC to DC power at the luminaire and facilitating the installation and commissioning of lighting controls. Intrinsically more efficient by design, our DC-powered lighting architecture also delivers savings at design and installation, facilitates maintenance, and empowers lighting design focused on sustainable and well-being applications.

Components include:

- DCHUB (ordered separately), distributes DC power up to 1080 VA of DC-powered LED luminaires including support for emergency lighting.
- 57 VDC powered LED luminaires, with Static CCT or Tunable White, based on control options.
- nLight® lighting control
  - Integral or offboard wired networked lighting control, with nLight control devices (ordered separately).
  - Embedded nLight AIR wireless devices in 57VDC powered Static CCT LED luminaires.
- Class 2 power and control cables.
- The number of luminaires that can be supported by a single DCHUB port is a function of luminaire wattage and conductor losses. Please refer to the fixture wattages listed and the DCHUB spec sheet for additional details. Alternatively, the LED luminaires can be supplied with an approved, UL Listed, Class 2 power source supplying between 52.3 and 57.0 VDC at the input to the luminaire.

Note:

All luminaires require 57VDC option along with the corresponding Control Input option for DALI or DALI8 external nPS80 DALI 57VDC wired nLight control or NLTAIR2 or NLTAIREM2 embedded wireless lighting control.

When using external wired nLight control, nPS80 DALI 57 VDC is mounted locally with the controlled luminaires. Only 2 #16 AWG (min.) conductors are necessary between the DC power source and the nPS80 DALI controller, and 4 conductors between the controller and the luminaires.

When using nLight embedded wireless controls only 2 #16 AWG (min.) conductors are necessary between the DC power source and the luminaire runs.

Click DC2DC for more information.

FIXTURE PERFORMANCE, DEVICE ADDRESSES, & FEED CHART[1]

		Slot 6 Perimeter Direct[1]				
Nominal Lumens/Foot		**300LMF**	**400LMF**	**600LMF**	**800LMF**	**1000LMF**
Delivered Lumens/Foot		269	358	537	705	868
DC Input Watts/Foot[2]		2.40	3.16	4.68	6.30	7.90
Lumens/Watt		123	125	125	120	122
# Device Addresses and Feeds	**2FT**	1	1	1	1	1
	3FT	1	1	1	1	1
	4FT	1	1	1	1	1
	5FT[3]	2	2	2	2	2
	6FT[4]	2	2	2	2	2
	7FT[5]	2	2	2	2	2
	8FT[4]	2	2	2	2	2

Notes

1. Based on a 4FT 90CRI 35K fixture with 6" depth lens regress (6D), standard lambertian distribution, and flush lens (FLL). Consult factory for other section lengths.
2. Standard photometry based on AC wattage, DC wattage = AC wattage *.93, add 0.2 watts per foot when adding NLTAIR2 controls
3. For 5ft fixtures with two feeds, wattage for Feed 1 is 3/5 of the total wattage and for Feed 2 is 2/5 of the total wattage
4. For 6ft and 8ft fixtures with two feeds, wattage per feed is half of the total wattage
5. For 7ft fixtures with two feeds, wattage for Feed 1 is 4/7 of the total wattage and for Feed 2 is 3/7 of the total wattage

General Note: Combine feeds based on maximum port supply wattage or as shown on drawings. Refer to Mark Linear Submittal drawings for additional feed configuration information.

Example Calculation:

8FT 1000LMF

Device Addresses and Feeds: 2 Addresses and Feeds

Total Direct Wattage: 7.90 W/FT x 8FT = 63.2W
Direct Feed 1: 4/8 x 63.2W = 31.6W
Direct Feed 2: 4/8 x 63.2W = 31.6W

SPECIFICATIONS

Housing
Nominal 6" x 2', 3', 4', 5', 6', 7', 8' and continuous rows in 1/8" increments starting at 2', as standard. Upper housing fabricated from cold-rolled steel with extruded aluminum ceiling trim.

Finish
Standard colors for fixture trims are polyester powder coated white, anti-microbial white, black, or silver with satin sheen. Consult factory for custom colors or specify RAL colors from Architectural brochure.

Reflector
Precision-formed steel; high reflectance matte white powder coat; 93% reflectivity.

Optics (Distribution)
Direct Asymmetric (DAS) incorporate co-extruded lense and film.

Lenses/Shielding
Extruded acrylic lens, (CLL, FLL).

Mounting
Sheetrock: Recessed ceiling only to accommodate sheetrock, ½" minimum to 1-1/2" maximum depth for FL trim option.

Grid: To accommodate 9/16" Flat Tee with Lay-In Tile, 9/16" Flat Tee with Tegular Tile, 9/16" Slot Tee with Tegular Tile, 15/16" Flat Tee with Lay-In Tile, & 15/16" Flat Tee with Tegular Tile for TG trim option.

LED Source
Multiple lumen packages available with 2700K, 3000K, 3500K, 4000K, and 5000K CCT in 90CRI. The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. Color variation of no greater than a 2.5 Step MacAdam (2.55DECM) along the black body locus from board to board.

Electrical
Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 60,000 hours (L90/60,000).

Circuits
Single switching option only.

Dimming Driver
eldoLED constant current driver options deliver choice of dimming range for ultrasmooth dimming resolution from 100% to less than 1% , and choices for control, while assuring flicker free, low current inrush, 89% efficiency and low EMI. Luminaires operate over a voltage ranging from 53VDC to 57VDC.

Ambient Operating Temperature Range
-20°C (-4° F) to +25°C (+77°F)

Environment
Suitable for damp location. Indoor use only.

Certification
CSA certified to meet U.S. and Canadian standards (UL1598 and UL8750). This product is IC rated.

Fixture Weight
Approximately 4.0 lbs per foot, less packaging.

Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Notes: *Actual performance may differ as a result of end-user environment and application.*
All values are design or typical values, measured under laboratory conditions at 25°C.
Specifications subject to change without notice

