



**ILLUMINATED OPTIONS**

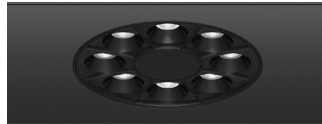
**DL33R** - 3.3" ROUND DOWNLIGHT



**DL33S** - 3.3" SQUARE DOWNLIGHT



**DZ33R** - 3.3" ROUND ZOIIE



**DZ33S** - 3.3" SQUARE ZOIIE



**M5** - MINI MADISON DUAL AXIS



**2LI** - 2" LINIA



**INTEGRATED MECHANICAL OPTIONS**

**CM** - CAMERA



**SP** - SPEAKER



**OS** - OCCUPANCY SENSOR



**WF** - WIFI ACCESS POINT



**MC** - MICROPHONE



**HV** - HVAC



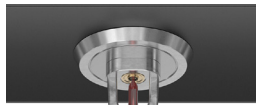
**SD** - SMOKE DETECTOR



**ST** - FIRE STROBE



**FS** - FIRE SPRINKLER



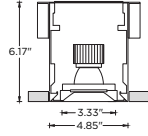
**JB** - JUNCTION BOX



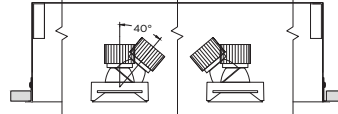
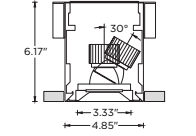
**DL33R - 3.3" ROUND DOWNLIGHT**



**DL33RF - FIXED**



**DL33RA - ADJUSTABLE**



**DOWNLIGHT SIZE:** 3.33"  
**COLOR TEMP:** 27K, 30K, 35K, 40K  
**CRI:** 80+, 90+ \*  
**COLOR CONSISTENCY** <2 SDCM  
**UGR:** <16

**DELIVERED LUMENS:** 1080 - 3779 LM \*\*  
**EFFICACY:** 88 - 105 LPW \*\*\*  
**WATTAGE:** 10.3 - 43.1 W \*\*\*  
**L90:** 50,000 HOURS

**OPTICS:** 20°, 40°, 60°, 90°

**ADJUSTABILITY:** 0° - 30° tilt across width  
0° - 40° tilt across length  
362° lockable rotation

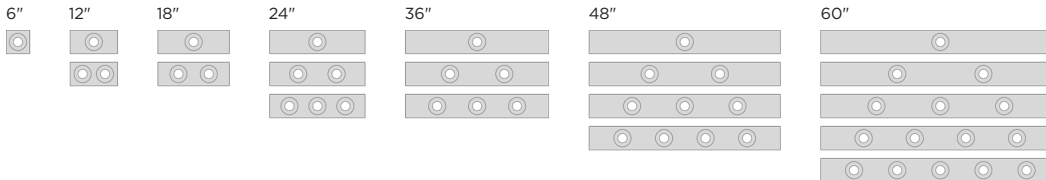
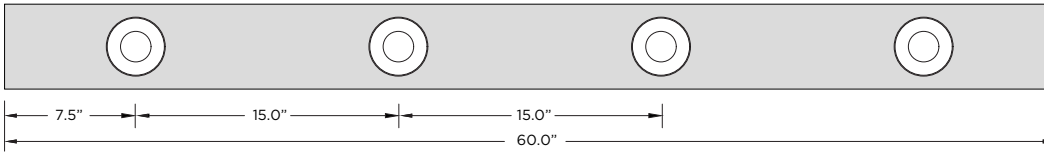


Machined aluminum faceplate with trimless downlight integration  
Cast aluminum beveled insert with matte powder coated finish  
3.3" aperture with regressed LED source for enhanced glare control  
Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)  
All models provided standard with softening lens

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
Standard 120/277V universal voltage with several driver options  
All drivers are integral and easily accessible through luminaire aperture

\* S80 not available in 27K  
\*\*Round adjustable available up to 2200 LM  
\*\*\*Based on DL33RF, 80+ CRI, 60° and 35K

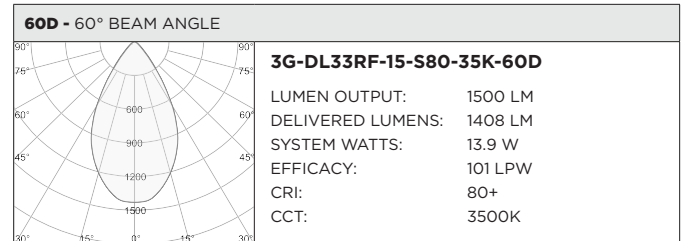
NOTE: ON CENTER SPACING = SECTION LENGTH/NUMBER OF DOWNLIGHTS



**3.3" ROUND FIXED - BASED ON 60° BEAM, 80+ CRI AND 35K SOURCE**

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000 LM	1080	10.3	105
1500 LM	1408	13.9	101
2200 LM	2132	21.9	97
3000 LM	2799	31.3	89

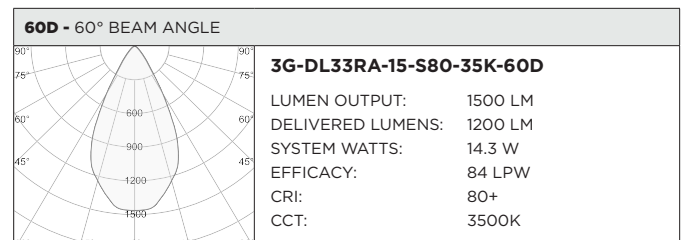
LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.98, 35K=1.00, 40K=1.01, 90+ CRI=0.88



**3.3" ROUND ADJUSTABLE - BASED ON 60° BEAM, 80+ CRI AND 35K SOURCE**

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000 LM	874	10.3	85
1500 LM	1200	14.3	84
2200 LM	1780	22.5	79
3000 LM	2183	31.2	70

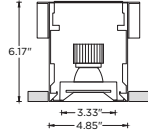
LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.98, 35K=1.00, 40K=1.01, 90+ CRI=0.88



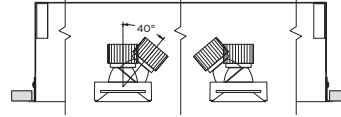
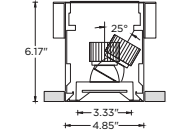
**DL33S - 3.3" SQUARE DOWNLIGHT**



**DL33RF - FIXED**



**DL33RA - ADJUSTABLE**



**DOWNLIGHT SIZE:** 3.33"  
**COLOR TEMP:** 27K, 30K, 35K, 40K  
**CRI:** 80+, 90+ \*  
**COLOR CONSISTENCY** <2 SDCM  
**UGR:** <16

**DELIVERED LUMENS:** 925 - 3309 LM \*\*  
**EFFICACY:** 75 - 89 LPW \*\*\*  
**WATTAGE:** 10.4 - 44.2 W \*\*\*  
**L90:** 50,000 HOURS

**OPTICS:** 20°, 40°, 60°, 90°

**ADJUSTABILITY:** 0° - 25° tilt across width  
0° - 40° tilt across length  
362° lockable rotation

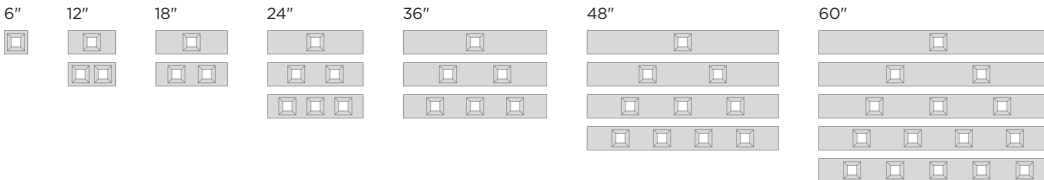
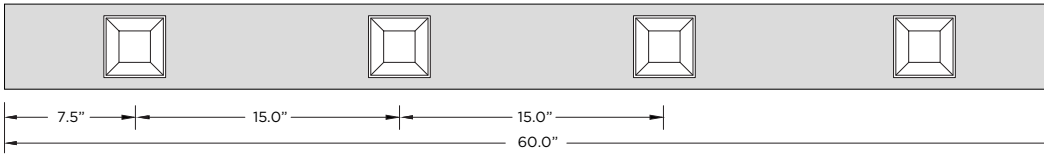


Machined aluminum faceplate with trimless downlight integration  
Cast aluminum beveled insert with matte powder coated finish  
3.3" aperture with regressed LED source for enhanced glare control  
Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)  
All models provided standard with softening lens

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
Standard 120/277V universal voltage with several driver options  
All drivers are integral and easily accessible through luminaire aperture

\* S80 not available in 27K  
\*\*Square adjustable available up to 2200 LM  
\*\*\*Based on DL33SF, 80+ CRI, 60° and 35K

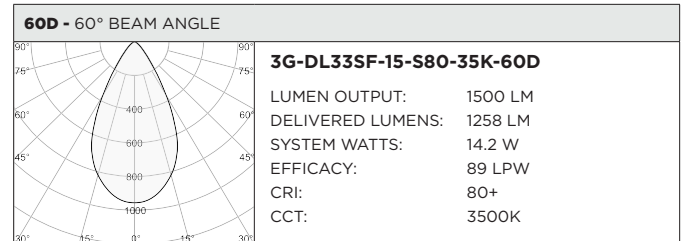
NOTE: ON CENTER SPACING = SECTION LENGTH/NUMBER OF DOWNLIGHTS



**3.3" SQUARE FIXED - BASED ON 60° BEAM, 80+ CRI AND 35K SOURCE**

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000 LM	925	10.4	89
1500 LM	1258	14.2	89
2200 LM	1832	22.5	81
3000 LM	2443	31.8	77

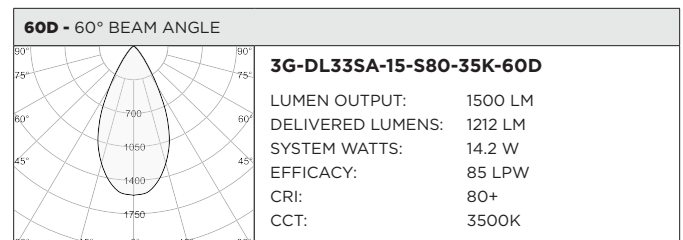
LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.98, 35K=1.00, 40K=1.01, 90+ CRI=0.88



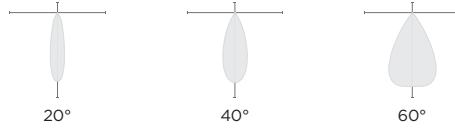
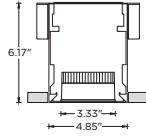
**3.3" SQUARE ADJUSTABLE - BASED ON 60° BEAM, 80+ CRI AND 35K SOURCE**

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000 LM	899	10.4	86
1500 LM	1212	14.2	85
2200 LM	1790	22.5	80
3000 LM	2111	31.8	66

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.98, 35K=1.00, 40K=1.01, 90+ CRI=0.88



**DZ33R - 3.3" ROUND ZONE**



**DOWNLIGHT SIZE:** 3.33"  
**COLOR TEMP:** 27K, 30K, 35K, 40K  
**CRI:** 80+, 90+  
**COLOR CONSISTENCY** <2 SDCM  
**UGR:** <10

**DELIVERED LUMENS:** 700 - 3000 LM  
**EFFICACY:** 98 - 123 LPW \*  
**WATTAGE:** 5.7 - 30.7 W \*  
**L90:** 60,000 HOURS

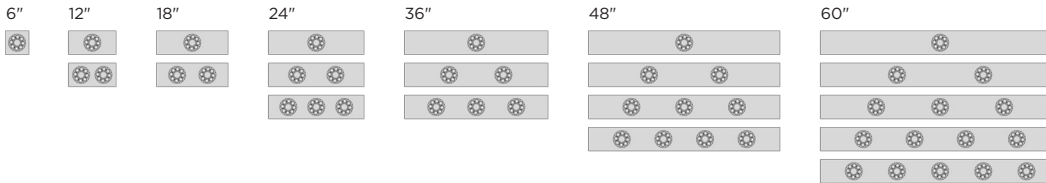
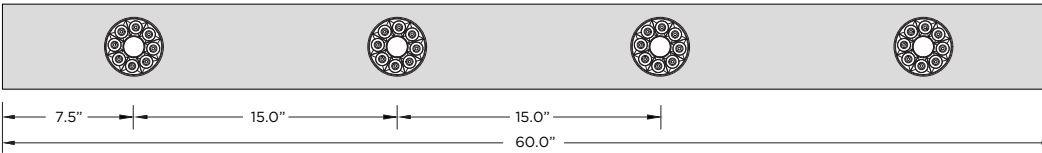
**OPTICS:** 20°, 40°, 60°

Machined aluminum faceplate with trimless downlight integration  
 3.3" aperture with regressed LED source for maximum visual comfort  
 High gloss black or white louvers with proprietary optics and no glare  
 Proprietary, polycarbonate multi-faceted reflectors (field replaceable)

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
 Standard 120/277V universal voltage with several driver options  
 All drivers are integral and easily accessible through luminaire aperture

\*Based on 80+ CRI, 40° and 3000K

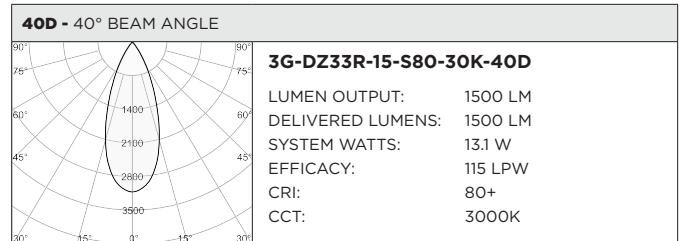
NOTE: ON CENTER SPACING = SECTION LENGTH/NUMBER OF DOWNLIGHTS



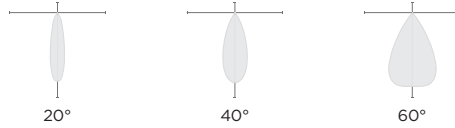
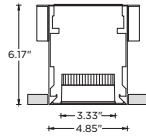
**3.3" ROUND ZONE - BASED ON 40° BEAM ANGLE AND 3000K SOURCE**

80+ CRI			90+ CRI		
DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	8.5	117	1000	10.1	99
1500	13.1	115	1500	15.7	96
2200	20.3	108	2200	24.3	91
3000	30.7	98	N/A	N/A	N/A

LUMEN OUTPUT MULTIPLIER FOR 80CRI: 27K=N/A, 30K=1.00, 35K=0.98, 40K=1.06  
 LUMEN OUTPUT MULTIPLIER FOR 90CRI: 27K=0.80, 30K=0.85, 35K=0.86, 40K=N/A



**DZ33S - 3.3" SQUARE ZOIE**



**DOWNLIGHT SIZE:** 3.33"  
**COLOR TEMP:** 27K, 30K, 35K, 40K  
**CRI:** 80+, 90+  
**COLOR CONSISTENCY** <2 SDCM  
**UGR:** <10

**DELIVERED LUMENS:** 700 - 3000 LM  
**EFFICACY:** 98 - 123 LPW \*  
**WATTAGE:** 5.7 - 30.7 W \*  
**L90:** 60,000 HOURS

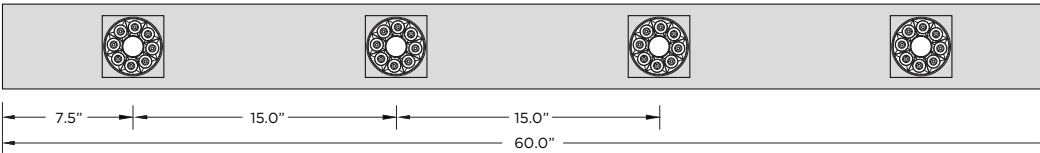
**OPTICS:** 20°, 40°, 60°

Machined aluminum faceplate with trimless downlight integration  
 3.3" aperture with regressed LED source for maximum visual comfort  
 High gloss black or white louvers with proprietary optics and no glare  
 Proprietary, polycarbonate multi-faceted reflectors (field replaceable)

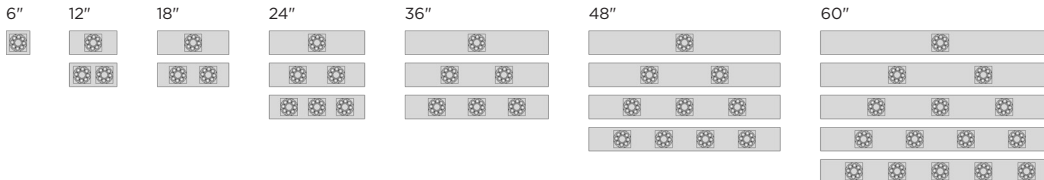
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor

Standard 120/277V universal voltage with several driver options  
 All drivers are integral and easily accessible through luminaire aperture

NOTE: ON CENTER SPACING = SECTION LENGTH/NUMBER OF DOWNLIGHTS



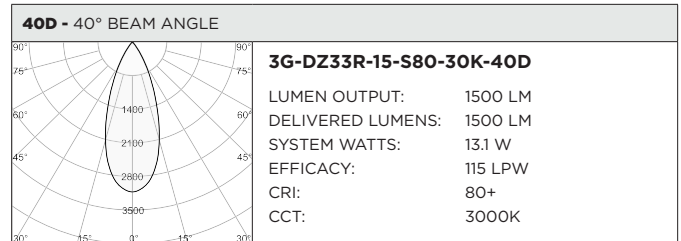
\*Based on 80+ CRI, 40° and 3000K



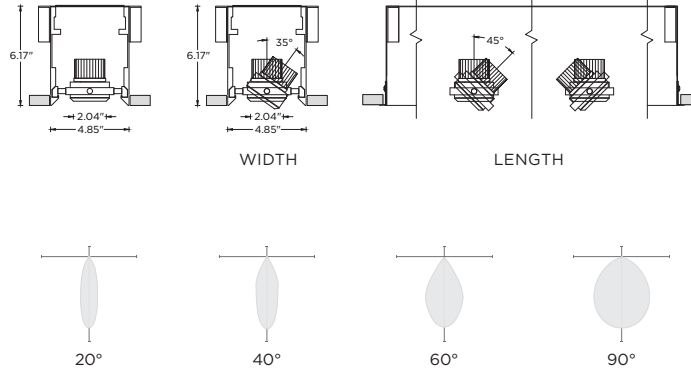
**3.3" SQUARE ZOIE - BASED ON 40° BEAM ANGLE AND 3000K SOURCE**

80+ CRI			90+ CRI		
DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	8.5	117	1000	10.1	99
1500	13.1	115	1500	15.7	96
2200	20.3	108	2200	24.3	91
3000	30.7	98	N/A	N/A	N/A

LUMEN OUTPUT MULTIPLIER FOR 80CRI: 27K=N/A, 30K=1.00, 35K=0.98, 40K=1.06  
 LUMEN OUTPUT MULTIPLIER FOR 90CRI: 27K=0.80, 30K=0.85, 35K=0.86, 40K=N/A



**M5 - MINI MADISON DUAL AXIS**



**GIMBAL APERTURE:** 2.00"  
**COLOR TEMP:** 27K, 30K, 35K, 40K  
**CRI:** 80+, 90+ \*  
**COLOR CONSISTENCY** <2 SDCM

**DELIVERED LUMENS:** 1015 - 2194 LM  
**EFFICACY:** 101 LPW \*\*  
**WATTAGE:** 10.2 - 22 W \*\*  
**L90:** 50,000 HOURS

**OPTICS:** 20°, 40°, 60°, 90°

**ADJUSTABILITY:** 0° - 35° tilt  
 across width  
 0° - 45° tilt  
 across length

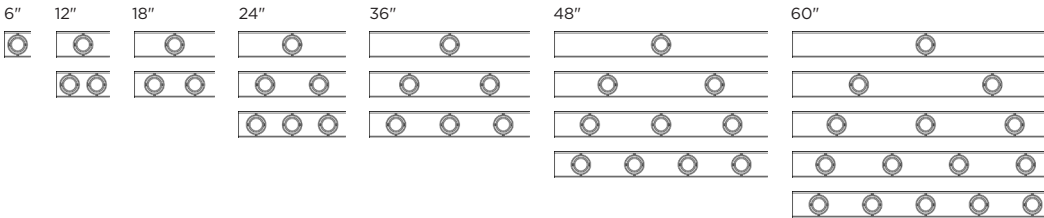
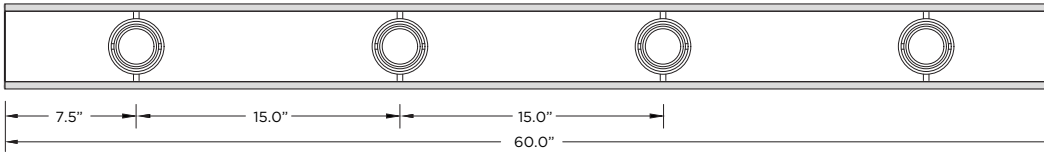
Machined aluminum double gimbal with dual axis adjustability  
 Each double gimbal can be locked in place  
 Fixture heads are adjustable in field and can slide 18" in either direction

Regressed LED source for enhanced glare control  
 Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
 Standard 120/277V universal voltage with several driver options  
 All drivers are integral and easily accessible through luminaire aperture

\* S80 not available in 27K  
 \*\*Based on 80+ CRI, 60° and 3500K

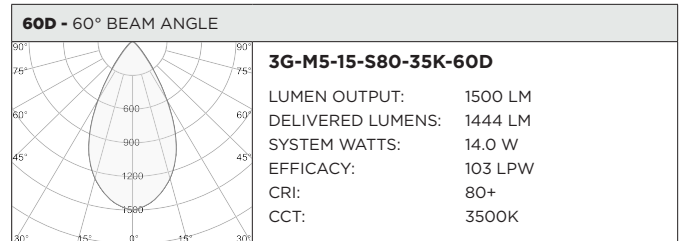
NOTE: ON CENTER SPACING = SECTION LENGTH/NUMBER OF DOWNLIGHTS



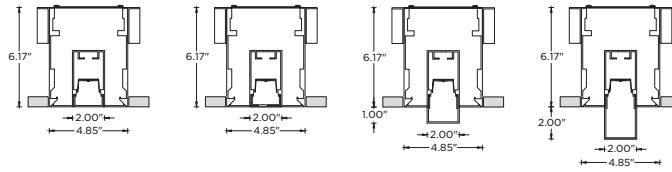
**MINI MADISON DUAL AXIS - BASED ON 60° BEAM ANGLE, 80+ CRI AND 3500K**

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
<b>1000 LM</b>	1015	10.2	100
<b>1500 LM</b>	1400	13.9	101
<b>2200 LM</b>	2194	22.0	100

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01, 90+ CRI=0.88



**2LI - 2" LINIA**



**LINEAR APERTURE:** 2.00"  
**COLOR TEMP:** 27K, 30K, 35K, 40K  
**CRI:** 80+, 90+  
**R9 VALUE:** 56  
**COLOR CONSISTENCY** <3 SDCM

**DELIVERED LUMENS:** 250 - 1000 LM/FT  
**EFFICACY:** 110 - 151 LPW \*  
**WATTAGE:** 1.7 - 9.1 W/FT \*  
**L90:** 60,000 HOURS

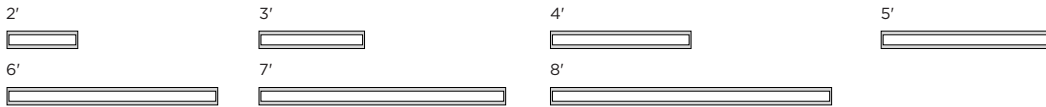
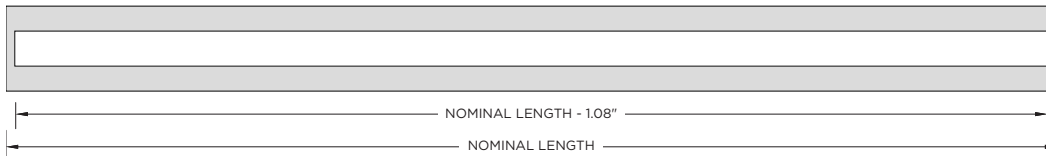
**OPTICS:** FLUSH,  
ASYMMETRIC,  
1" - 2" DROP LENS

Proprietary LED system

Extruded, satin acrylic lens designed for optimal performance and glare control  
 Lens options include flush, 1" and 2" drops with illuminated end caps  
 High performance asymmetric optics available

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
 Standard 120/277V universal options  
 All drivers are integral and easily accessible through luminaire aperture

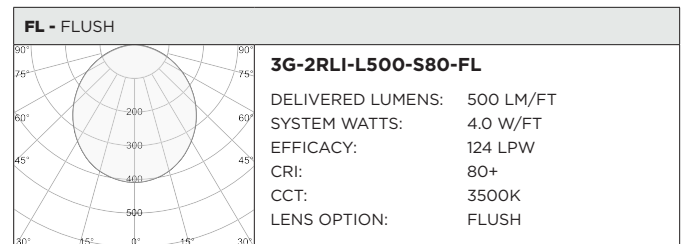
\*Based on 80+ CRI and 3500K



**2" LINIA - BASED ON 80+ CRI AND 3500K SOURCE**

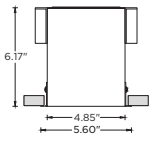
LENS OPTION	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
FLUSH	250	1.7	141
	500	4.0	124
	750	6.5	114
	1000	9.1	111
1" DROP	250	1.7	143
	525	4.0	127
	775	6.5	115
	1025	9.1	110
2" DROP	275	1.7	151
	525	4.0	133
	800	6.5	121
	1050	9.1	114
ASYMMETRIC	250	1.7	142
	500	4.0	143
	750	6.5	137
	1000	9.1	132

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01, 90+ CRI=0.88



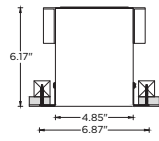
**HARD CEILING**

**WT - TRIM**



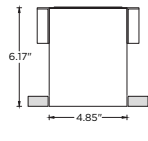
RECOMMENDED CEILING OPENING 5.20"

**XTR - TRIMLESS (DRYWALL)**

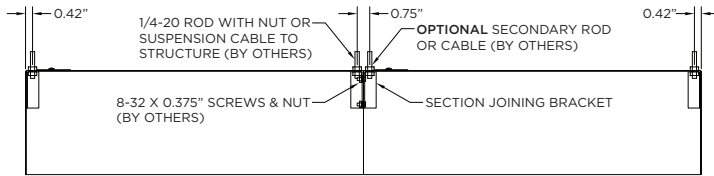


RECOMMENDED CEILING OPENING 5.25"

**FX - FLANGELESS**

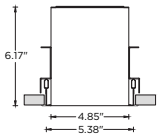


RECOMMENDED CEILING OPENING 4.87"

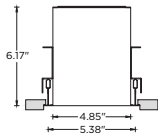


**GRID CEILING MOUNTING**

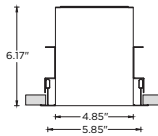
**9L - 9/16" LAYIN**



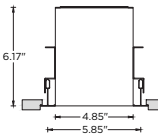
**9TG - 9/16" TEGULAR**



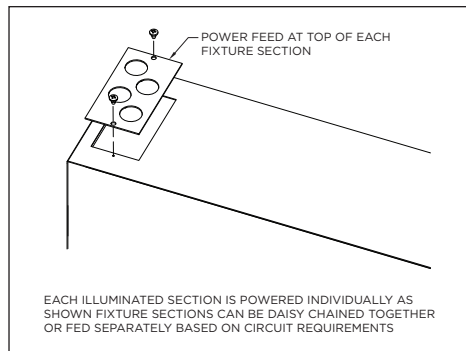
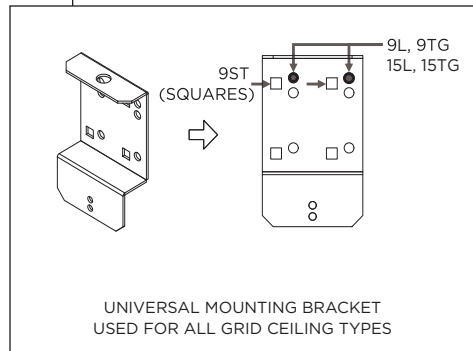
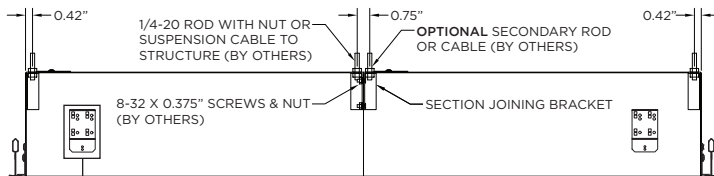
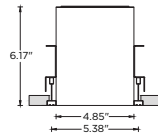
**15L - 15/16" LAYIN**



**15TG - 15/16" TEGULAR**



**9ST - 9/16" SLOT TEE TEGULAR**



**HOUSING**

IC Housing constructed in extruded aluminum and cold rolled steel  
Designed to integrate various illuminated and mechanical options  
Individual units and continuous runs available in 1" increments  
Standard matte black powder coated finish with optional matte white finish  
Aluminum trim flange with matte white powder coated finish and minimal 0.400" overlap  
Trimless model features a satin coat mudding flange for seamless ceiling integration  
Maximum ceiling thickness of 3.75"

**MOUNTING**

New construction housing suspended via 1/4" threaded rod or suspension cables (by others)  
Trim fixture designed for use in drywall, wood, and other architectural ceiling materials  
Trimless fixture designed for use in drywall, mud-in ceiling applications  
Flangeless fixture designed for use in wood ceilings  
Suitable for various grid ceiling applications (see mounting details)

**LISTING**

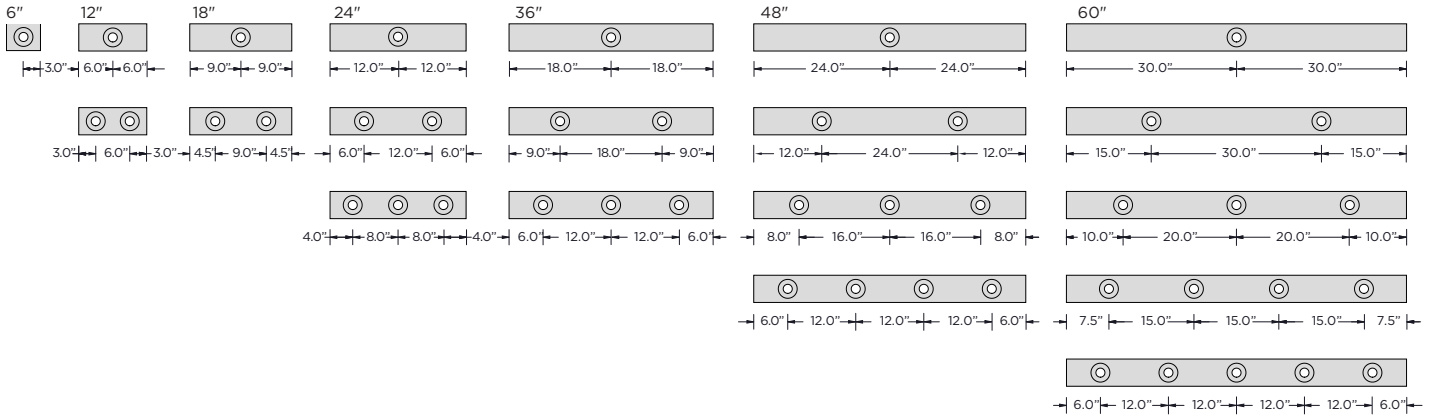
ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0.  
Rated for indoor dry or damp locations  
IC rated - Suitable for direct contact with insulation

**WARRANTY**

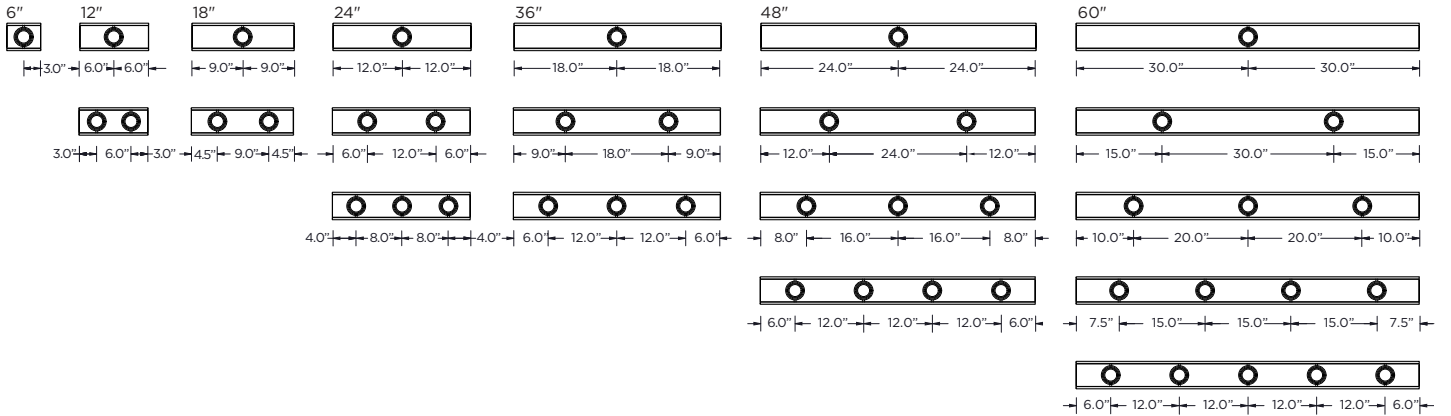
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C



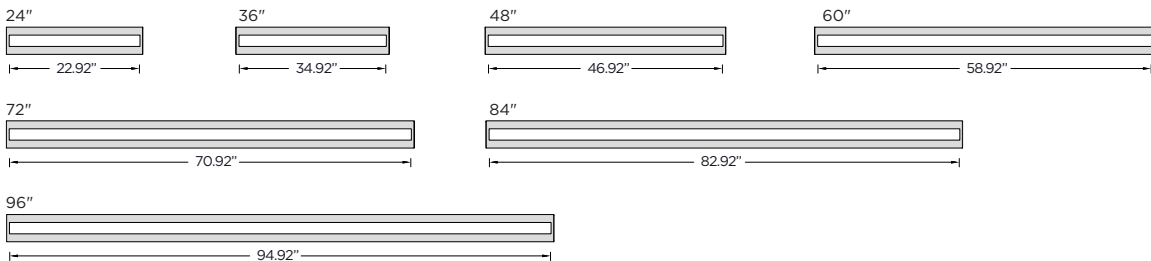
**STANDARD DOWNLIGHT SECTIONS AND TYPICAL SPACING (CONSULT 3G FOR CUSTOM CONFIGURATIONS)**



**STANDARD MADISON GIMBAL SECTIONS AND TYPICAL SPACING (CONSULT 3G FOR CUSTOM CONFIGURATIONS)**



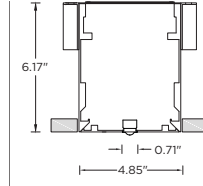
**STANDARD LINIA SECTIONS (CONSULT 3G FOR CUSTOM CONFIGURATIONS)**



**OS - OCCUPANCY SENSOR**

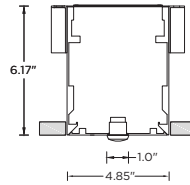


Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Occupancy sensor by others



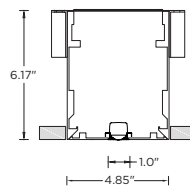
**OSV**  
**SENSORSWITCH VERTEX**  
Wireless daylight and occupancy sensor  
Compatible with 0-10V (100-1%) & (100-0.1%)

[SPEC SHEET](#)



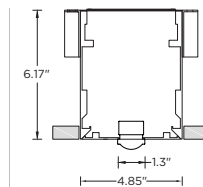
**OSM**  
**ENLIGHTED MICRO SENSOR - SU-5E**  
Wireless daylight and occupancy sensor  
Compatible with 0-10V (100-1%) & (100-0.1%)

[SPEC SHEET](#)



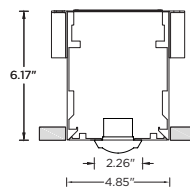
**OSE**  
**ENCELIUM EN-CLM-PIR-DD-ZB**  
Wireless daylight and occupancy sensor  
Compatible with 0-10V (100-1%) & DALI

[SPEC SHEET](#)



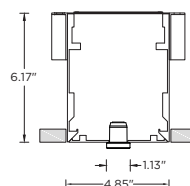
**OSR**  
**nLIGHT RES7**  
Wireless daylight and occupancy sensor  
Compatible with 0-10V (100-1%) & (100-0.1%)

[SPEC SHEET](#)



**OSF**  
**LEGRAND FS-355**  
Wired daylight and occupancy sensor  
Compatible with 0-10V, Dali, Forward Phase, Ecosystem

[SPEC SHEET](#)



**OSA**  
**LUTRON ATHENA**  
Wireless daylight and occupancy sensor  
Compatible with 0-10V (100-1%) & DALI

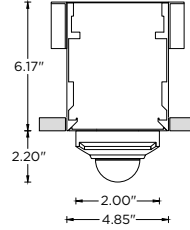
[SPEC SHEET](#)

NOTES:  
All integrated component photos may vary from items shown on this specification sheet  
Manufacturers or models not shown may be compatible with this 3Gi system  
Please contact 3G for other options and custom configurations

**CM - CAMERA**



Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Camera by others



**CMA**

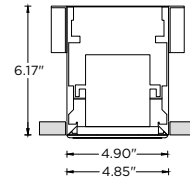
**AXIS - M3086-V DOME CAMERA**  
175° rotation, 80° tilt and 175° pan  
Resolution: up to 2688 x 1512 pixels

[SPEC SHEET](#)

**SP - SPEAKER**



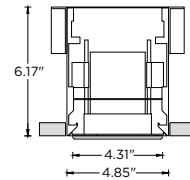
Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Speaker by others



**SPS**

**SONANCE - VP38R**  
100W Peak, 75Hz - 20kHz, +/-3 dB  
Sensitivity: 83 dB

[SPEC SHEET](#)



**SPO**

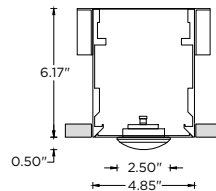
**ORIGIN ACOUSTICS D39**  
100W Peak, 100Hz - 20kHz  
Sensitivity: 84 dB

[SPEC SHEET](#)

**MC - MICROPHONE (BY OTHERS)**



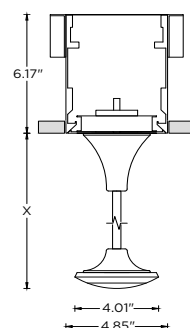
Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Microphone by others



**MCA**

**AUDIX - M70**

[SPEC SHEET](#)



**MCL**

**LOGITECH - RALLY MIC POD**

[SPEC SHEET](#)

**NOTES:**

All integrated component photos may vary from items shown on this specification sheet  
Manufacturers or models not shown may be compatible with this 3Gi system  
Please contact 3G for other options and custom configurations

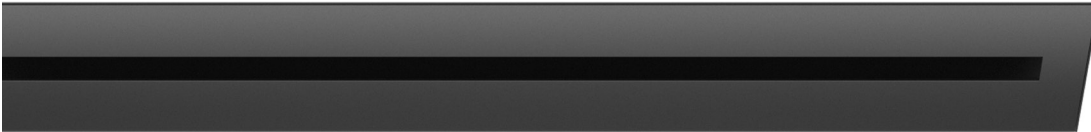
**LINEAR HVAC DIFFUSER INTEGRATION**  
**(ALL COMPONENTS SUPPLIED BY OTHERS)**

Machined aluminum faceplate provided by 3G with cut-out opening suitable for various HVAC models  
Typical diffuser integration shown. Various models compatible with Krueger, Nailor, Price, Titus and Tuttle & Bailey  
All components including plenum inlet and diffuser by others  
Available in 2', 3', 4, and 5' lengths as standard  
Please contact 3G for other options, custom lengths or custom configurations

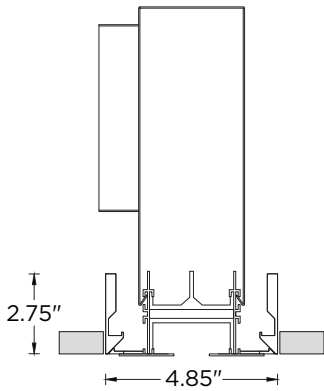
**1 SLOT DIFFUSER**



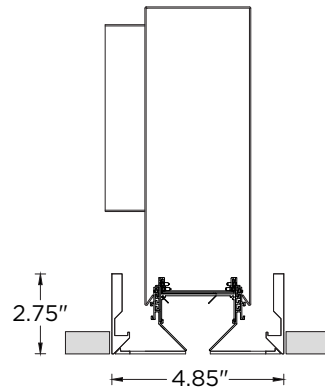
**TRIMLESS SLOT DIFFUSER**



**1 SLOT DIFFUSER**

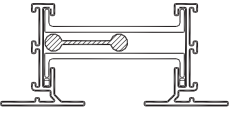
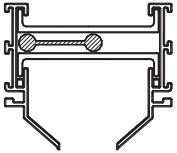


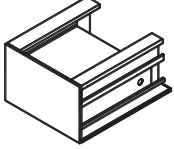
**TRIMLESS SLOT DIFFUSER**



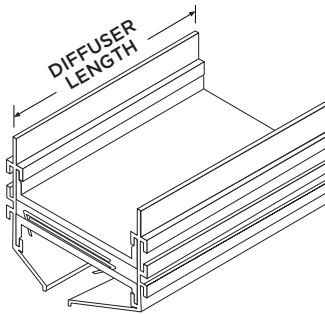
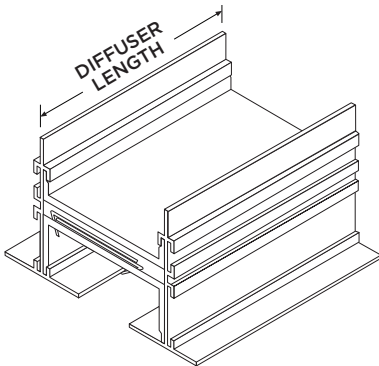
\*plenum inlet and diffuser supplied and installed by others  
see standard models and compatibility list on following pages

**TITUS DIFFUSER MODEL SELECTION**  
(ALL COMPONENTS SUPPLIED BY OTHERS)

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	FL10	66	ECXX
	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	FL10	55	ECXX
	FL15	55	ECXX

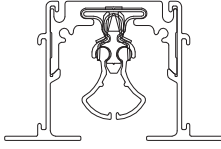
END CONDITION	
ECXX	

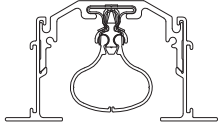
**NOTE:** DIFFUSER LENGTH MUST BE 1.50" SHORTER THAN NOMINAL LENGTH

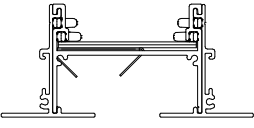


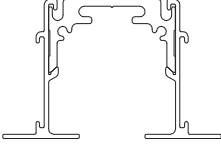
NOMINAL HVAC LENGTH	DIFFUSER LENGTH
24"	22.5" <b>MAX</b>
36"	34.5" <b>MAX</b>
48"	46.5" <b>MAX</b>
60"	58.5" <b>MAX</b>

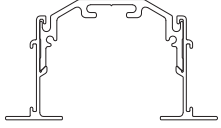
**PRICE DIFFUSER MODEL SELECTION**  
(ALL COMPONENTS SUPPLIED BY OTHERS)

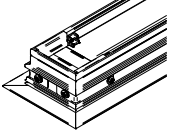
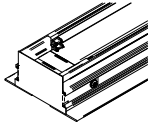
	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	SDS50/1	9A	X-X
	SDS50/1	14	Z-Z
	SDS50/1	916	Z-Z
	SDS75/1	9A	X-X
	SDS75/1	14	Z-Z
	SDS75/1	916	Z-Z
	SDS100/1	9A	X-X
	SDS100/1	14	Z-Z
	SDS100/1	916	Z-Z
	SDS50/2	9A	X-X
	SDS50/2	14	Z-Z
SDS50/2	916	Z-Z	

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	SDS150	9A	X-X
	SDS150	14	Z-Z
SDS150	916	Z-Z	

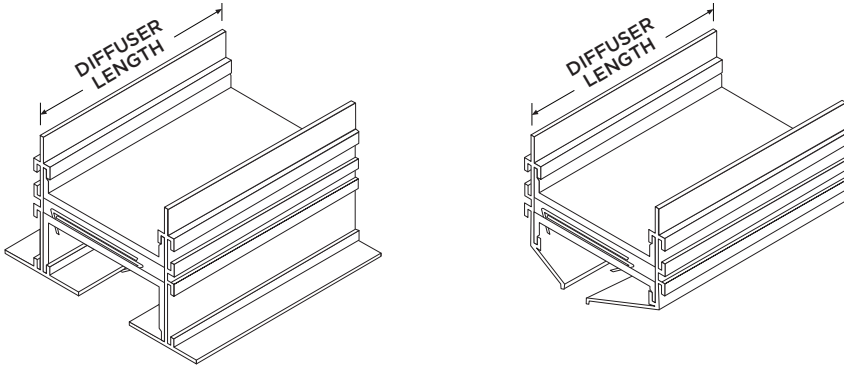
	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	CF-1x1.0"SLOT	EF	X-X

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	SDR50/1	9A	X-X
	SDR50/1	14	Z-Z
	SDR50/1	916	Z-Z
	SDR75/1	9A	X-X
	SDR75/1	14	Z-Z
	SDR75/1	916	Z-Z
	SDR100/1	9A	X-X
	SDR100/1	14	Z-Z
	SDR100/1	916	Z-Z
	SDR50/2	9A	X-X
	SDR50/2	14	Z-Z
SDR50/2	916	Z-Z	

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	SDR150	9A	X-X
	SDR150	14	Z-Z
SDR150	916	Z-Z	

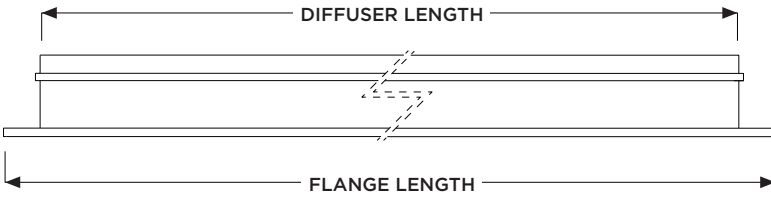
END CONDITION	
X-X	
Z-Z	

**NOTE: DIFFUSER LENGTH MUST BE 1.50" SHORTER THAN NOMINAL LENGTH**



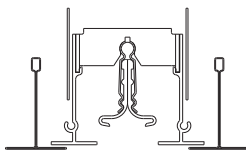
NOMINAL HVAC LENGTH	DIFFUSER LENGTH
24"	22.5" MAX
36"	34.5" MAX
48"	46.5" MAX
60"	58.5" MAX

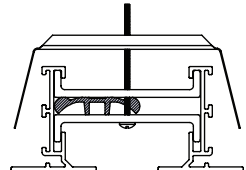
**NOTE: FLANGE LENGTH CANNOT EXCEED NOMINAL LENGTH**

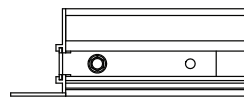


NOMINAL HVAC LENGTH	FLANGE LENGTH
24"	24" MAX
36"	36" MAX
48"	48" MAX
60"	60" MAX

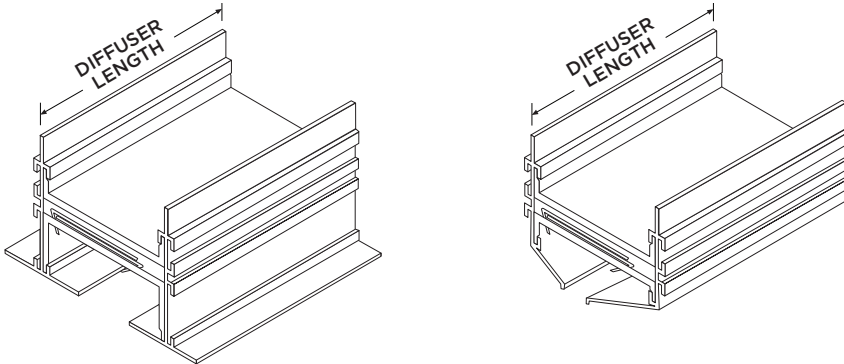
**KREUGER DIFFUSER MODEL SELECTION**  
(ALL COMPONENTS SUPPLIED BY OTHERS)

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	1950/1	A	E
	1950/2	A	E
	1975/1	A	E
	1910/1	A	E
1915/1	A	E	

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	DFL/1	FF	E

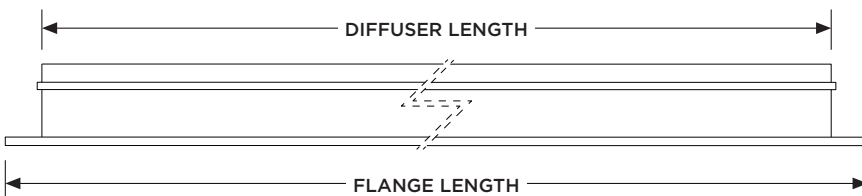
END CONDITION	
<b>E</b>	

**NOTE:** DIFFUSER LENGTH MUST BE 1.50" SHORTER THAN NOMINAL LENGTH



NOMINAL HVAC LENGTH	DIFFUSER LENGTH
24"	22.5" <b>MAX</b>
36"	34.5" <b>MAX</b>
48"	46.5" <b>MAX</b>
60"	58.5" <b>MAX</b>

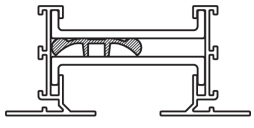
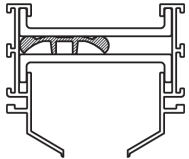
**NOTE:** FLANGE LENGTH CANNOT EXCEED NOMINAL LENGTH

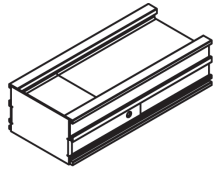


NOMINAL HVAC LENGTH	FLANGE LENGTH
24"	24" <b>MAX</b>
36"	36" <b>MAX</b>
48"	48" <b>MAX</b>
60"	60" <b>MAX</b>

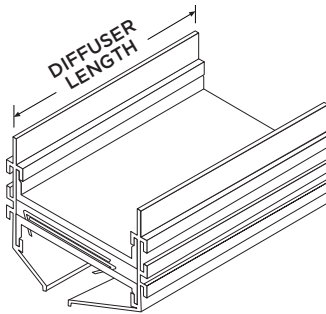
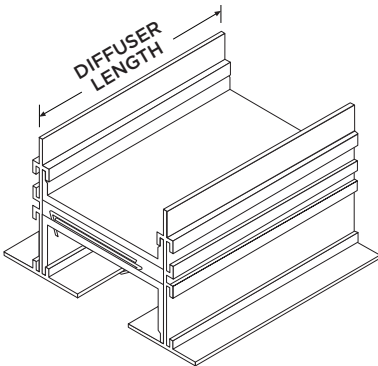


**TUTTLE & BAILEY DIFFUSER MODEL SELECTION**  
(ALL COMPONENTS SUPPLIED BY OTHERS)

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	AIR-TRAC/1	B	FECF
	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	AIR-TRAC/1	N	FECF
	AIR-TRAC/1.5	N	FECF

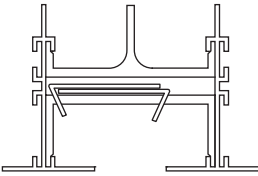
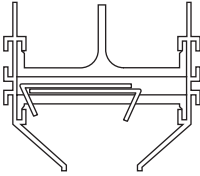
END CONDITION	
FECF	

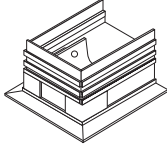
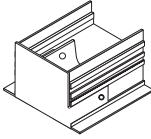
**NOTE:** DIFFUSER LENGTH MUST BE 1.50" SHORTER THAN NOMINAL LENGTH



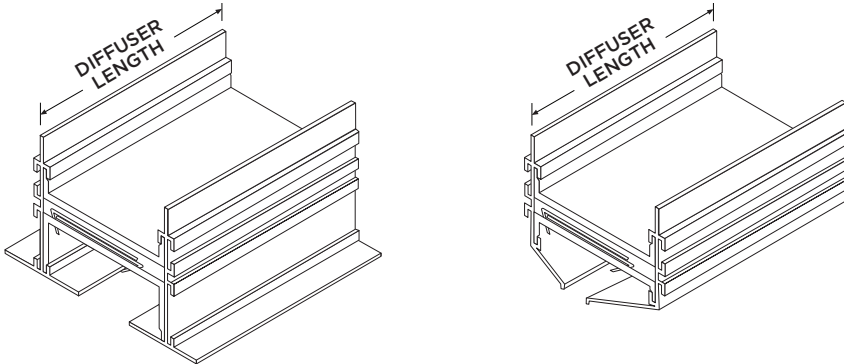
NOMINAL HVAC LENGTH	DIFFUSER LENGTH
24"	22.5" MAX
36"	34.5" MAX
48"	46.5" MAX
60"	58.5" MAX

**NAILOR DIFFUSER MODEL SELECTION**  
(ALL COMPONENTS SUPPLIED BY OTHERS)

	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	FLH10/1	AA	MM
	FLR10/1	AA	MM
	FLV10/1	AA	MM
	DIFFUSER MODEL	BORDER TYPE	END CONDITION
	FLH10/1	KK	CC
	FLV10/1	KK	CC

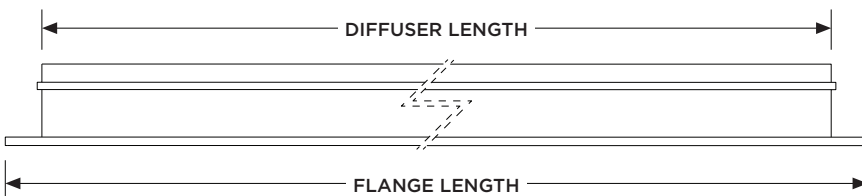
END CONDITION	
MM	
CC	

**NOTE:** DIFFUSER LENGTH MUST BE 1.50" SHORTER THAN NOMINAL LENGTH



NOMINAL HVAC LENGTH	DIFFUSER LENGTH
24"	22.5" MAX
36"	34.5" MAX
48"	46.5" MAX
60"	58.5" MAX

**NOTE:** FLANGE LENGTH CANNOT EXCEED NOMINAL LENGTH

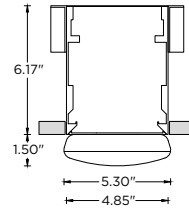
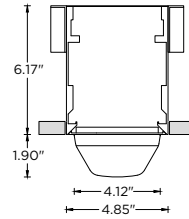


NOMINAL HVAC LENGTH	FLANGE LENGTH
24"	24" MAX
36"	36" MAX
48"	48" MAX
60"	60" MAX

**SD - SMOKE DETECTOR**



Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Smoke detector by others



**SDE EDWARDS - SIGA-PCD**  
Smoke + carbon monoxide detection  
Wired

**SPEC SHEET**

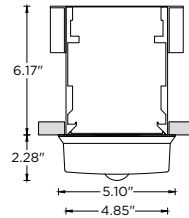
**SDG GOOGLE NEST PROTECT AND CO ALARM**  
Smoke + carbon monoxide detection  
Wired

**SPEC SHEET**

**ST - FIRE STROBE**



Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Fire strobe by others



**STK KIDDE P4010ACLEDS COCA**  
Fire Strobe + Smoke + carbon monoxide detection  
Wired, mounts to a junction box

**SPEC SHEET**

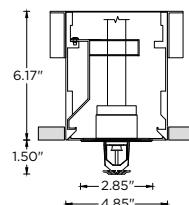
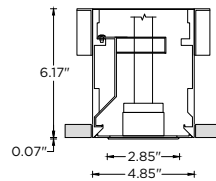
**FS - FIRE SPRINKLER CONCEALED**



**FS - FIRE SPRINKLER EXPOSED**



Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Fire sprinkler by others



**FSV VIKING VK462**  
Standard and concealed

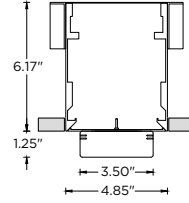
**SPEC SHEET**

NOTES:  
All integrated component photos may vary from items shown on this specification sheet  
Manufacturers or models not shown may be compatible with this 3Gi system  
Please contact 3G for other options and custom configurations

**WF - WIFI ACCESS POINT**



Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Wifi access point by others



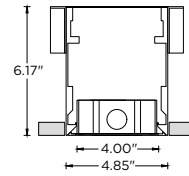
**WFC**  
**CISCO 145AC**  
2.4GHz & 5GHz  
Up to 867 Mbps

**SPEC SHEET**

**JB - JUNCTION BOX**



Machined aluminum faceplate and adapting hardware by 3G  
Faceplate powder coated to match housing finish  
4.85" x 6.00" long section  
Junction box by others



**JBO**  
**Standard octagonal J-box**  
4.00" diam x 1.50" deep

**SPEC SHEET**

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