

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Transparent lensed door provides a barrier between the room and the diffuser to discourage vandals and minimize contaminants
- Double or triple gasketing options available
- Ribbed acrylic diffuser shields LEDs from direct view
- Fully enclosed spring-loaded cam latches allow years of hassle-free maintenance
- T-slot steel hinge allows reversible hinging and latching and ensures positive retention when door is opened
- Optional anti-microbial white finish available for use in healthcare applications
- Made Right Here™ in the USA

SPECIFICATIONS

- HOUSING** – 22-gauge die-formed C.R.S.
- DOOR FRAME & LENS** – Transparent acrylic lens, .080” thick, mounted in .050” thick extruded aluminum door frame, flat with mitered corners
- REFLECTOR** – Precision die-formed C.R.S. with highly reflective, non-glare matte white polyester powder coated finish
- SHIELDING** – .125” frosted ribbed acrylic diffuser
- FINISH** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL** – High quality mid-power LED boards. L70 at 50,000 hours.
- MOUNTING** – NEMA Type “G” standard. NEMA Type “F” available.
- LISTINGS** –
 - CCSAUS certified as luminaire suitable for dry or damp locations.
 - City of Chicago Environmental Air approved when specified with CP option.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: DILG - S24 - L64/835 - FAD - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	CEILING TYPE	FIXTURE STYLE	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT
DIL	G NEMA Type “G” F NEMA Type “F” ^[2]	S Full door frame, no reveal	2 2'	2 2'	L25	8 80	27 2700K
					L32		30 3000K
			4 4'	L45	35 3500K		
				L51	40 4000K		
			2x4	L64	50 5000K		
				L89			

DOOR FRAME	SHIELDING	OPTIONS ^[3]
F Flat aluminum	AD Acrylic WPR White perforated round	EM/10WLP Low-profile 10-watt emergency battery ^[4] EQCLIPS Earthquake clips ^[5] DG Double gasket ^[6] TG Triple gasket ^[7] (L__) Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package. Example: 7,500 nominal lumens = DILG-S24-L89/835-(L75)
		CP Chicago plenum (CCEA) AMW Anti-microbial white finish DFK-2424W Drywall kit, 24” x 24”, white DFK-2448W Drywall kit, 24” x 48”, white

DRIVER ^[8]	VOLTAGE
DRV Non-dimming driver	120 120V
DIM Dimming driver	277 277V
	UNV 120-277V
	347 347V ^[9]

NOTES

- Lumen output based on 3500K/80CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- See page 3 for NEMA TYPE “F” INSTALLATION.
- See Technical Info for DRYWALL KIT and POWER ENTRY details.
- 120V-277V only.
- 4 clips per fixture.
- See page 3 for GASKETING DETAILS.
- See page 3 for GASKETING DETAILS..
- See page 3 for ADDITIONAL DRIVER OPTIONS.
- Not available with EM battery.



FIXTURE PERFORMANCE DATA

	LUMEN PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	L25	2534	23.2	109.2
	L32	3160	31.2	101.4
	L45	4560	47.2	96.6
2x4	L51	5199	49.5	105.0
	L64	6458	57.6	112.1
	L89	8975	83.2	107.9

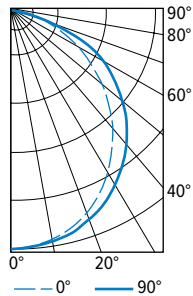
MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
2700K	0.97
3000K	0.99
3500K	1.00
4000K	1.03
5000K	1.06

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

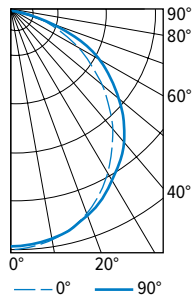
DILG-S22-L45/835-FAD Report #: 12609413.01; 11/28/18 | Total Luminaire Output: 4534 lumens; 46.4 Watts | Efficacy: 97.6 lm/W | 83.6 CRI; 3513K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1780	1780	1780	
5	1770	1766	1769	125
15	1683	1696	1714	274
25	1516	1551	1590	380
35	1281	1342	1409	428
45	1009	1089	1184	413
55	719	804	930	342
65	434	515	613	221
75	181	217	220	78
85	21	25	20	5
90	2	3	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2200	49
	0 - 60	3768	83
	0 - 90	4534	100
	0 - 180	4534	100

DILG-S24-L89/835-FAD Report #: 12609413.02; 11/28/18 | Total Luminaire Output: 8862 lumens; 81.5 Watts | Efficacy: 108.7 lm/W | 83.6 CRI; 3513K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	3423	3423	3423	
5	3454	3391	3389	242
15	3274	3243	3265	526
25	2946	2956	3016	728
35	2519	2586	2691	829
45	2004	2123	2247	805
55	1443	1583	1757	675
65	893	1044	1174	447
75	387	440	447	167
85	50	56	56	12
90	3	3	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	4230	48
	0 - 60	7293	82
	0 - 90	8862	100
	0 - 180	8862	100

ADDITIONAL DRIVER OPTIONS

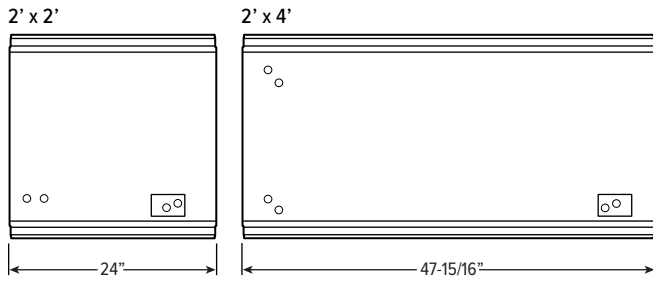
Note: Lumen restrictions apply, consult factory.

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (Must specify 120V or 277V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume® A-Series 1% dimming driver for forward phase line voltage controls (120V only)
LDE1	Lutron EcoSystem® H-Series 1% dimming driver for EcoSystem® controls
LDE5	Lutron EcoSystem® 5-Series 5% dimming driver for EcoSystem® controls
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

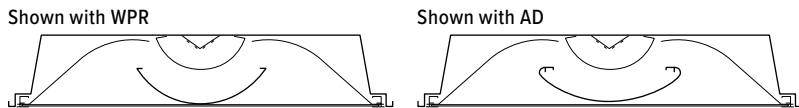


DIL LED Recessed Direct/Indirect Lensed

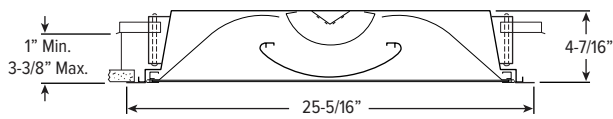
FIXTURE DETAILS



CROSS SECTIONS



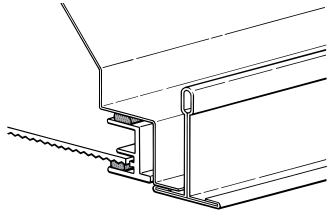
NEMA TYPE "F" INSTALLATION



Note: Maximum recommended ceiling opening is 24-3/8" x 24-38" for 2'x2' and 24-3/8" x 48-3/8" for 2'x4'. For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.

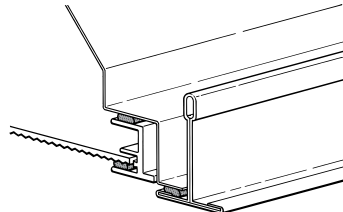
GASKETING DETAILS

DOUBLE GASKETING



Gasketing is factory-installed continuously between door frame and luminaire housing; and between door frame and lens.

TRIPLE GASKETING



Gasketing is factory-installed continuously between door frame and luminaire housing; and between door frame and lens. Gasketing between bottom perimeter of unit (adjacent to T-bar or hardpan ceiling) is provided by factory and field installed.