

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Transparent lensed door provides a barrier between the room and the diffuser to discourage vandals and minimize contaminants
- Ribbed acrylic diffuser shields LEDs from direct view
- 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 board. L70 > 50,000 hours per IES TM-21. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- 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 - L65/8TW - FAD - OPTIONS - DALI - UNV

ORDERING INFO

SERIES	CEILING TYPE	FIXTURE STYLE	WIDTH	LENGTH	LUMENS ^[1]	COLOR
DIL	G NEMA Type “G” F NEMA Type “F” ^[2]	S Full door frame, no reveal	2 2'	2 2'	2x2	8TW Tunable white (80 CRI, 3000K-5000K)
					L32	
			L45	4,500lm		
			2x4	L51	5,100lm	
					L65	6,500lm

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: 6,000 nominal lumens = DILG-S24-L65/8TW-(L60)
		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	VOLTAGE
DALI Driver prewired for DALI applications	120 120V
DIM (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT	277 277V
DMX Driver prewired for DMX applications	UNV 120-277V

NOTES

- ¹ Lumen output based on 4000K/80CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.
- ² See page 3 for NEMA TYPE “F” INSTALLATION.
- ³ See Technical Info for DRYWALL KIT and POWER ENTRY details.
- ⁴ 120V-277V only.
- ⁵ 4 clips per fixture.
- ⁶ See page 3 for GASKETING DETAILS.
- ⁷ See page 3 for GASKETING DETAILS.

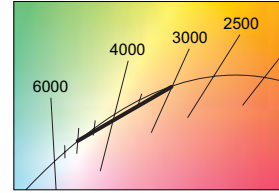
FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	L32	3215	35.9	89.6
	L45	4507	52.6	85.7
2x4	L51	5158	51.1	100.9
	L65	6525	63.1	103.5

- 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 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

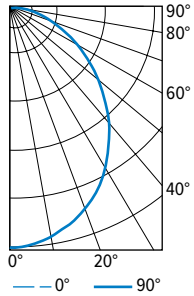
MULTIPLIER TABLE

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



PHOTOMETRY

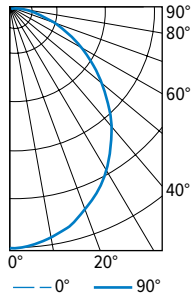
DILG-S22-L45/8TW-FAD Total Luminaire Output: 4507 lumens; 52.6 Watts | Efficacy: 85.7 lm/W



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1769	1769	1769	
5	1759	1755	1758	167
15	1673	1686	1704	475
25	1507	1542	1581	710
35	1273	1334	1401	834
45	1003	1083	1177	837
55	715	799	924	722
65	432	512	609	506
75	180	216	219	222
85	21	25	20	34
90	2	3	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1352	30
	0 - 40	2186	49
	0 - 60	3745	83
	0 - 90	4507	100
	0 - 180	4507	100

DILG-S24-L65/8TW-FAD Total Luminaire Output: 6525 lumens; 63.1 Watts | Efficacy: 103.4 lm/W

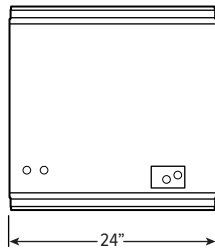


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2520	2520	2520	
5	2543	2497	2495	238
15	2411	2388	2404	676
25	2169	2176	2221	1007
35	1855	1904	1981	1194
45	1476	1563	1654	1205
55	1062	1166	1294	1050
65	657	769	864	754
75	285	324	329	345
85	37	41	41	57
90	2	3	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1920	29
	0 - 40	3114	48
	0 - 60	5369	82
	0 - 90	6525	100
	0 - 180	6525	100

FIXTURE DETAILS

2' x 2'

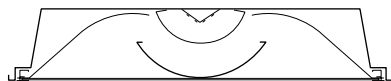


2' x 4'

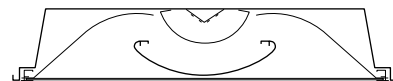


CROSS SECTIONS

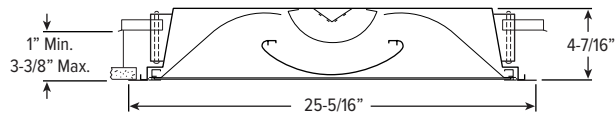
Shown with WPR



Shown with AD



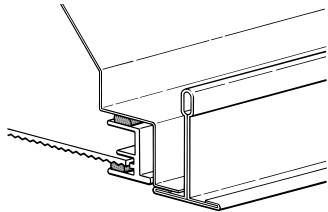
NEMA TYPE "F" INSTALLATION



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.

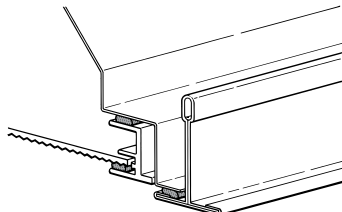
GASKETING DETAILS

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.

