

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Room-side access
- Slim 3-11/16" depth for shallow plenum applications
- Efficacies up to 132 lm/W
- Rated for direct contact with insulation
- Heavy duty C.R.S. construction
- Made Right Here™ in the USA

SPECIFICATIONS

- HOUSING/REFLECTOR** – Precision die-formed 22-gauge C.R.S.
- SHIELDING** – Diffuse acrylic.
- FINISH** – Highly reflective non-glare matte 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. L80 > 60,000 hours.
- MOUNTING** – NEMA Type "G" (1" nominal width grid system only). Drywall kit accessories available, ordered separately.
- LISTINGS** –
 - CCSAus certified as luminaire suitable for dry or damp locations.
 - IC-rated for direct contact with insulation.
 - City of Chicago Environmental Air approved when specified with CP option.
 - DesignLights Consortium Premium qualified product. Not all versions of this product may be DLC Premium qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
- WARRANTY** – 5-year limited fixture warranty, see hew.com/warranty.

ORDERING EXAMPLE: CT - 24 - L88/835 - A - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	WIDTH	LENGTH	LUMENS ⁽¹⁾	CRI	CCT	SHIELDING
CT	2 2'	2 2'	2x2	8 80	27 2700K	A Diffuse acrylic
		4 4'	L28 2,800lm		30 3000K	
			L36 3,600lm		35 3500K	
			L53 5,300lm		40 4000K	
			2x4		50 5000K	
			L28 2,800lm			
			L36 3,600lm			
			L49 4,900lm			
			L59 5,900lm			
			L88 8,800lm			

OPTIONS	DRIVER ⁽²⁾	VOLTAGE
EM/10WLP Low-profile 10-watt emergency battery (120-277V only) ⁽³⁾	DRV Non-dimming driver	120 120V
EQCLIPS (L__) Earthquake clips (4 per fixture)	DIM Dimming driver	277 277V
Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package. Example: 7,000 nominal lumens = CT-24-L88/835-(L70).		UNV 120-277V
		347 347V
AMW Anti-microbial white finish		
CP Chicago plenum (CCEA)		
DFK-2424W Drywall kit, 24" x 24", white		
DFK-2448W Drywall kit, 24" x 48", white		



NOTES

- Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- See page 2 for ADDITIONAL DRIVER OPTIONS.
- 2' x 4' only.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2x2	L28	2748	23.2	118.6
	L36	3550	32.9	107.9
	L53	5148	45.3	117.0
2x4	L28	2739	23.0	119.2
	L36	3553	32.8	108.2
	L49	4948	39.5	125.2
	L59	5809	47.6	122.0
	L88	8303	66.2	132.6

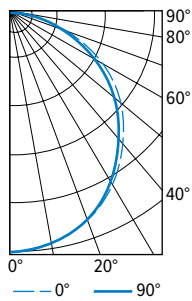
MULTIPLIER TABLE

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

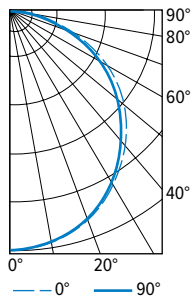
CT-22-L53/835-A-DIM Total Luminaire Output: 5148 lumens; 45.3 Watts | Efficacy: 117.0 lm/W | 84 CRI; 3520K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1796	1796	1796	
5	1790	1784	1784	43
15	1719	1720	1726	207
25	1589	1593	1603	342
35	1387	1403	1426	428
45	1156	1179	1216	459
55	897	931	967	433
65	618	653	683	351
75	339	361	376	226
85	95	98	101	86
90	4	10	5	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2268	44
	0 - 60	4012	78
	0 - 90	5148	100
	0 - 180	5148	100

CT-24-L88/835-A-DIM Total Luminaire Output: 8303 lumens; 66.2 Watts | Efficacy: 132.6 lm/W | 84 CRI; 3490K CCT | IES Spacing Criteria: End: 1.2, Across: 1.2



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2836	2836	2836	
5	2824	2821	2817	68
15	2717	2721	2728	327
25	2511	2524	2540	541
35	2221	2241	2270	682
45	1868	1902	1942	736
55	1460	1514	1560	702
65	1008	1067	1110	572
75	551	600	631	373
85	156	180	203	151
90	15	34	43	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	3602	43
	0 - 60	6418	77
	0 - 90	8303	100
	0 - 180	8303	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



BACK VIEW DETAILS

