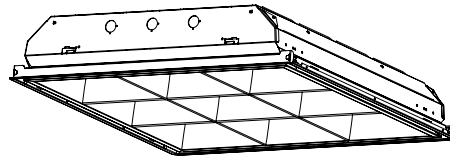


Recessed

LP3 paralouver 2x2

2 Lamp, TT5
9 or 16 cell



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

The Day-Brite / CFI LP3 paralouver recessed is designed to provide the optimum balance of visual comfort, luminaire efficiency, and low cost.

Ordering guide

Example: 2LP3GA2CF40R-33AL-UNV-1/2-EB-LPT835

Width	Family	Ceiling Type	Air Function	No. of Lamps (not included)	Lamp Type	Housing	Louver Config. (cells wide x cells long)	Louver Finish	Voltage	Options
2	LP3			2		R	—	—	—	
2 2'	LP3 LP3 paralouver	G Grid F Flange Z Z-Spline/ Modular	A Air supply C Combination (air & heat transfer) H Heat transfer S Static (no air function)	2	CF40 40WTT5 (24") CF50 50WTT5 (24") CF55 55WTT5 (24")	R Revised housing	33 3x3 44 4x4	AL Semi-specular anodized aluminum low iridescence W Matte white paint	120 277 347 UNV Universal Voltage 120-277V	1/2 One 2-lamp ballast APC Air pattern control blades ASC Snap out air slot covers DWC Deep wireway cover PAF Housing painted after fabrication EB Electronic ballast, <10% THD, std. ballast factor EB101 Electronic ballast, CF40 instant start, <10% THD EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control EBDX Advance Mark 10 dimming ballast, phase control EBD Electronic dimming ballast, customer specified E5 B50 emerg. ballast, U.S. or Canada market, 1100-1400 lumens, UNV F1 3/8" flex, 3 wire 18 gauge 6' F2 3/8" flex, 4 wire 18 gauge 6' F2/5W 3/8" flex, 5 wire 18 gauge 6' GLR Fusing, fast blow LPT830 Installed lamps, 80+ CRI, 3000K LPT835 Installed lamps, 80+ CRI, 3500K LPT841 Installed lamps, 80+ CRI, 4100K CHIC Chicago plenum rated

Accessories (order separately)

- **FMA22** 2'x2' "F" mounting frame for NEMA "F" mounting
- **FKDP22** Flange conversion kit 2x2

2LP3 LP3 paralouver recessed 2x2

2 lamp, TT5, 9 or 16 cell

Application

- Low-brightness troffer for most ceilings:
 - Grid inverted T (NEMA “G”)
 - Flange-type for concealed mechanical suspension (NEMA “F”)
 - Modular and “Z” spline (NEMA “M/Z”)
- Select one of the four air handling functions:
 - Static; non-air handling.
 - Heat transfer; air return through lamp compartment.
 - Air supply; (or air return) through side slots.
 - Combination; both heat transfer and air supply features listed above.
- Air boots by others.
- Air handling or combination models are available with optional factory installed snap-in air slot covers (ASC) or adjustable air pattern control blades (APC).
- Excellent visual comfort and inconspicuous appearance.

Construction/Finish

- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- Flat black finish inside perimeter reveal for “floating door” appearance.
- Factory installed access plate includes 7/8” hole, 7/8” knockout and grounding screw.
- T-bar grid clips built into fixture, no extra parts required. Designed for use with standard grid ceiling members, 1-1/2” maximum height.
- One-piece housing features integral end plates that increase rigidity and minimize damage from handling or shipping.

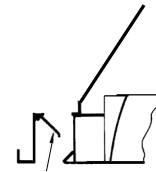
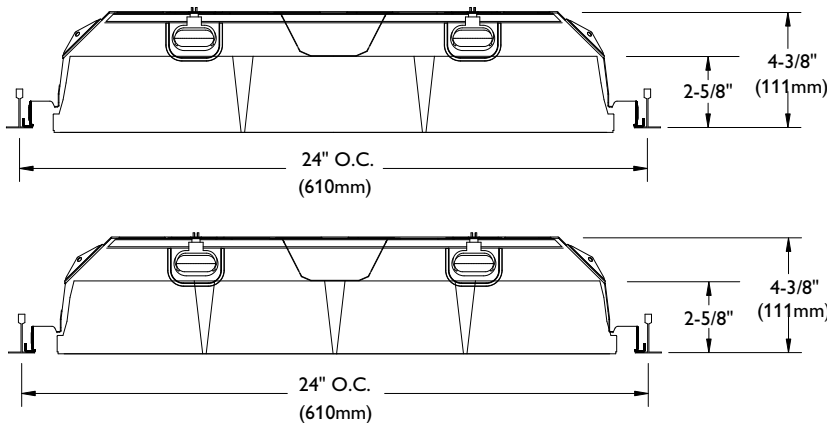
Electrical

- cULus listed for damp locations.
- Self-contained fluorescent emergency power packs can be incorporated.

Enclosure

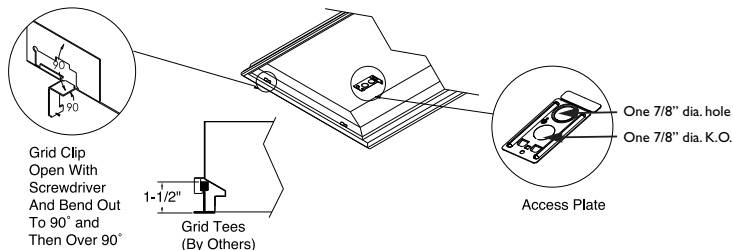
- Parabolic-shaped louvers closely controlled for uniform low- brightness appearance, and interlocked to avoid vibration.
- Choice of semi-specular (AL) low iridescence anodized aluminum or matte white paint louver finishes.
- 9 Cell: Lengthwise shielding is 21°. Crosswise shielding is 21°.
- 16 Cell: Lengthwise shielding is 27°. Crosswise shielding is 27°.
- Bottom aluminum flange has mitered corners and fits flush with ceiling.
- Can be hinged and latched from either side.
- Shipped with plastic film to keep out construction dirt.
- T-hinges are standard for positive support of the enclosure.
- Guide-post spring loaded latches are standard for ease of use and secure retention of the louver.

Dimensions



Optional Air Pattern Control (on Air and Combination Units)

- Fully adjustable
 - Closed= Static
 - 45°= Horizontal Air Supply
 - 90°= (fully open) – Vertical Air Supply
- Side Slots may also be used for Return Air to Plenum
- Snap-in Air Slot Covers (ASC) also available

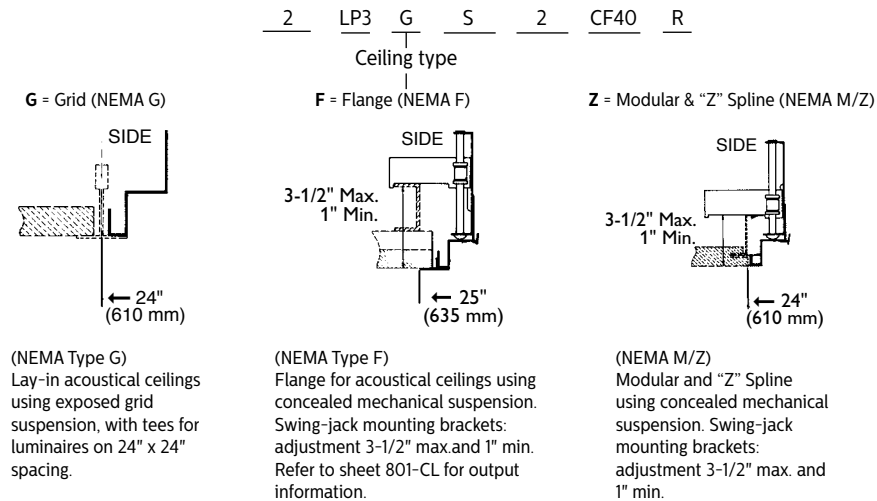


Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, “Contain Mercury” and/or the symbol “HG”. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

2LP3 LP3 paralouver recessed 2x2

2 lamp, TT5, 9 or 16 cell

Ceiling configuration



Photometry

LP3 2x2 2 Lamp 40WTT5 9 Cell

Efficiency – 74.5%

LER – 59

TER – 54

		Candlepower				Light Distribution				Average Luminance			
Catalog No.	2LP3GS2CF40R-33AL-1/2EB	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
Test No.	22744	0	1876	1876	1876	0-30	1503	23.9	32.0	45	5890	6308	7610
S/MH	1.4	5	1872	1879	1883	0-40	2479	39.3	52.8	55	5037	5772	5766
Lamp Type	40WTT5	10	1838	1871	1898	0-60	4295	68.2	91.5	65	2553	3094	3210
Lumens/Lamp	3150	15	1787	1852	1907	0-90	4696	74.5	100.0	75	516	462	502
Ballast Factor	0.96	20	1725	1814	1874					85	202	202	161
Input Watts	76	25	1646	1748	1806								
Comparative yearly lighting energy cost per 1000 lumens – \$4.07 based on 3000 hrs. and \$.08 pwr KWH. The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		30	1559	1651	1776								
		35	1455	1549	1672								
		40	1330	1422	1575								
		45	1185	1269	1531								
		50	1022	1129	1290								
		55	822	942	941								
		60	585	669	696								
		65	307	372	386								
		70	91	116	83								
		75	38	34	37								
		80	16	14	14								
		85	5	5	4								
		EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)											
pcc		80	70	50		80	70	50		80	70	50	
pw		70	50	30		70	50	30		70	50	30	
RCR													
0		89	89	89		86	86	86		82	82		
1		82	80	77		81	78	76		75	72		
2		76	70	67		73	69	66		67	64		
3		69	63	57		68	61	56		59	56		
4		64	56	51		63	55	50		54	48		
5		58	51	45		57	50	44		47	42		
6		55	46	40		54	45	39		44	39		
7		51	41	34		50	40	34		40	34		
8		47	38	32		46	36	32		35	30		
9		44	34	28		42	34	28		34	28		
10		41	32	26		40	32	26		30	26		

2LP3 LP3 paralouver recessed 2x2

2 lamp, TT5, 9 or 16 cell

LP3 2x2 2 Lamp 40WTT5 16 Cell		Efficiency – 68.9%				LER – 55		TER – 50				
Catalog No. 2LP3GS2CF40R-44AL-1/2-EB Test No. 22741 S/MH 2.0 Lamp Type 40WTT5 Lumens/Lamp 3150 Ballast Factor 0.96 Input Watts 76 Comparative yearly lighting energy cost per 1000 lumens – \$4.36 based on 3000 hrs. and \$0.08 pwr KWH. The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.	Candlepower				Light Distribution				Average Luminance			
	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
	0	1540	1540	1540	0-30	1168	18.5	26.9	45	4807	7441	10592
	5	1538	1528	1512	0-40	2058	32.7	47.4	55	3830	7317	8003
	10	1508	1468	1399	0-60	4124	65.5	95.0	65	574	1672	815
	15	1457	1359	1377	0-90	4341	68.9	100.0	75	190	285	299
	20	1410	1325	1413					85	81	161	161
	25	1344	1312	1464								
	30	1273	1317	1604								
	35	1188	1348	1843								
	40	1089	1422	1963								
	45	967	1497	2131								
	50	806	1446	1987								
	55	625	1194	1306								
	60	345	692	478								
	65	69	201	98								
	70	29	45	45								
	75	14	21	22								
	80	6	9	10								
	85	2	4	4								
Coefficients of Utilization												
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)												
pcc		80			70			50				
pw		70	50	30	70	50	30	50	30			
RCR												
0		81	81	81	80	80	80	77	77			
1		76	73	70	75	71	69	68	68			
2		69	65	60	68	64	60	61	58			
3		65	57	53	63	56	52	55	51			
4		58	52	46	57	51	46	48	45			
5		54	46	40	53	45	40	44	39			
6		50	40	34	48	40	34	39	34			
7		46	36	30	45	36	30	35	30			
8		42	34	28	41	33	28	32	28			
9		40	30	25	39	29	25	29	25			
10		36	28	23	35	28	23	27	23			

