

RND-4 shown with FXA lens

CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Flat, convex, or concave lens profile adds visual interest to a variety of applications
- Provides soft, uniform ambient illumination
- Adjustable ring and lens assembly provides clean appearance
- Inner flange prevents light leaks
- Lift-and-twist lens assembly allows for easy maintenance
- Support human-centric design with adaptive, individualized lighting using tunable white
- Drywall or grid system installation
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 20-gauge C.R.S.
- SHIELDING – Frosted acrylic lens, .125" thick.
- FINISH – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal on reflective surfaces. Textured matte white powder after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. L85 at 50,000 hours per IES TM-21. 50/60 Hz constant current driver. 25°C maximum ambient operating temperature. Tunable White products use LEDs of multiple shades of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING – For installation in NEMA Type "G", "SS", or "F" ceiling systems. Earthquake clips are standard. Fixture must be installed prior to ceiling system installation.
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - City of Chicago Environmental Air approved when specified with CP option.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: RND - 4 - L200/835 - FXA - OPTIONS - CONTROL/DIM - UNV

SERIES	DIAMETER	LUMENS ^[1]	CRI	CCT	LENS ^[2]	
RND	2 2'	2'	8 80	27	2700K	FXA Frosted convex acrylic lens
	3 3'	L22 2,200lm	9 90	30	3000K	FCA Frosted concave acrylic lens
	4 4'	L45 4,500lm		35	3500K	FFA Frosted flat acrylic lens
		L83 8,300lm		40	4000K	
		3'		50	5000K	
		L67 6,700lm		TW	Tunable white (3000K-5000K)	
		L150 15,000lm		TW2	Tunable white (2700K-6500K)	
		4'				
		L111 11,100lm				
		L200 20,000lm				

OPTIONS

- EM/10W 10-watt emergency battery^[3]
- (L_) Additional lower lumen packages available^[4]
Example: 9,500 nominal lumens = RND-4-L111/835-FXA-(L95)
- CP Chicago plenum (CCEA)

CONTROL

Click [HERE](#) for control and sensor options.

– None

DRIVER

- See page 3 for [ADDITIONAL DRIVER OPTIONS](#).
- DIM Driver with external 0-10V dimming wires
- DIM1 1% Driver with external 0-10V dimming wires
- DRV Driver without external dimming wires^[5]

VOLTAGE

- 120 120V
- 277 277V
- UNV 120-277V

NOTES

¹ Nominal lumen output based on FXA shielding, 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see options.

² See page 3 for FIXTURE DETAILS.

³ 120V - 277V only.

⁴ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.

⁵ Not available with tunable white.



FIXTURE PERFORMANCE DATA

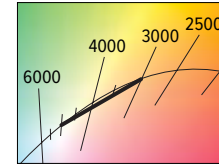
	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
2'	L22	2276	28.3	80
	L45	4582	56.6	81
	L83	8376	106.1	79
3'	L67	6702	66.4	101
	L150	15196	153.7	99
4'	L111	11234	106.5	105
	L200	20167	204.7	99

- Photometrics tested in accordance with IESNA LM-79. Results based on FXA shielding, 80 CRI, 3500K for static white and 4000K for tunable white, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.
- POE PR fixture efficacy is typically 10-12% higher than shown at same lumen level. Consult factory during project design phase for details.

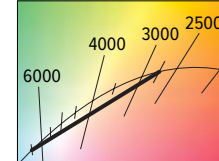
MULTIPLIER TABLE

	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
6500K	-	-	-	1.01
90 CRI	2700K	0.80	-	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
6500K	-	-	-	1.02

TW

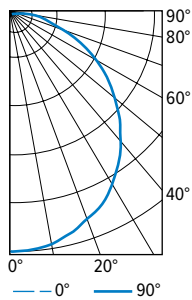


TW2



PHOTOMETRY

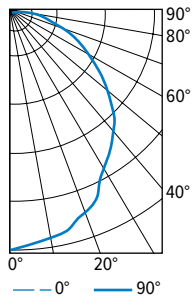
RND-2-L83/835-FXA Total Luminaire Output: 8376 lumens; 106.1 Watts | Efficacy: 78.9 lm/W | 80.0 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2979	2979	2979	
5	2986	2971	2964	283
15	2873	2866	2862	809
25	2655	2651	2647	1219
35	2342	2327	2335	1454
45	1943	1928	1936	1487
55	1465	1491	1461	1325
65	1009	1021	998	1000
75	569	565	542	587
85	192	188	188	214
90	83	68	60	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2310	28
	0 - 40	3764	45
	0 - 60	6576	79
	0 - 90	8376	100
	0 - 180	8376	100

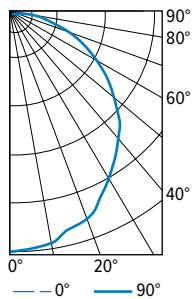
RND-3-L150/835-FXA Total Luminaire Output: 15196 lumens; 153.7 Watts | Efficacy: 98.9 lm/W | 80.0 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	5684	5684	5684	
5	5607	5607	5607	533
15	5347	5358	5368	1508
25	4870	4882	4882	2220
35	4062	4078	4069	2548
45	3467	3472	3467	2657
55	2668	2979	2663	2384
65	1829	1829	1833	1813
75	1006	1006	1006	1078
85	362	358	362	413
90	151	144	151	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	4261	28
	0 - 40	6809	45
	0 - 60	11851	78
	0 - 90	15155	100
	0 - 180	15196	100

RND-4-L200/835-FXA Total Luminaire Output: 20167 lumens; 204.7 Watts | Efficacy: 98.5 lm/W | 80.0 CRI; 3500K CCT



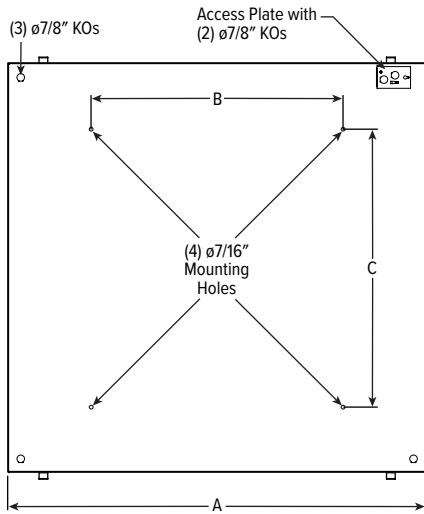
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	7308	7308	7308	
5	7148	7139	7139	680
15	6780	6784	6780	1925
25	6287	6276	6276	2889
35	5455	5455	5455	3418
45	4651	4642	4651	3557
55	3582	3582	3570	3178
65	2466	2460	2457	2431
75	1337	1329	1337	1445
85	495	495	501	567
90	211	211	211	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	5494	27
	0 - 40	8912	44
	0 - 60	15647	78
	0 - 90	20089	100
	0 - 180	20167	100

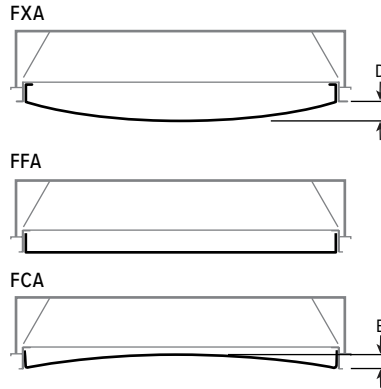


FIXTURE DETAILS

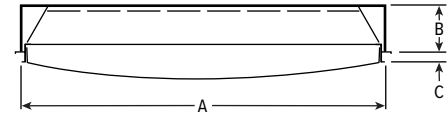
BACK VIEW



LENS PROFILES



CROSS SECTIONS



FIXTURE SIZE	A (DIA.)	B	C	
			MIN.	MAX.
2'	23"	6-1/16"	1-1/4"	2"
3'	35"	6-1/16"	1-1/4"	2"
4'	47"	6-1/16"	1-1/4"	2"

SERIES	A	B	C	D	E	CUTOUT SIZES
RND-2	24"	14"	10"	1-9/16"	1-1/2"	ø22-1/4" ±1/4"
RND-3	36"	20"	24"	2-1/16"	1-1/2"	ø34-1/4" ±1/4"
RND-4	48"	29"	32"	2-9/16"	1-1/2"	ø46-1/4" ±1/4"

NOTE: Fixture must be installed prior to ceiling system installation.

ADDITIONAL DRIVER OPTIONS

Note: Restrictions may apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV ^[1]	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications (tunable white: (1) 0-10V signal controls dimming and (1) 0-10V signal controls CCT)
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE ^[1]	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC ^[1]	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power, without external dimming wires (not available with 347V)
DSR	DALI-2 sensor-ready driver without external dimming wires (Not available with 347V. Static CCTs use D4i DALI-2 driver)
DALI	DALI dimming driver
DMX	Driver prewired for DMX applications
SD40 ^[1]	40% step-dimming driver
SD50 ^[1]	50% step-dimming driver
LDE1 ^[1]	Lutron Hi-lume 1% EcoSystem dimming driver
LD2	Lutron DALI-2 digital driver, 1%
PoE PR	Power over Ethernet-ready, fixture powered and controlled by remote UL- or CSA-listed PoE driver

¹ Single CCT only.

TUNABLE WHITE DRIVER DETAILS

