

LEDVANCE LUMINAIRES

LUMEN SELECTABLE

VOLUMETRIC TROFFER

LEDVANCE LUMINAIRE SPECIFICATION DATA

Catalog #	Comments
Project	
Type	
Prepared by	

VALUE CLASS™



APPLICATION

The Value Class Lumen Selectable Volumetric Troffer is offered in three sizes (1'x4', 2'x2', and 2'x4') and is ideal for illuminating offices, retail spaces, hallways, multipurpose rooms and hospitality areas.

BENEFITS & FEATURES

- Lumen selectability increases the versatility of this product
- All models are DLC Standard
- Ideal in retrofit applications, offering significant energy savings when compared to traditional lighting technologies
- Additional energy savings can be obtained by taking advantage of the standard 0-10V dimming driver
- Damp Rated
- Up to 125 LPW
- 3500K, 4000K or 5000K color temperature
- 0-10V dimmable
- CRI >80



ELECTRICAL

- 120-277 V_{AC}
- Power Factor >0.9
- THD <20%
- Dimmable 0-10V

OPERATING TEMPERATURE

- -4°F to +113°F (-20°C to +45°C)

CERTIFICATIONS & LISTINGS

- cULus
- RoHS
- FCC
- ETL Sanitation Listed
- DLC Standard
- Damp Rating

RATED LIFE

- 50,000 hours (L₇₀)

WARRANTY

- 5 year
- NLB Trusted Warranty Program

ORDERING GUIDE

VOLUME	5B	S0XX	UNV	D	8	XX	XX	U	WH	XX
PRODUCT NAME	GENERATION	SELECTABLE WATTAGE	VOLTAGE	DIMMING	CRI	CCT	SIZE	MOUNTING	COLOR/ FINISH	OPTIONS
VOLUME = Volumetric Troffer	5B = Generation 5B	S030 = 20, 25 or 30W S035 = 25, 30 or 35W S045 = 34, 38 or 45W	UNV = 120-277V	D = 0-10V	8 = >80	35 = 3500K 40 = 4000K 50 = 5000K	14 = 1' x 4' 22 = 2' x 2' 24 = 2' x 4'	U = Universal Mounting	WH = White	Blank = no option A3 = Lutron Vive integral fixture control with sensor

ORDERING INFORMATION

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIMMING	CRI	COLOR TEMP	LUMENS (LM)	DLC	LPW	OPTIONS
66647	VOLUME5BS030UNVD83514UWH	20/25/30	120-277	0-10V	>80	3500K	2500/3125/3750	Standard	125	-
66648	VOLUME5BS030UNVD84014UWH	20/25/30	120-277	0-10V	>80	4000K	2500/3125/3750	Standard	125	-
66649	VOLUME5BS030UNVD85014UWH	20/25/30	120-277	0-10V	>80	5000K	2500/3125/3750	Standard	125	-
66638	VOLUME5BS030UNVD83522UWH	20/25/30	120-277	0-10V	>80	3500K	2500/3125/3750	Standard	125	-
66639	VOLUME5BS030UNVD84022UWH	20/25/30	120-277	0-10V	>80	4000K	2500/3125/3750	Standard	125	-
66640	VOLUME5BS030UNVD85022UWH	20/25/30	120-277	0-10V	>80	5000K	2500/3125/3750	Standard	125	-
66641	VOLUME5BS035UNVD83524UWH	25/30/35	120-277	0-10V	>80	3500K	3125/3750/4375	Standard	125	-
66642	VOLUME5BS035UNVD84024UWH	25/30/35	120-277	0-10V	>80	4000K	3125/3750/4375	Standard	125	-
66643	VOLUME5BS035UNVD85024UWH	25/30/35	120-277	0-10V	>80	5000K	3125/3750/4375	Standard	125	-
66644	VOLUME5BS045UNVD83524UWH	34/38/45	120-277	0-10V	>80	3500K	4250/4750/5625	Standard	125	-
66645	VOLUME5BS045UNVD84024UWH	34/38/45	120-277	0-10V	>80	4000K	4250/4750/5625	Standard	125	-
66646	VOLUME5BS045UNVD85024UWH	34/38/45	120-277	0-10V	>80	5000K	4250/4750/5625	Standard	125	-

ORDERING INFORMATION (CONTINUED)

ITEM #	ORDERING ABBREVIATION	WATTAGE (W)	INPUT VOLTAGE (V)	DIMMING	CRI	COLOR TEMP	LUMENS (LM)	DLC	LPW	OPTIONS
66789	VOLUME5BS030UNVD83522UWHA3	20/25/30	120-277	0-10V	>80	3500	2500/3125/3750	Standard	125	Lutron Vive integral fixture control w/ sensor
66790	VOLUME5BS030UNVD84022UWHA3	20/25/30	120-277	0-10V	>80	4000	2500/3125/3750	Standard	125	Lutron Vive integral fixture control w/ sensor
66791	VOLUME5BS030UNVD85022UWHA3	20/25/30	120-277	0-10V	>80	5000	2500/3125/3750	Standard	125	Lutron Vive integral fixture control w/ sensor
66792	VOLUME5BS035UNVD83524UWHA3	25/30/35	120-277	0-10V	>80	3500	3125/3750/4375	Standard	125	Lutron Vive integral fixture control w/ sensor
66793	VOLUME5BS035UNVD84024UWHA3	25/30/35	120-277	0-10V	>80	4000	3125/3750/4375	Standard	125	Lutron Vive integral fixture control w/ sensor
66794	VOLUME5BS035UNVD85024UWHA3	25/30/35	120-277	0-10V	>80	5000	3125/3750/4375	Standard	125	Lutron Vive integral fixture control w/ sensor
66795	VOLUME5BS045UNVD83524UWHA3	34/38/45	120-277	0-10V	>80	3500	4250/4750/5625	Standard	125	Lutron Vive integral fixture control w/ sensor
66796	VOLUME5BS045UNVD84024UWHA3	34/38/45	120-277	0-10V	>80	4000	4250/4750/5625	Standard	125	Lutron Vive integral fixture control w/ sensor
66797	VOLUME5BS045UNVD85024UWHA3	34/38/45	120-277	0-10V	>80	5000	4250/4750/5625	Standard	125	Lutron Vive integral fixture control w/ sensor
66798	VOLUME5BS030UNVD83514UWHA3	20/25/30	120-277	0-10V	>80	3500	2500/3125/3750	Standard	125	Lutron Vive integral fixture control w/ sensor
66799	VOLUME5BS030UNVD84014UWHA3	20/25/30	120-277	0-10V	>80	4000	2500/3125/3750	Standard	125	Lutron Vive integral fixture control w/ sensor
66800	VOLUME5BS030UNVD85014UWHA3	20/25/30	120-277	0-10V	>80	5000	2500/3125/3750	Standard	125	Lutron Vive integral fixture control w/ sensor

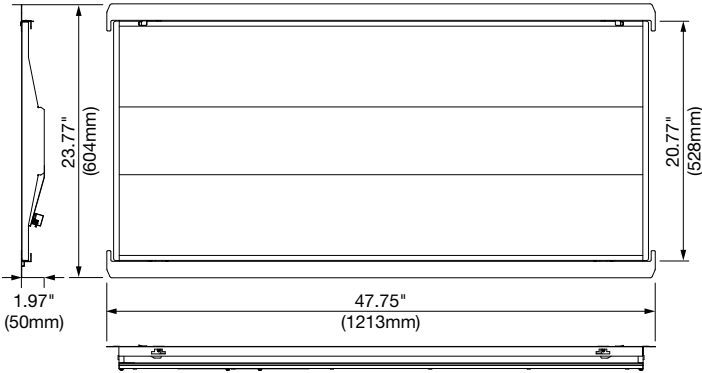
WATTAGE COMPARISON

TRADITIONAL SOURCE	TRADITIONAL SYSTEM WATTAGE	LED SYSTEM WATTAGE	ENERGY SAVINGS
2x28W T8	49	20	59%
2x32W T8	56	25	55%
3x28W T8	64	30	53%
3x32W 18	75	34	55%
4x28W T8	97	38	61%
4x32W T8	116	45	61%

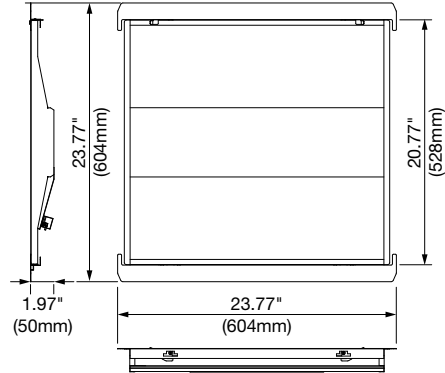
PHYSICAL INFORMATION

PRODUCT DESCRIPTION	LENGTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)
1 x 4	47.75 (1213)	11.9 (302)	1.97 (50)
2 x 2	23.77 (604)	23.77 (604)	1.97 (50)
2 x 4	47.75 (1213)	23.77 (604)	1.97 (50)

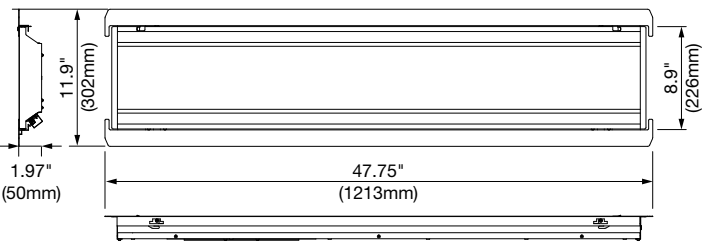
2 x 4



2 x 2



1 x 4



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