ENCHANT CCT-Selectable Vanity

RAB®

ENCT-24BN

ENCT-36BN

ENCT-48BN

ENCT-BN

NO COMPROMISE 5 YEAR WARRANTY

CAN BE USED TO COMPLY WITH 2022 TITLE 24 PART 6 HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS

ETL Listed Intertek US

KEY FEATURES

- Steel housing with a shatter-resistant polycarbonate lens
- 5CCT Selectable **2700/3000/3500/4000/5000K**
- 120V driver with TRIAC/ELV dimming down to 10%
- **Brushed Nickel** finishes for classic style
- Damp rated
- Title 24 Compliant
- 50,000 hrs
- 5-year no compromise warranty

Vanity lighting with traditional charm

| CCT ADJUSTABLE | 90 CRI | 50,000 HOURS | DAMP RATED | 120V | TRIAC/ELV | FCC | ROHS |

PERFORMANCE

Catalog Number	Product Type	Length	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Color Temperature	CRI	L70 Lifespan
ENCT-BN	Wall sconce	10"	150W Incandescent	20W	1500 lm	75 lm/W	TRIAC/ELV	120V	Field-adjustable via dip switch 2700/3000/ 3500/4000/5000K	90+	50,000 hr
ENCT-24BN	Vanity	24"	220W Incandescent	28W	2200 lm	80 lm/W					
ENCT-36BN	Vanity	36"	320W Incandescent	38W	3200 lm	85 lm/W					
ENCT-48BN	Vanity	48"	420W Incandescent	50W	4200 lm	84 lm/W					

ENCHANT CCT-Selectable Vanity

RAB®

PHOTOMETRICS

Catalog Number	Rated Wattage (W)	CCT (K)	Lumens (lm)	Efficacy (lm/W)	Wattage Equivalency (W)
ENCT-BN	20W	2700K	1,637	82.4	150W
		3000K	1,709	86.2	
		3500K	1,772	89.6	
		4000K	1,784	90.4	
		5000K	1,728	87.2	
ENCT-24BN	28W	2700K	2,540	93.2	220W
		3000K	2,619	96.3	
		3500K	2,699	99.6	
		4000K	2,719	100.4	
		5000K	2,611	95.5	
ENCT-36BN	38W	2700K	3,205	84.3	320W
		3000K	3,311	87.0	
		3500K	3,449	91.0	
		4000K	3,485	92.0	
		5000K	3,344	87.5	
ENCT-48BN	50W	2700K	4,210	84.6	420W
		3000K	4,330	86.9	
		3500K	4,544	91.7	
		4000K	4,572	92.4	
		5000K	4,424	89.0	

ENCHANT CCT-Selectable Vanity

RAB®

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Vanity and wall sconce

Length
Wall sconce - 10"
Vanity - 24", 36", 48"

Shape
Linear with rounded half circle lens

Housing Material
Die-cast aluminum housing

Finish
Brushed nickel

Lens Material
Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

Lens Finish
Frosted white lens

INSTALLATION

Installation Method
Wall bracket & Wire Nuts included to attach to standard junction box and connect to mains voltage.

Installation Orientation
Horizontal or vertical

Mounting
Wall mount

ELECTRICAL

Dimmable
Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage
120V

Operating Frequency
60Hz

Operating Temperature
-4°F to 104°F *(-20℃ to 40℃)*

THD
<50%

Power Factor
>0.9

Flicker
<30%

LED CHARACTERISTICS

Beam Angle
140°

Color Temperature
Field-adjustable via dip switch 2700/3000/3500/4000/5000K

Color Accuracy (CRI)
>90

R9 Value
High color performance with R9 greater than 50

Color Consistency
<7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

COMPLIANCE

ETL Listed
This product has been tested by Intertek and found in compliance with accepted national standards.

Environment
Suitable for use indoors in dry and damp environments.

California Title 24 JA8 Compliant
Can be used to conform with the requirements of California Title 24 Part 6.

California Energy Commission (CEC) Status
Lawful for Sales in California

IESNA LM-79 & LM80 Testing
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

FCC
Complies with Part 15 of the FCC Rules.

RoHS
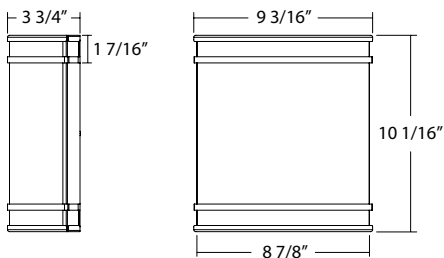Mercury and UV free. RoHS-compliant components.

OTHER

Warranty
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.
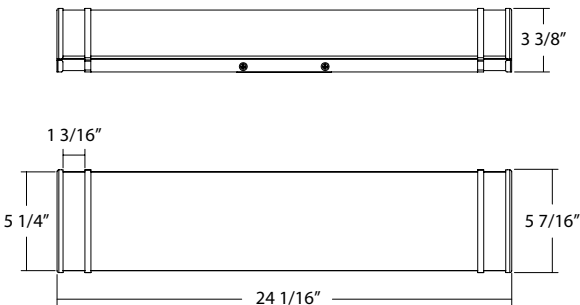
DIMENSIONS

ENCT-BN
Weight: 2.14 lbs

3 3/4″ · 1 7/16″ · 9 3/16″ · 10 1/16″ · 8 7/8″

ENCT-24BN
Weight: 2.87 lbs

3 3/8″ · 1 3/16″ · 5 1/4″ · 5 7/16″ · 24 1/16″

ENCT-36BN
Weight: 3.48 lbs

36″ · 5 3/8″ · 1 13/16″ · Φ 2 3/4″ · Φ 3 7/16″ · 5″ · 4 5/16″ · 3 5/16″ · 4 1/2″

ENCT-48BN
Weight: 4.32 lbs

48″ · 5 3/8″ · 1 13/16″ · 1 3/16″ · 3 5/16″ · 4 1/2″ · 4 5/16″ · Φ 2 3/4″ · Φ 3 7/16″ · 5″

ENCHANT CCT-Selectable Vanity

RAB®
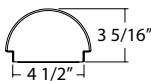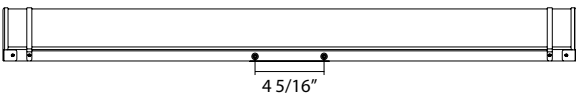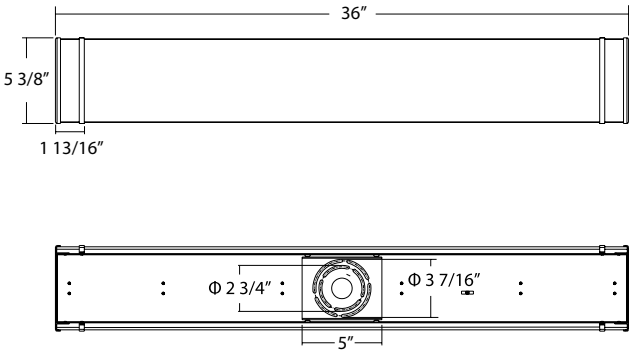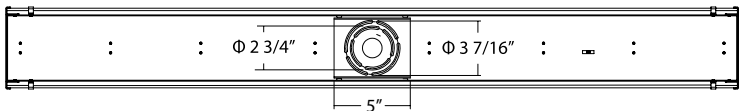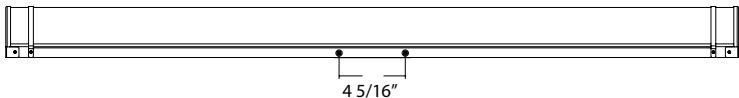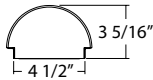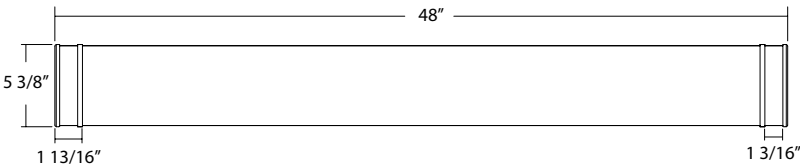
ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
ENCT-BN	V002(ENCT-BN)	192552039246	4
ENCT-24BN	V004(ENCT-24BN)	192552039260	4
ENCT-36BN	V007(ENCT-36BN)	192552039291	4
ENCT-48BN	V010(ENCT-48BN)	192552039321	4

ORDERING MATRIX

Family	Size/Wattage		Shape		CRI/Color Temp		Driver		Finish	
ENCT										BN
	Blank	Wall sconce -10", 20W	Blank	Round	Blank	90 CRI; Field-Adjustable 2700/3000/3500/4000/5000K	Blank	120V; TRIAC/ELV	BN	Brushed Nickel
	24	Vanity - 24", 28W								
	36	Vanity - 36", 38W								
	48	Vanity - 48", 50W								

ENCHANT CCT-Selectable Vanity
Dimmer Compatibility List

RAB

		Dimmers			Lamp Quantities
Number	Dimmer Brand	Series	Model	Load	1 Lamp
1	LUTRON	SKYLARK	S-600	600W	✔
2	LUTRON	~	153P	500W	✔
3	LEVITON	SURESLIDE	6633-P	600W	✔
4	LUTRON	RadioRA 2	RRD-10ND	1000W	✔
5	LUTRON	Diva	DVCL-153P	150W CFL/LED; 600W INC/HAL	✔
6	LUTRON	Ariadni	AY-600P	600W	✔
7	LUTRON	SKYLARK	CTCL-153P	150W CFL/LED; 600W INC/HAL	✔
8	LEGRAND	~	LS603PWV	600W	✔
9	LUTRON	TOGGLER	TGCL-153P	150W CFL/LED; 600W INC/HAL	✔
10	LUTRON	SKYLARK	S-600P	600W	✔
11	LUTRON	SKYLARK	S-603PG	600W	✔
12	LUTRON	Lumea	LGCL-153PL	150W CFL/LED; 600W INC/HAL	✔
13	LUTRON	Lumea	LG-603P	600W	✔
14	LUTRON	Rotany	D-600P	600W	✔
15	LEVITON	Decora	6631-L	600W	✔
16	LEVITON	Decora	6681	600W	✔
17	LEVITON	SURESLIDE	6613-P	600W	✔
18	LEVITON	ILLUMATECH	IPI06-1LZ	600W INC	✔
19	LUTRON	~	D-600PH-DK	600W	✔
20	LEVITON	Vizia	VPE06	400W	✔
21	LUTRON	Maestro	MACL-153M	150W CFL/LED; 600W INC/HAL	✔
22	LUTRON	SKYLARK	CTELV-303P	300W	✔
23	LUTRON	Diva	DVELV-300P	300W	✔
24	LUTRON	SKYLARK	SELV-300P	300W	✔
25	LEVITON	Decora	6674	150W CFL/LED; 600W INC/HAL	✔
26	LUTRON	SKYLARK	SCL-153P	150W CFL/LED; 600W INC/HAL	✔
27	LUTRON	Nova	NLV-600	600VA/450W	✔
28	LUTRON	RadioRA 2	RRD-6NA-WH	600W INC/ELV/BTE/BVE; 450W/600VA MLV/BTM/BVM	✔
29	LEVITON	Decora	6672	150W	✔
30	LUTRON	~	PD-6WCL-WH Caseta	600w	✔
31	LUTRON	Diva	DVLV-600P	600W	✔
32	LEGRAND	~	RHCL453P	450W	✔
33	LEGRAND	~	RH703P	700W	✔
34	LEGRAND	~	ADPD703H	700W	✔