

VEROLINA 4" LINEAR LED STEP/WALL LIGHT

4" Linear LED Step/ Wall Lights with COB technology provide elegant edge lighting, enhancing contemporary and modern staircases with a sleek, sophisticated touch. Available in four stylish colors, these step lights offer uniform illumination, improving both safety and aesthetics. Designed by Veroboard - Made in Canada.

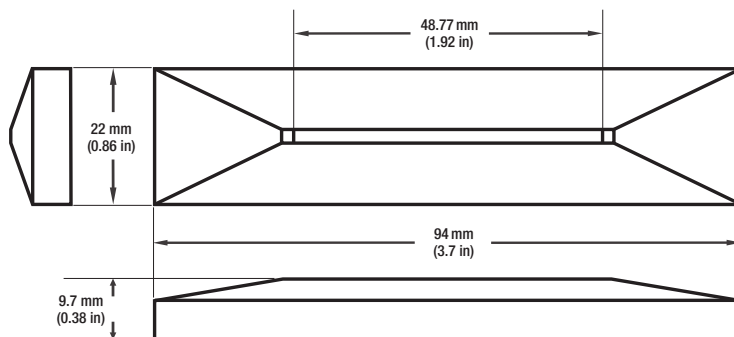


SPECIFICATIONS

Model No:	VBD-COB-24V-100L-xxxx-STP4-xx
Voltage:	24V DC
Wattage:	0.6W
LED Driver:	IC Rated
Available Color Temperatures:	2700K-3000K-3500K-4000K-5000K
Brightness:	100 Lumens
LED Type:	COB
Rendering Index:	CRI>90
Beam Angle:	80°
Fixture Material:	Aluminum
Available Fixture Colors:	White, Black, Silver Grey, Gold
Rated Life:	50,000 Hours
IP Rating:	IP20 (Indoor Rated)
Dimmable:	Yes
Cable Length:	2ft
Dimensions:	94mm x 22mm x 9.7mm (3.7" x 0.86" x 0.38")
Certification:	ETL

FEATURES:

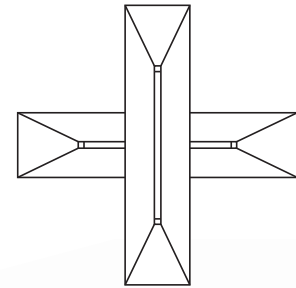
- **Available 5CCT Color Temperatures:** Customize lighting from 2700K (soft white) to 5000K (daylight).
- **Energy-Efficient Performance:** Operates at just 0.6W delivering 100 lumens of bright, even illumination.
- **Long-Lasting & Durable:** 50,000-hour lifespan for reliable indoor and outdoor use.
- **Compact & Easy Installation:** Fits standard single gang or outlet boxes with no additional transformer required.
- **Modern & Sleek Design:** Available in Silver Grey, White, Black, and Gold
- **24V DC Low-Voltage Operation:** Safe, efficient, and ideal for various step lighting applications.



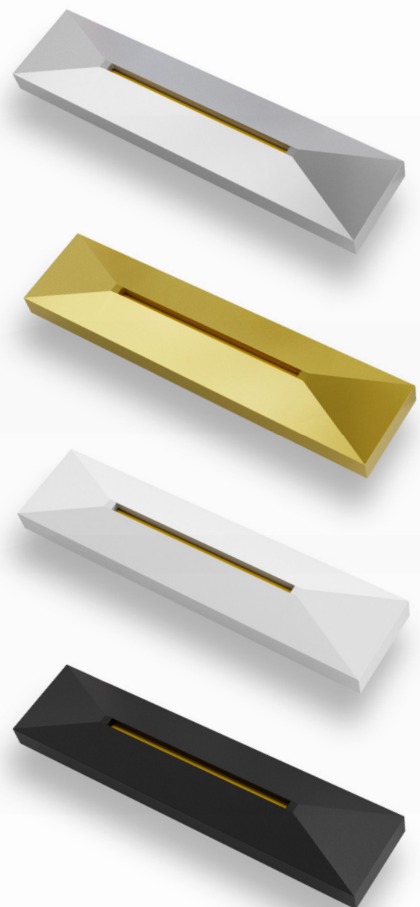
Job Name: _____

Distributor: _____

Type: _____



Vertical or Horizontal Mounting Options



Available color temperature options



PART NUMBER BUILDER / ORDERING GUIDE

Example part number: **VBD-COB-24V-100L - 30K - STP4 - SILVER**

MODEL	COLOR TEMPERATURE	FIXTURE TYPE	BODY COLOR
VBD-COB-24V-100L	XXXX 2700K•3000K•3500K 4000K•5000K	STP4	XXXX Black White Silver Gold

Disclaimer:

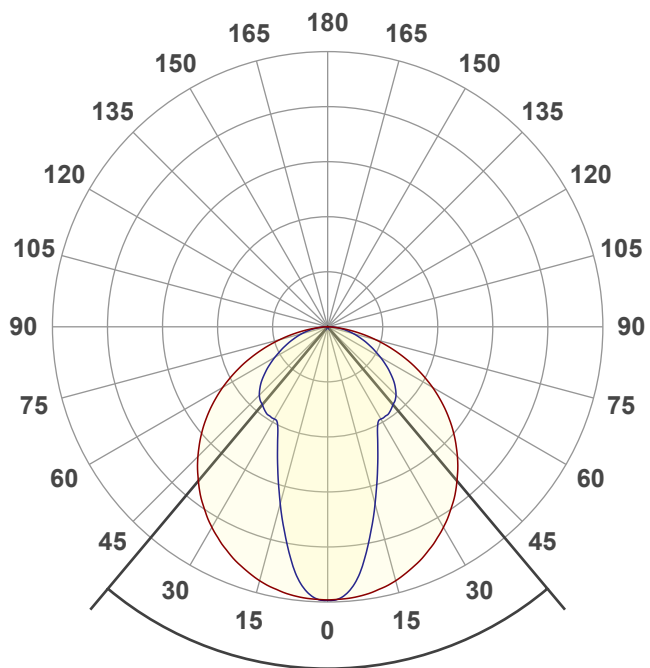
The data and information contained in this specification sheet are subject to change without notice; the ratings supplied are provided based on the product manufacturer. The information contained in this specification sheet should not be considered a warranty, expressed or implied, including, but not limited to, a warranty of merchantability or fitness for a particular purpose. In no event shall Veroboard be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.

Light quality:

CRI: 96.6

Color temperature:

3000 K



Beam angle

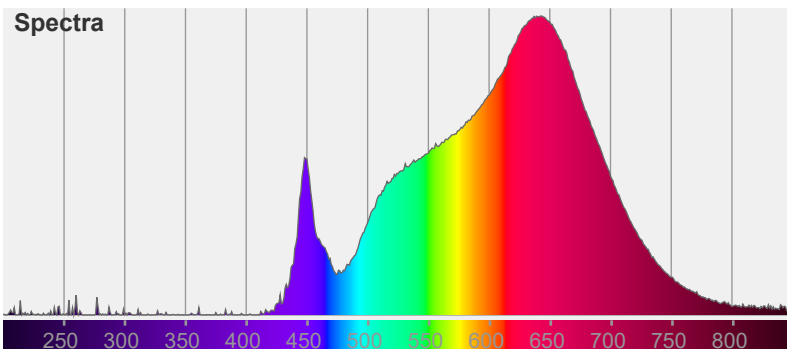
80°

Color



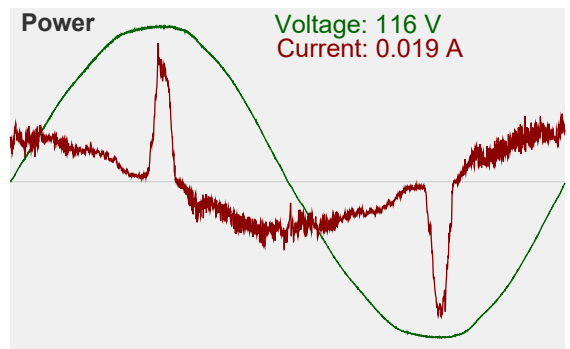
CIE1931
x: 0.444
y: 0.400

Spectra

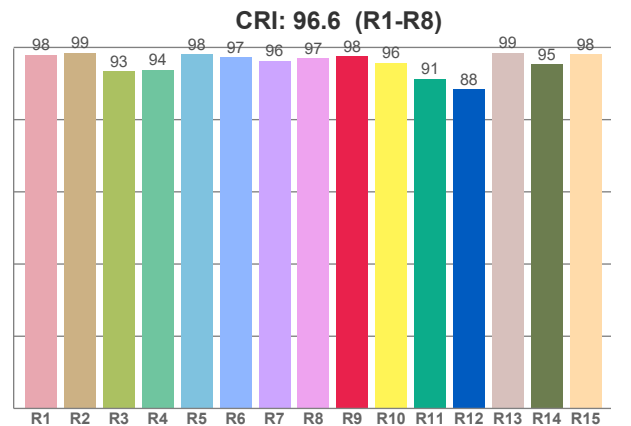
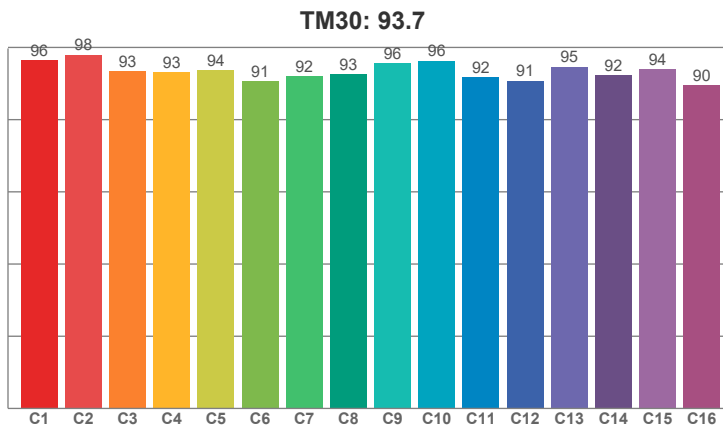
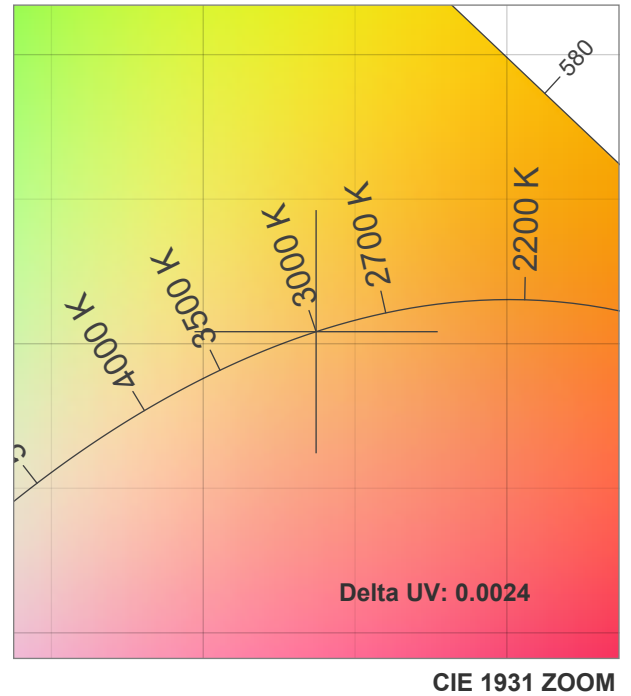
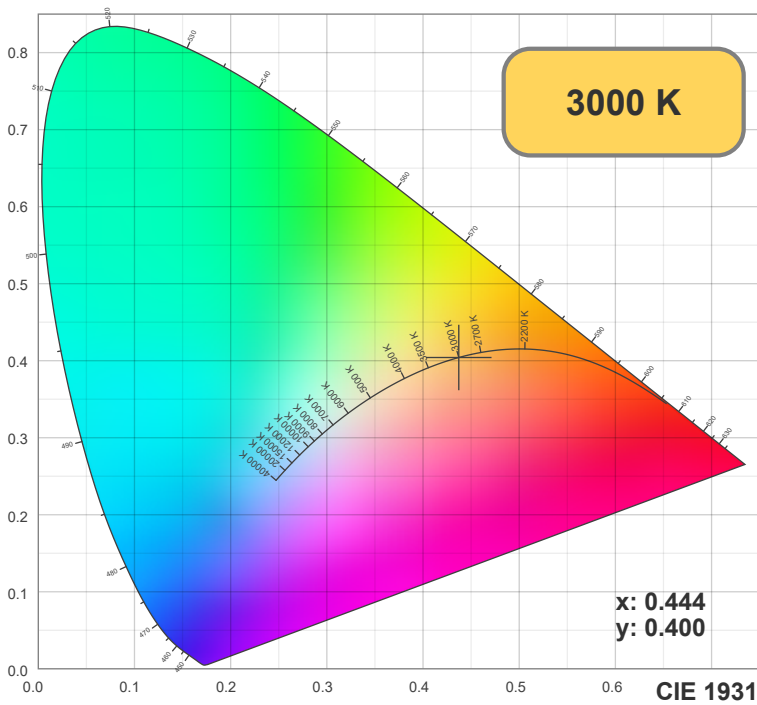


Power

Voltage: 116 V
Current: 0.019 A



Light measurement was created using the Viso Systems - Light Inspector. www.visosystems.com



CRI R values, only R1-R8 are used to calculate final CRI value

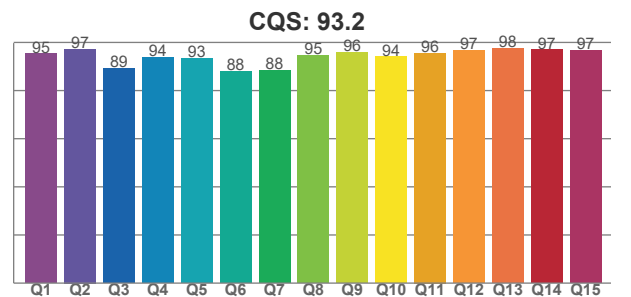
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.95	98.56	93.33	93.85	98.16	97.29	96.33	96.94	97.57	95.80	91.28	88.42	98.54	95.27	98.07

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.46	98.01	93.44	93.14	93.74	90.59	92.02	92.51	95.55	96.34	91.70	90.79	94.67	92.35	93.95	89.59

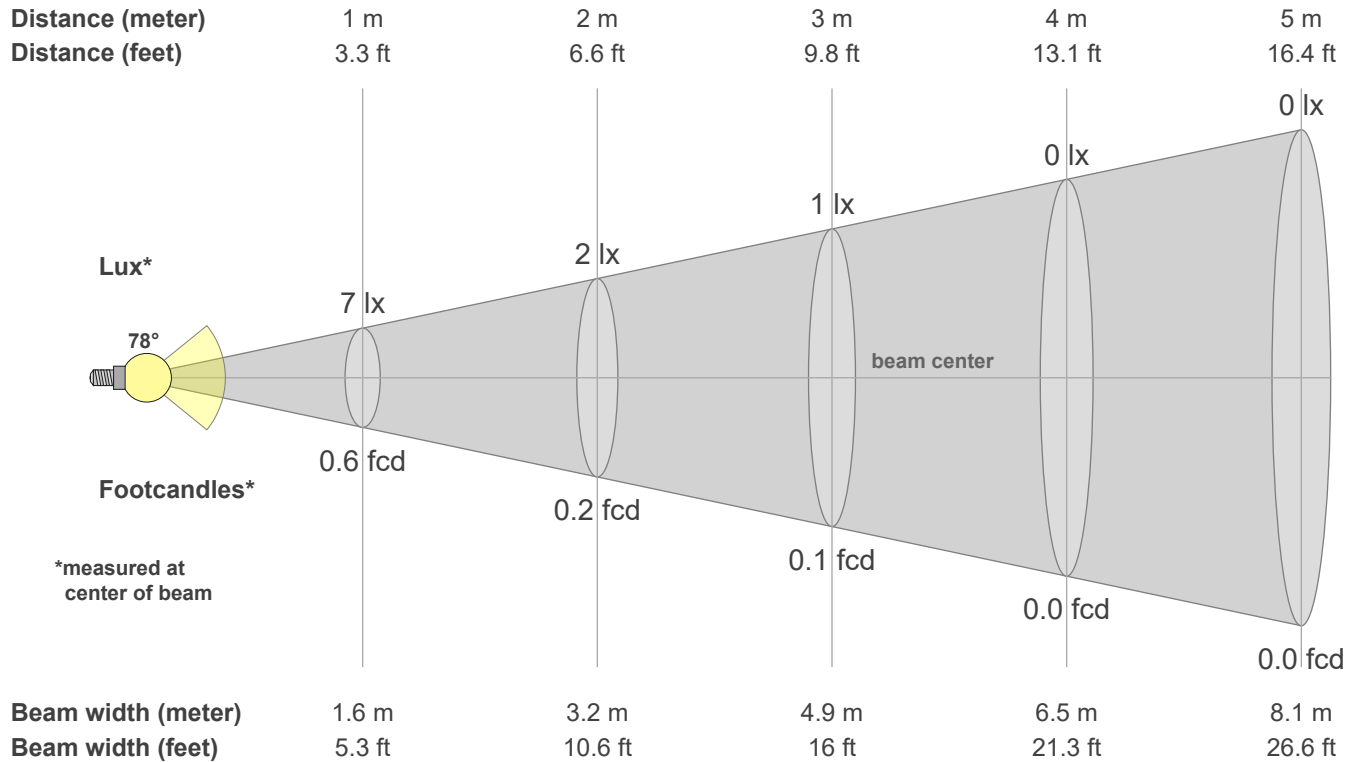
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95.28	97.28	89.15	93.84	93.45	88.01	88.50	94.62	95.95	94.01	95.64	96.75	97.63	96.91	96.72



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3000 K	96.6	97.6	93.7	105.3	93.2	0.4	0.4	0.3	0.3	-0.0024



Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
6.83	6.80	6.71	6.57	6.35	6.09	5.79	5.43	5.03	4.59	4.10	3.58	3.03	2.44	1.84	1.24	0.68	0.22	0.02	0.00
100%	100%	98%	96%	93%	89%	85%	80%	74%	67%	60%	52%	44%	36%	27%	18%	10%	3%	0%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
6.83	6.58	5.66	4.58	3.66	2.95	2.66	2.65	2.54	2.41	2.17	1.86	1.52	1.21	0.92	0.67	0.44	0.19	0.01	0.00
100%	96%	83%	67%	54%	43%	39%	39%	37%	35%	32%	27%	22%	18%	14%	10%	6%	3%	0%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
6.83	6.80	6.71	6.57	6.35	6.09	5.79	5.43	5.03	4.59	4.10	3.58	3.03	2.44	1.84	1.24	0.68	0.22	0.02	0.00
100%	100%	98%	96%	93%	89%	85%	80%	74%	67%	60%	52%	44%	36%	27%	18%	10%	3%	0%	0%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
6.83	6.58	5.66	4.58	3.66	2.95	2.66	2.65	2.54	2.41	2.17	1.86	1.52	1.21	0.92	0.67	0.44	0.19	0.01	0.00
100%	96%	83%	67%	54%	43%	39%	39%	37%	35%	32%	27%	22%	18%	14%	10%	6%	3%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2.5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
78.1°	154.8°	171.1°	79.5%	54.4%