



VAPOUR TIGHT | VTB3N/VTB3 SERIES



FORM FACTORS

- 2 ft
- 4 ft
- 8 ft
- 2 x 4 ft

WATTAGE

- 11-16-22W (2 ft)
Selectable from 3 power outputs
- 19-28-38W (4 ft)
Selectable from 3 power outputs
- 25-35-45-54 (4 ft)
Selectable from 4 power outputs
- 35-52-70W (4 ft)
Selectable from 3 power outputs
- 54-82-110W (8 ft)
Selectable from 3 power outputs
- 75-112-150W (2x4 ft)
Selectable from 3 power outputs

VOLTAGE

120-347V

CCT

3000K/4000K/5000K
Selectable from 3CCT

DIMMABLE

1-10V

AUXILIARY WIRE

12V DC Line

EFFICACY

Up to 155lm/W

CRI

>80

OPERATING TEMPERATURE

-40°C to 40°C

LUMEN MAINTENANCE

- Theoretical L70 at 55°C
> 144,000 hrs
- Lumen Maintenance at
36,000hrs at 55°C = 91.87%

POWER FACTOR

>0.9

TOTAL HARMONIC DISTORTION

<20%

SURGE PROTECTION

- 2 ft & 4 ft: L-N 2kV, LN-G 4kV
- 8 ft: L-N 1 kV, LN-G 2kV +
additional 20kV max
- 2x4 ft: L-N 1kV, LN-G 2kV +
additional 20kV max

BEAM ANGLE

120°



PROJECT _____	QTY _____
FIXTURE TYPE _____	DATE _____
MODEL # _____	EELIGHTING REP _____

The VTB3 series follows the success of our VTB2 line with added wattage and color temperature selectable functions. Every model boasts an efficacy of maximum 155lm/W and is suitable for 120-347V applications.

In VTB3N series, NEMA 4X and NEMA 6 standards are achieved through superior gasketing and clips paired with our one-piece 5VA PC housing. The VTB3N still features an impact-resistant PC lens with our signature etched design that provides superior light output. A lightweight aluminum board, enhanced heat resistant casing, and tough stainless steel clips are what make the NSF-rated VTB3N series another reliable go-to solution for your NEMA 4X and NEMA 6 vapour tight needs.

FINISH

- Grey

CONSTRUCTION

- Polycarbonate housing
- Frosted etched polycarbonate lens
- 304 stainless steel clips
- Housing passes 5VA flame test
- Optimum heat transfer aluminum module board
- 304 stainless steel V-Hooks included
- Drivers can be accessed by snapping out the module plate

MOUNTING

- Surface mount
- Suspension mount

WARRANTY

- 5-Year Warranty (Standard)
- 10-Year Limited Warranty (Optional)

CERTIFICATION & COMPLIANCE

- cULus
- DLC 5.1 Premium
 - Stairwell and Passageway Luminaires classification for all fixtures
 - High-Bay Luminaires for Commercial and Industrial Buildings classification for 8ft & 2x4ft fixtures
- DLC 5.1 Standard
 - Direct Linear Ambient Luminaires classification for all fixtures
- Passes 5VA flame test
- NSF
- IK08
- IP67, NEMA 6 for 4' VTB3N
- IP66, NEMA 4X for 2' & 8' VTB3N
- Ip65 for VTB3 Series



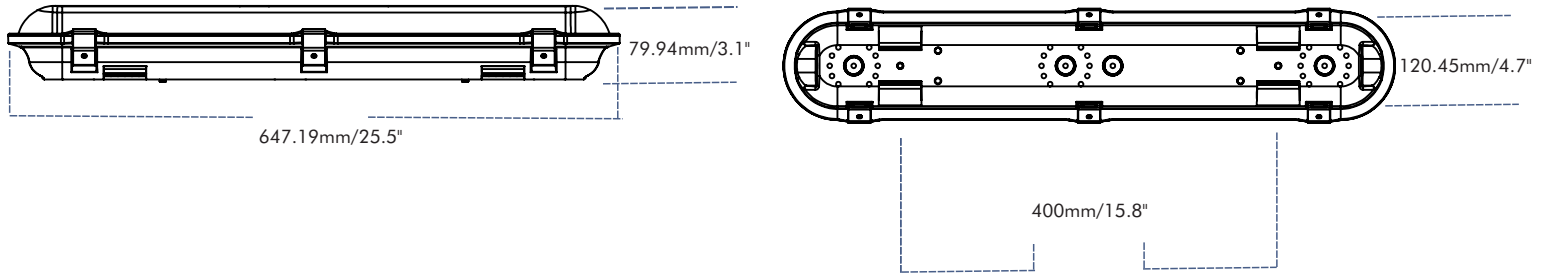


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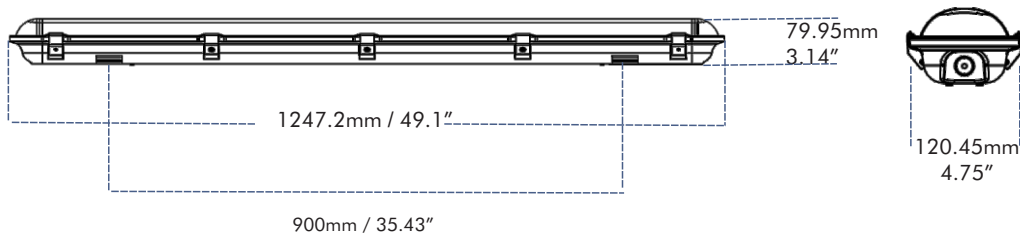


VTB3N

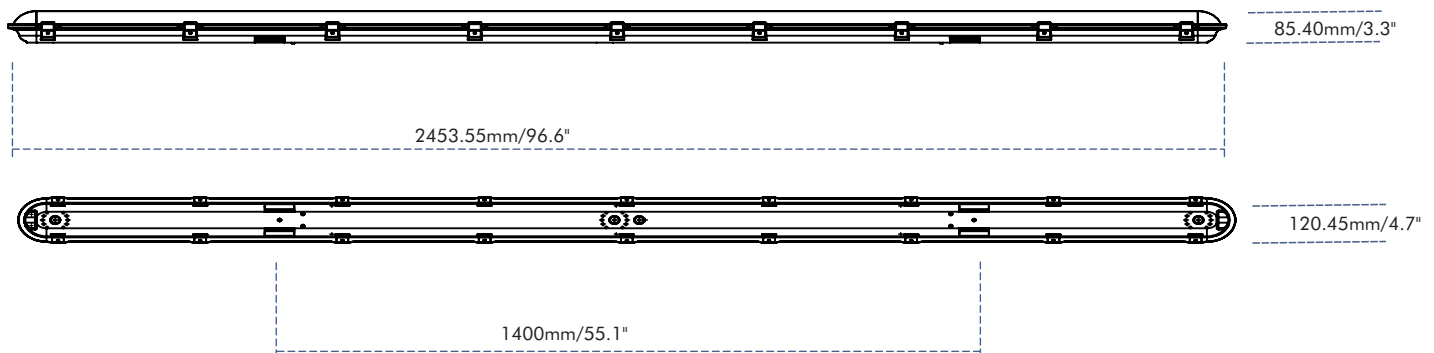
2 ft - VTB3N (11-16-22W)



4 ft VTB3N (25-35-45-54W)

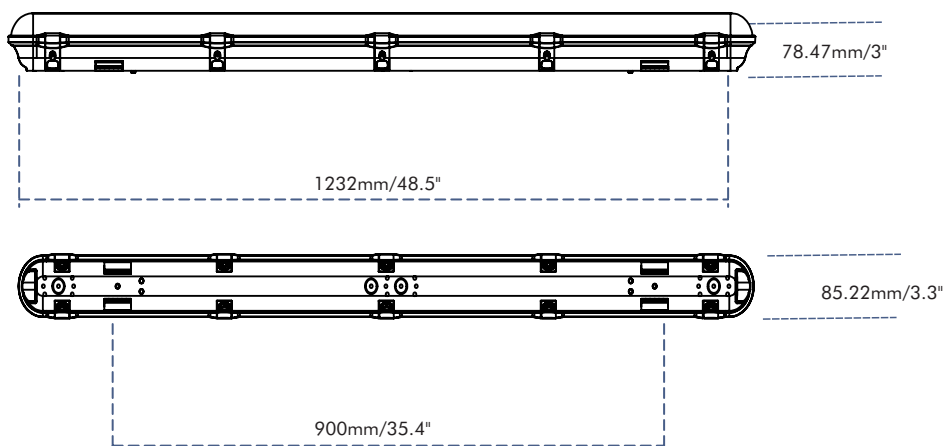


8 ft VTB3N (54-82-110W)



VTB3

4 ft VTB3 (19-28-38W)

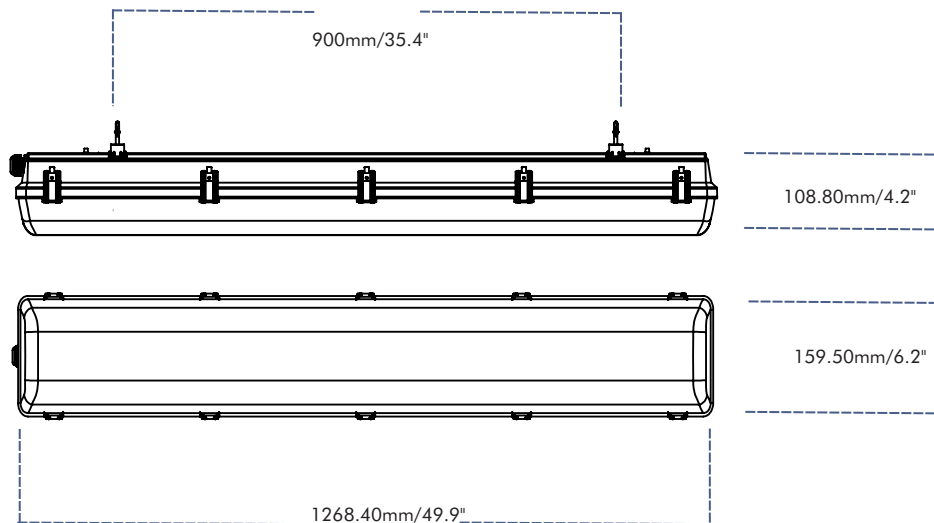




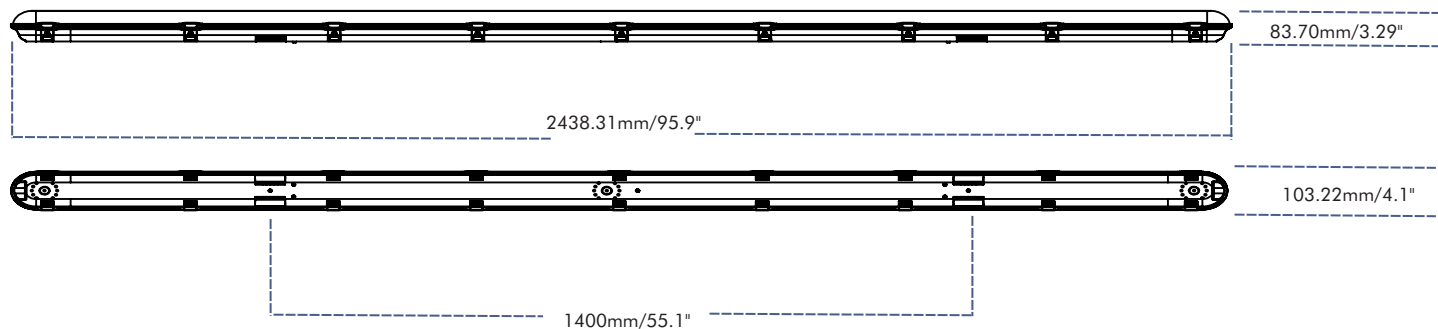
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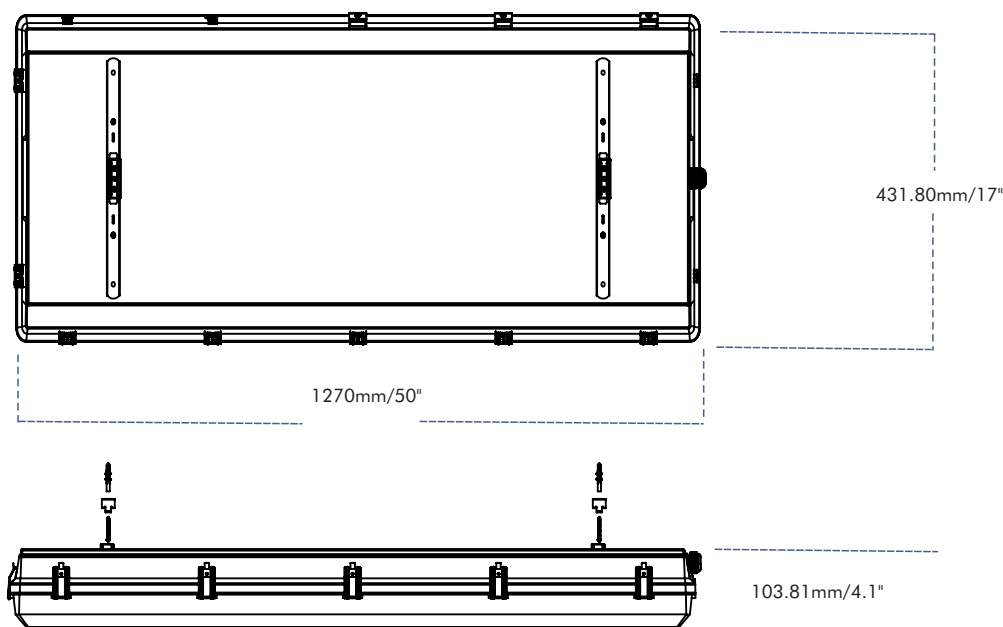
4 ft VTB3 (35-52-70W)



8 ft VTB3 (54-82-110W)



2x4 ft VTB3 (75-112-150W)





VAPOUR TIGHT | VTB3N/VTB3 SERIES



ORDERING GUIDE

Example Model# (MPN Prefix): VTB3N-2-3WS22-3CCTB

SERIES	FORM FACTOR	WATTAGE	CCT
VTB3N	2 2 ft	3WS22 11-16-22W selectable Default Wattage: 22W	3CCTB 3000K-4000K-5000K CCT Selectable Default CCT: 5000K
	4 4 ft	4WS54 25-35-45-54W selectable Default Wattage: 54W	
	8 8 ft	3WS110 54-82-110W selectable Default Wattage: 110W	
SERIES	FORM FACTOR	WATTAGE	CCT
VTB3	4 4 ft	3WS38 19-28-38W selectable Default Wattage: 38W	3CCTB 3000K-4000K-5000K CCT Selectable Default CCT: 5000K
		3WS70 35-52-70W selectable Default Wattage: 70W	
	8 8 ft	3WS110 54-82-110W selectable Default Wattage: 110W	
	24 2x4 ft	3WS150 75-112-150W selectable Default Wattage: 150W	

PERFORMANCE DATA

VTB3N

Model#	Delivered Lumens (lm)	Input Wattage (W)	Voltage (V)	CCT (K)	Efficacy (lm/W)
VTB3N-2-3WS22-3CCTB -120347V-D110V-E150	1640/1699/1726	11	120-347	3000/4000/5000	148/156/155
	2242/2333/2382	16		3000/4000/5000	147/154/155
	3149/3332/3455	22		3000/4000/5000	142/152/154
VTB3N-4-4WS54-3CCTB -120347V-D110V-E150	3681/3857/3969	25	120-347	3000/4000/5000	147/154/155
	5156/5413/5490	35		3000/4000/5000	142/152/153
	6344/6737/6954	45		3000/4000/5000	139/151/152
	7212/7783/7961	54		3000/4000/5000	136/149/149
VTB3N-8-3WS110-3CCTB -120347V-D110V-E150	7650/7785/8045	54	120-347	3000/4000/5000	147/153/155
	11427/12104/12587	82		3000/4000/5000	139/152/152
	15660/16501/16562	110		3000/4000/5000	135/147/147

VTB3

Model#	Delivered Lumens (lm)	Input Wattage (W)	Voltage (V)	CCT (K)	Efficacy (lm/W)
VTB3-4-3WS38-3CCTB -120347V-D110V-E150	2689/2810/2928	19	120-347	3000/4000/5000	146/154/153
	3787/3956/4018	28		3000/4000/5000	145/153/152
	5432/5678/5757	38		3000/4000/5000	144/152/152
VTB3-4-3WS70-3CCTB -120347V-D110V-E150	4986/5242/5389	35	120-347	3000/4000/5000	147/156/156
	7371/7736/7905	52		3000/4000/5000	142/154/154
	9977/10649/10960	70		3000/4000/5000	139/152/152
VTB3-8-3WS110-3CCTB -120347V-D110V-E150	7650/7785/8045	54	120-347	3000/4000/5000	147/153/155
	11427/12104/12587	82		3000/4000/5000	139/152/152
	15660/16501/16562	110		3000/4000/5000	135/147/147
VTB3-24-3WS150-3CCTB -120347V-D110V-E150	10369/10795/11051	75	120-347	3000/4000/5000	143/151/153
	15460/16368/16786	112		3000/4000/5000	138/150/150
	20654/22019/22388	150		3000/4000/5000	135/149/147





ACCESSORIES & CONTROLS Sold Separately

VTB3N

Model#	Sensor SMI1030INT	Sensor SMI2034INT	Emergency Driver EMPU1045	Emergency Driver EMPU2045
VTB3N-2-3WS22-3CCTB -120347V-D110V-E15(22W)	✓	✓	✓	
VTB3N-4-4WS54-3CCTB -120347V-D110V-E150(54W)	✓	✓	✓	
VTB3N-8-3WS110-3CCTB -120347V-D110V-E150(110W)	✓	✓	✓	

VTB3

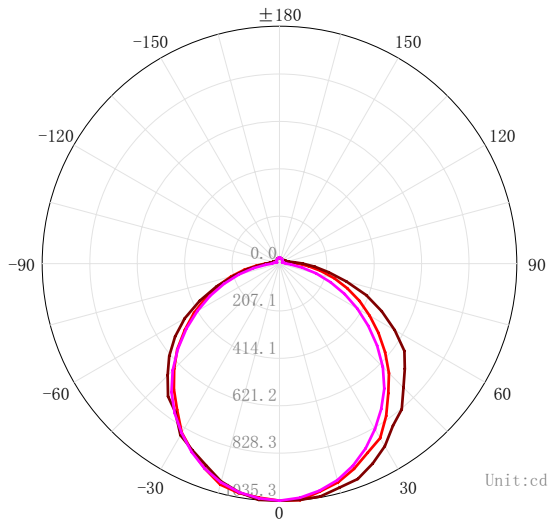
Model#	Sensor SMI1030INT	Sensor SMI2034INT	Emergency Driver EMPU1045	Emergency Driver EMPU2045
VTB3-4-3WS38-3CCTB -120347V-D110V-E15(38W)	✓	✓	✓	
VTB3-4-3WS70-3CCTB -120347V-D110V-E150(70W)	✓	✓	✓	✓ cannot co-exist with SMI2034INT
VTB3-8-3WS110-3CCTB -120347V-D110V-E150(110W)	✓	✓	✓	✓
VTB3-24-3WS150-3CCTB -120347V-D110V-E150(150W)	✓	✓	✓	✓



PHOTOMETRICS

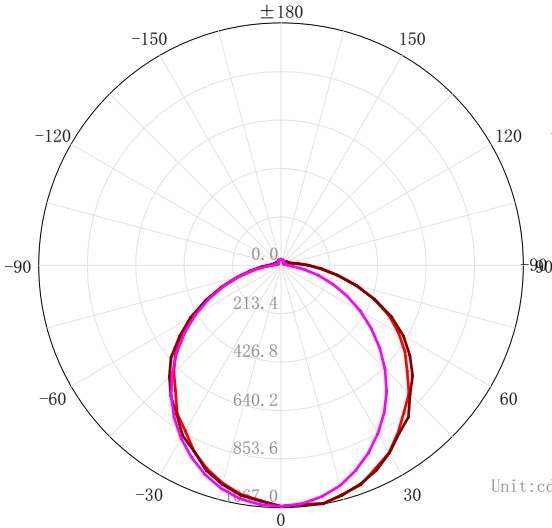
VTB3N

VTB3N-2-3WS22-3CCTB(3000K)



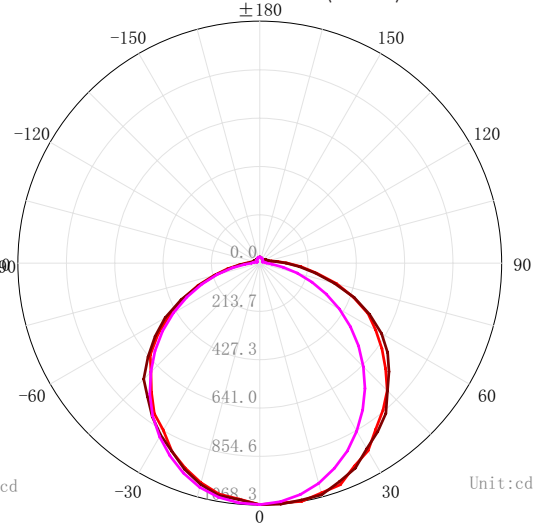
C60.0_240.0 :	109.7	172.2
C0.0_180.0 :	121.0	173.2
	106.0	160.9

VTB3N-2-3WS22-3CCTB(4000K)



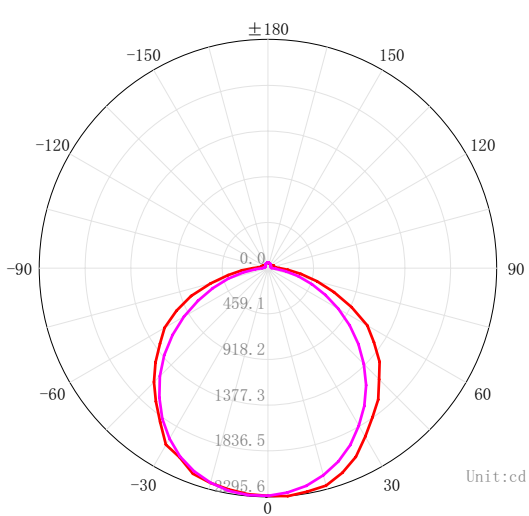
C330.0_150.0 :	119.3	174.8
C0.0_180.0 :	120.9	173.2
	106.4	161.1

VTB3N-2-3WS22-3CCTB(5000K)



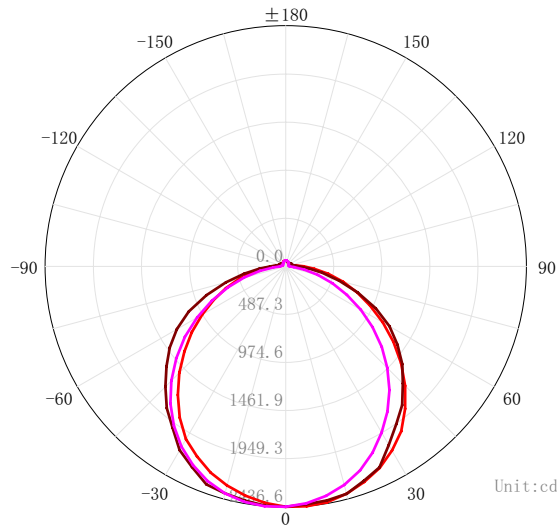
C330.0_150.0 :	120.3	175.2
C0.0_180.0 :	121.9	173.8
	106.7	161.3

VTB3N-4-4WS54-3CCTB (3000K)



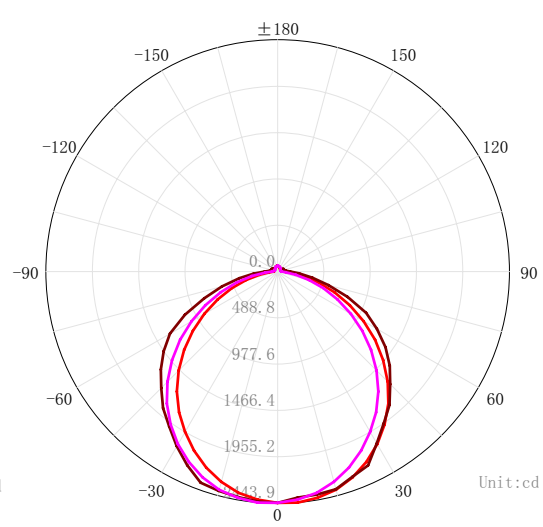
C0.0_180.0 :	121.4	170.4
	106.8	159.2

VTB3N-4-4WS54-3CCTB (4000K)



C240.0_60.0 :	111.2	171.4
C0.0_180.0 :	121.3	170.6
	106.9	159.0

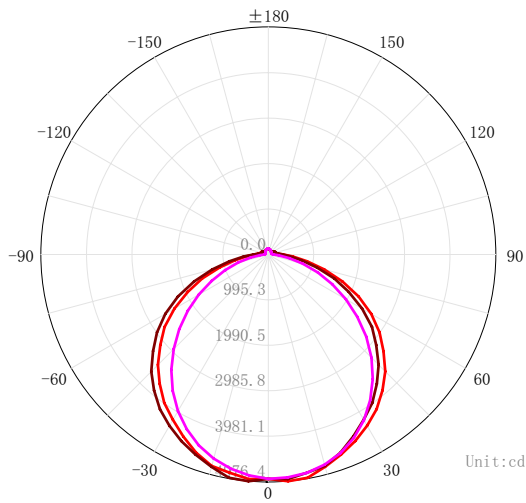
VTB3N-4-4WS54-3CCTB (5000K)



C270.0_90.0 :	107.4	159.5
C0.0_180.0 :	121.7	169.9
	107.4	159.5

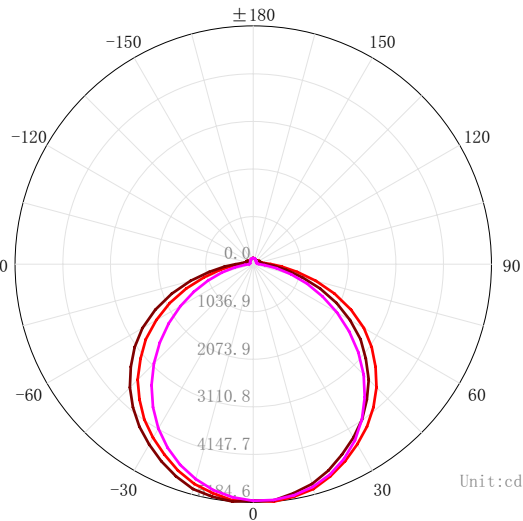


VTB3N-8-3WS110-3CCTB(3000K)



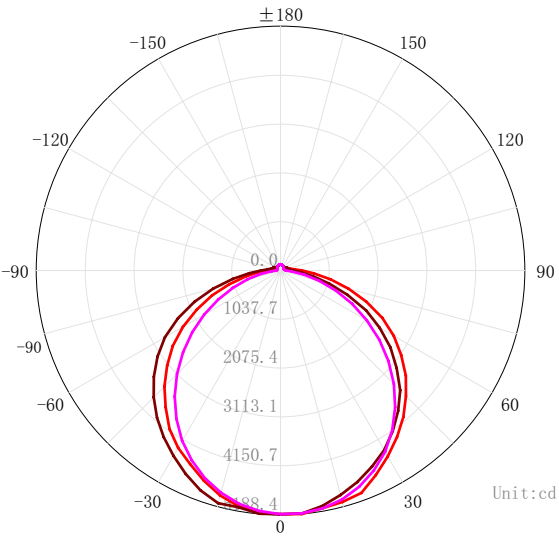
C180.0_360.0:	119.8	170.6
C0.0_180.0 :	119.8	170.6
	105.2	157.9

VTB3N-8-3WS110-3CCTB (4000K)



C180.0_360.0:	120.3	171.1
C0.0_180.0 :	120.3	171.1
	105.6	158.1

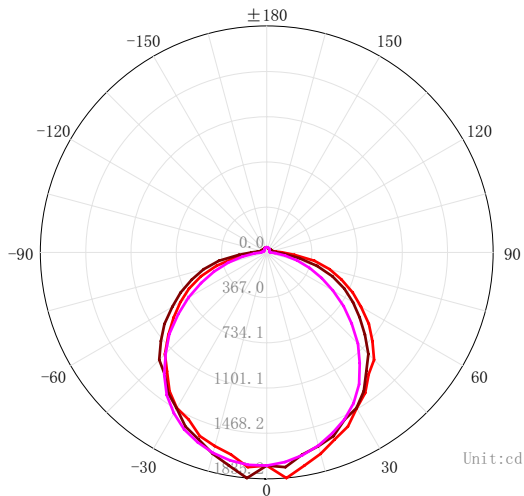
VTB3N-8-3WS110-3CCTB (5000K)



C150.0_330.0:	119.8	173.3
C0.0_180.0 :	120.8	171.4
	106.1	158.2

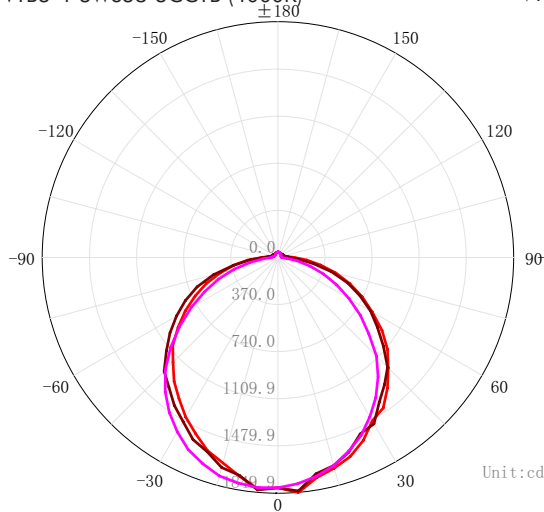
VTB3

VTB3-4-3WS38-3CCTB (3000K)



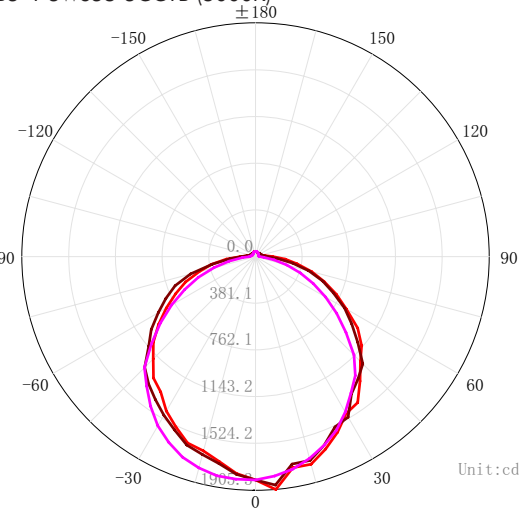
C180.0_360.0:	113.7	170.4
C0.0_180.0 :	113.7	170.4
	106.7	160.5

VTB3-4-3WS38-3CCTB (4000K)



C330.0_150.0:	113.8	174.6
C0.0_180.0 :	116.4	170.9
	107.0	160.6

VTB3-4-3WS38-3CCTB (5000K)



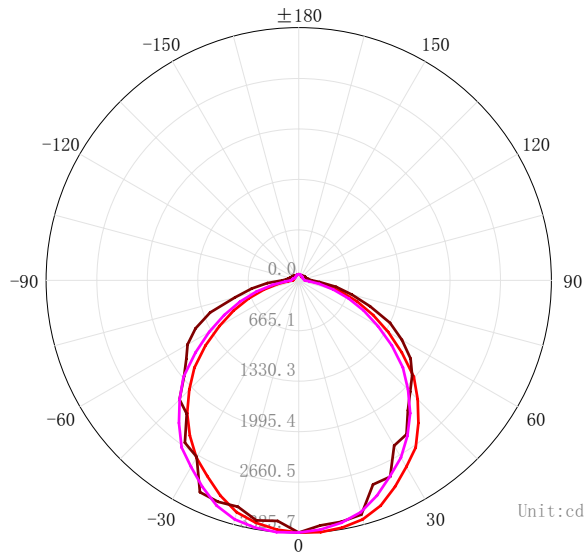
C330.0_150.0:	112.4	174.6
C0.0_180.0 :	115.2	170.8
	107.9	160.4



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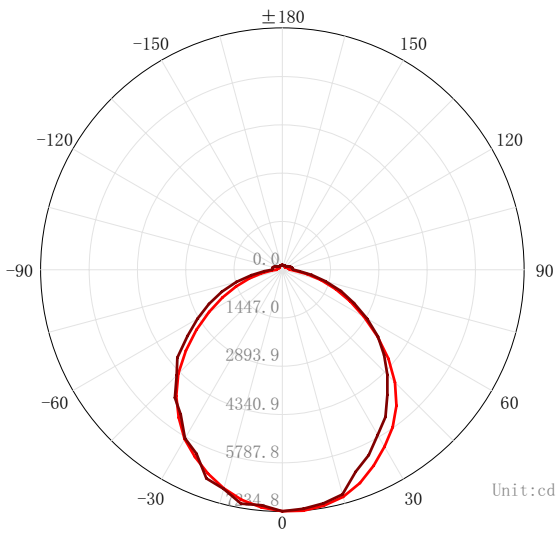


VTB3-4-3WS70-3CCTB(3000K)



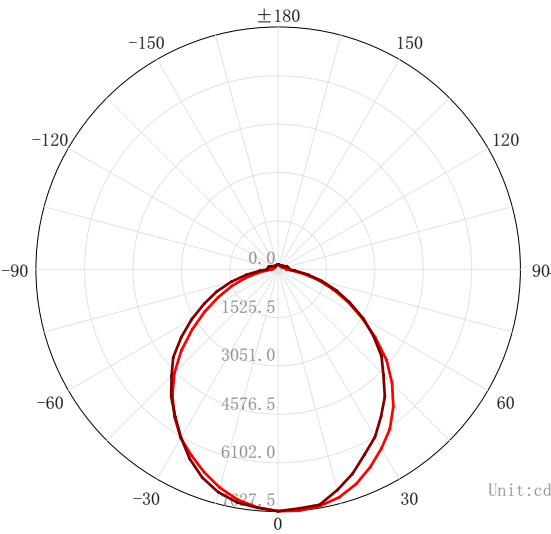


VTB3-24-3WS150-3CCTB(3000K)



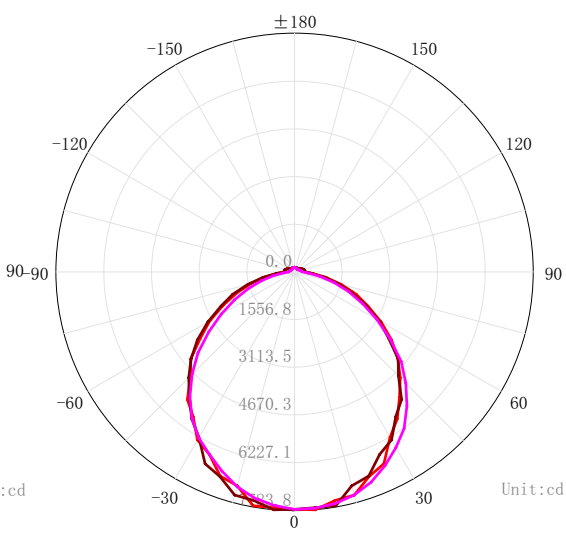
— C90.0_270.0 : 105.1 159.3
— 107.6 165.0

VTB3-24-3WS150-3CCTB(4000K)



— C90.0_270.0 : 105.6 159.6
— 108.0 165.2

VTB3-24-3WS150-3CCTB(5000K)



— C180.0_360.0: 108.6 165.4
— C0.0_180.0 : 108.6 165.4
— 106.2 159.9