Votatec
Innovation & Quality

4FT Glass T5 LED Tube

www.votatec.ca

4Way CCT Adjustable/UL Type A

Project :
Type :
Drawn by :
Catalogue No. :
Date :





Specifications

Model No.		☐PVT5-4FT-24WAKS-26K
General	Size	4'
	Watts	24W
	HID Equivalent	54W
	Lumen	3300lm
	Base	G5
	CCT	3500K/4000K/5000K/6500K ADJ
	Volts	AC120-347V
	CRI	>83
	Beam Angle	180°
	Hours Rated	50,000 hours
	Max Compartment Size	Length: 45.2in. Width: 0.6in
	Ballasting Requirements	Ballast Compatible
Electrical	Operating Frequency	50-60Hz
	Power Factor	>0.9
	Wiring	Any 2 pins connected
	Operating Position	Both Horizontal & Vertical
	Surge Protection	Ring Wave Surge 2.5KV
	Operating Temperature	-20°C(-4°F) TO 45°C(113°F)
Physical	Housing Material	Glass with PET Coating
	Housing Color	Milky
	Net Weight (Kg)	0.14
Additional Information	Additional Info	4 CCT Adjustable
	Warranty	5 years
Compliance	Safety Listing	cULus-Listed
	Location Rating	Dry
	DLC Approved	Yes,DLC 6.0
	DLC ID	S-44RSMW

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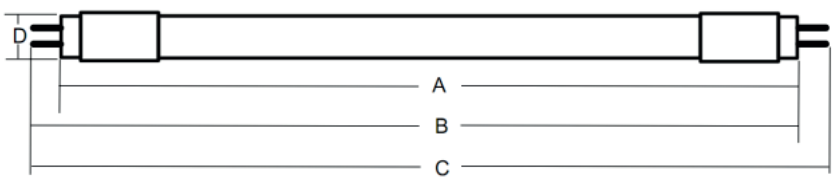
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Features & Specifications

Construction	• Built-in LED driver • Single and Double-ended direct AC120-347V input work with any 2 or more pins wired, provides easy installation • 4CCT selectable, save inventory • Shatterproof design, lower the breakage rate also safe for shipping
Performance Data	• Available in 3500K/4000K/5000K/6500K selectable color temperature • 83+ CRI • Electrical ratings:120-347V • Estimated life of over 50,000 hours to L70 • 0-10V dimming and Reverse Phase-cut dimming • Operating temperature: -20°C(-4°F) to 45°C(113°F)
Compliances	• cULus certified • Meets NSF requirements (Splash Zone and Non Food Zone) • DLC 6.0 Listed

Dimensions & Weights

Model	PVT5-4FT-24WAKS-26K
Length in.(mm) A	45.2" (1149mm)
Length in.(mm) B	45.5" (1156.1mm)
Length in.(mm) C	45.7" (1163.2mm)
Diameter in. (mm)	0.6" (16mm)
Net Weight Kgs.(lbs)	0.14 Kgs(0.31 lbs)



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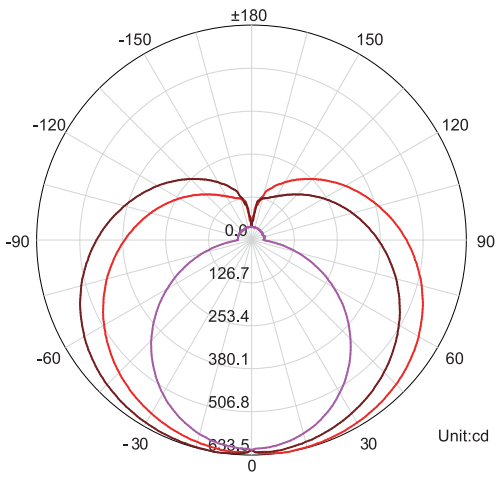
Product Details



- Big switch for change the CCT, 4CCT available
- Single and Double-ended power input, any two pins work well, easy for wiring
- PET coating film, shatterproof design for transportation protection

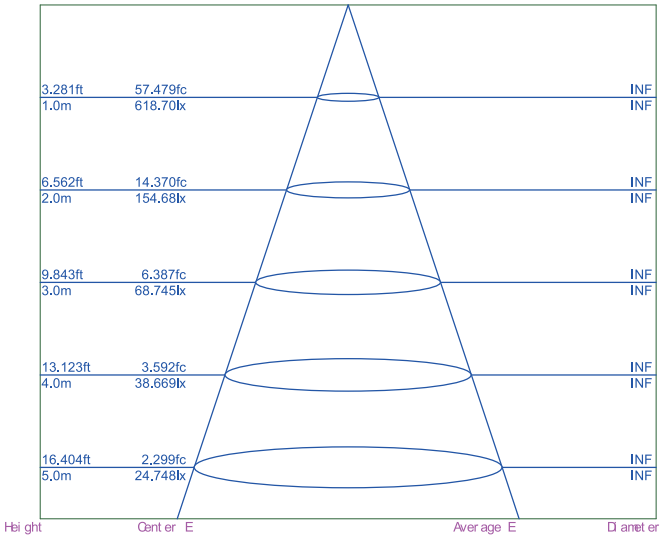
Luminous intensity Distribution Diagram

C Plane Distribution Diagram



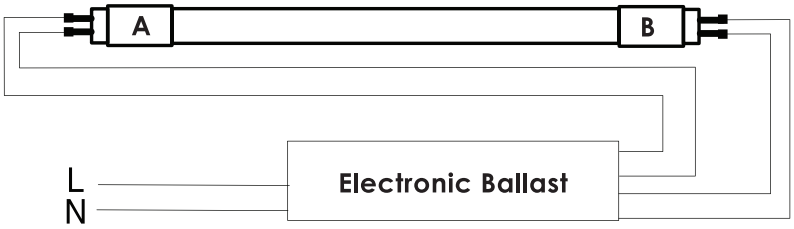
C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0:	223.2	352.0
C0.0_180.0 :	223.2	352.0
C90.0_270.0 :	114.3	169.1
Average:	186.9	291.0

Illuminance-Distance Curve



Beam Angle:223.2

Wiring Diagram



Ballast Compatible

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Ballast Compatible

1. Our tubes can be compatible with the ballasts listed below, if you intend to install ballast compatilble tube with ballasts not be listed below, risk of damage or losses may occur. We disclaim liablity for any damage or losses by not following the instructions in this document.
2. We are testing more and more ballasts and will update this list all the time. If you do not see your ballast on the list, please contact us.

Y refer to Compatible N refer to Not Compatible N/A refer to Not Applicable

T5 A 4FT 24W TypeA Ballast Compatible List

No.	Ballast Brand	Model No.	Start Type	Max Loading QTY	Compatible（Y/N/N/A）							
					1 LAMP		2 LAMPS		3 LAMPS		4 LAMPS	
					120VAC	277VAC	120VAC	277VAC	120VAC	277VAC	120VAC	277VAC
1	ARCATA	ACT2S54PSUNV	Instant Start	2	N	N	Y	Y	N/A	N/A	N/A	N/A
2	ARCATA	ACT4M54PSUNV	Instant Start	4	Y	Y	N	N	Y	Y	Y	Y
3	ESPEN	VE254MVHRP 11101	Programmed Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
4	FULHAM RACEHORSE	RHA-UNV-254-LT5	Programmed Start	2	N	N	Y	Y	N/A	N/A	N/A	N/A
5	FULHAM WORKHORSE	WH5-120-L ROHS	Instant Start	2	N	N/A	Y	N/A	N/A	N/A	N/A	N/A
6	GE	GE232MAX-G-N	Instant Start	2	Y	Y	N	N	N/A	N/A	N/A	N/A
7	GE	GE232MAX-G-N-DIYB	Instant Start	2	Y	Y	N	N	N/A	N/A	N/A	N/A
8	GE	GE254MVPS-D-1	Programmed Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
9	GE	GEC240MAX-A	Instant Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
10	GE	GEC242-MVPS-3W	Programmed Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
11	HOWARD INDUSTRIES	EP4/54HO/PRS/MV/L	Programmed Rapid Start	4	Y	Y	Y	Y	Y	Y	Y	Y
12	KEYSTONE	KTEB-126-1-TP	/	1	Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	KEYSTONE	KTEB-254HO-UV-PS-SL	Programmed Start	2	Y	Y	N	N	N/A	N/A	N/A	N/A
14	KEYSTONE	KTEB-454HO-UV-PS	Programmed Start	4	Y	Y	Y	Y	Y	Y	Y	Y
15	LEVITON（0-10V Dimming）	SD2J5-28M	Dimming Ballast	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
16	OSRAM SYLVANIA	QHE 2X54T5HO/UNV PSN HT	Programmed Rapid Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
17	OSRAM SYLVANIA	QTP 2x26/32/42CF/UNV DM	Programmed Rapid Start	2	N	Y	N	N	N/A	N/A	N/A	N/A
18	OSRAM SYLVANIA	QTP 2x26/32/42CF/UNV DM PEM	Programmed Rapid Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
19	OSRAM SYLVANIA	QTP 2x26CF/UNV DM	Programmed Rapid Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
20	OSRAM SYLVANIA	QTP 2x26CF/UNV DM PEM	Programmed Rapid Start	2	Y	Y	N	N	N/A	N/A	N/A	N/A
21	PHILIPS ADVANCE	ICN-2S24-T	Programmed Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
22	PHILIPS ADVANCE	ICN-2S54-90C-N	Instant Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
23	PHILIPS ADVANCE	ICN-2S54-90C-T	Programmed Start	2	Y	N	N/A	N/A	N/A	N/A	N/A	N/A
24	PHILIPS ADVANCE	ICN-2S54-N	Programmed Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
25	PHILIPS ADVANCE	ICN-2S54-T	Programmed Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
26	PHILIPS ADVANCE	ICN-4S54-90C-2LS-G	Programmed Start	4	Y	Y	Y	Y	N	Y	N	N
27	Plusrite	BAF254PS/MV	Instant Start	2	N	N	Y	Y	N/A	N/A	N/A	N/A
28	Robertson	PSY454T5MVEL 3P20147	Programmed Start	4	N	N	Y	Y	N/A	N/A	N/A	N/A
29	STANDARD	ED2150-347BS	Programmed Start	2	N/A	N	N/A	Y	N/A	N/A	N/A	N/A
30	Universal AccuStart	B228PUNV-C	Instant Start	2	Y	Y	Y	Y	N/A	N/A	N/A	N/A
31	Universal Triad	C2642UNVME	Instant Start	2	Y	Y	N	N	N/A	N/A	N/A	N/A
32	Watran	DB-254HO-MV-TP-PS-SL	Programmed Start	2	N	N	Y	Y	N/A	N/A	N/A	N/A
33	STANDARD	E254T5HOPS120-277/N/XTRM S2	Program Start	2	N	N	Y	Y	N/A	N/A	N/A	N/A

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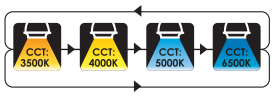
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No.	Ballast Brand	Model No.	Start Type	Max Loading QTY	Compatible (Y/ N / N/A)			
					1 LAMP	2 LAMPS	3 LAMPS	4 LAMPS
					347VAC	347VAC	347VAC	347VAC
1	OSRAM SYLVANIA	QHE 4X54T5HO/347-480 PSN HT SCL	Programmed Rapid Start	4	Y	N	N	N
2	OSRAM SYLVANIA	QTP 2X54T5HO/347-480 PSN HT	Programmed Start	2	Y	Y	N/A	N/A
3	OSRAM SYLVANIA	QHE 2X54T5HO/347-480 PSN-HT	Programmed Rapid Start	2	Y	Y	N/A	N/A
4	GE	GE454PS347/480-E	Programmed Start	4	N	Y	Y	Y
5	GE	GE254PS347/480-F	Programmed Start	2	N	Y	N/A	N/A
6	STANDARD	ED2150-347BS	Programmed Start	2	N	Y	N/A	N/A
7	Universal Triad	C2642/347ME	Programmed Rapid Start	2	Y	N	N/A	N/A
8	PHILIPS ADVANCE	HCN-2S54-90C-WL	Instant Start	2	Y	Y	N/A	N/A
9	STANDARD	E254T5HOPS347/N/XTRM	Program Start	2	Y	Y	N/A	N/A

Y: Compatible
N: Incompatible
N/A: Not applicable

When working with electronic ballast please check the compatibility list first!
If you couldn't find your ballast on the list then bypass the fixture, or contact us please!
Do not install the LED tube with the ballast which is not on the ballast compatibility list, risk of firing!



























Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Votatec customer service representative to confirm inventory levels at time of order

