

# Tape Light and Channel Compatibility & Hotspot Guide

Tape Light	Polymer Low-Profile Surface-Mount			Surfa® 1			Surfa® 2			Surfa® 2X			Surfa® 3		
	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot
PrimaLine® 1.5	Y	Y	5	S		5	Y	Y	2	Y	Y	0	S		5
PrimaLine 1.5 XT	Y	Y	5	S		5	S		2	Y	Y	0			n/a
PrimaLine 2.7 LP	S	Y	0	S		0	S		0	S	Y	0	S		0
PrimaLine 3	Y	Y	4	S		3	Y	Y	2	Y	Y	0	S		5
PrimaLine 3 XT	Y	Y	4	S		3	S		2	Y	Y	0			n/a
PrimaLine 4.4 Gen 2	Y	Y	3	S		4	S		2	Y	Y	0	S		5
PrimaLine 4.4 XT Gen 2	Y	Y	3	S		4	S		2	Y	Y	0	S		5
PrimaLine 5.5 LP	Y		0	S		0	S		0	Y	Y	0	S		0
PrimaLine 6.6 Gen 2		S	1			n/a			n/a	Y		0			n/a
PrimaLine 7	S	Y	3	S		3	S		1	S	Y	0	S		5
PrimaLine 8 Gen 2			n/a			n/a			n/a	S		0			n/a
Varien™ 1.2 XT Dim-to-Warm	S	Y	3	S		3	S		1-2	S	Y	0			n/a
Varien™ 2.7 Dim-to-Warm	S	Y	2-3	S		2-3	S		1	S	Y	0			n/a
Varien™ 5.5 Dim-to-Warm	Y	Y	1-2	S		2-5	S		1-2	S	Y	0			n/a
Varien™ 8 Dim-to-Warm	S	Y	2-3	S		2-3	S		2	S	Y	0			n/a
Radialux® 2.2 RGB	Y		5	S		4	S		5	Y		2	S		5
Radialux 4.4 RGB	Y		5	S		5	S		3	Y		0	S		5
Radialux 4.4 RGB-W		S	5			n/a			n/a	Y		0			n/a
Radialux 4.7 LP RGB-W		S	2	S		2	S		2	S		0	S		5
Radialux 5.9 RGB-W		S	5			n/a			n/a	Y		0			n/a
Radialux 8.8 RGB			n/a			n/a			n/a	S		0			n/a
PrimaLine 1.5 Wet	Y		5	Y*		3	Y		3	Y		0			n/a
PrimaLine 1.5 XT Wet	Y*		5			n/a			n/a	Y		0			n/a
PrimaLine 3 Wet	Y		4	Y*		2	Y		2	Y		0			n/a
PrimaLine 3 XT Wet	Y*		4			n/a			n/a	Y		0			n/a
PrimaLine 4.4 XT Gen 2 Wet	Y		3			n/a	Y*		1	Y		0			n/a
Varien™ 2.7 Wet Dim-to-Warm	Y*		3-4			n/a			n/a	Y		0			n/a
Radialux 2.2 RGB Wet	Y*		5			n/a			n/a	Y		2			n/a
Radialux 4.4 RGB Wet	Y*		5			n/a			n/a	Y		0			n/a
Radialux 4.4 RGB-W Wet			n/a			n/a			n/a	Y		0			n/a
Radialux 5.9 RGB-W Wet			n/a			n/a			n/a	Y		0			n/a



Tape, channel, and connector fit



(Wet Tape Only) Tape light end caps do not fit



(Dry Tape Only) Connector does not fit in channel / leads should be soldered



Does not fit width and/or height



Wire Connector



Amp Champ

Tape Light	Surfa 6			Surfa 6 Surround	Surfa 7			Suspan® 1			Ankr® 1			Ankr® 2		
	wire conn.	Amp Champ	Hotspot	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot
PrimaLine® 1.5	Y	Y	5	0	S	Y	1	Y	Y	0	Y	Y	1	Y	Y	0
PrimaLine 1.5 XT	Y	Y	5	0	S		1	Y	Y	0	Y	Y	1	Y	Y	0
PrimaLine 2.7 LP	S	Y	0	0	S	Y	0	S	Y	0	S	Y	0	S	Y	0
PrimaLine 3	Y	Y	5	0	S	Y	0	Y	Y	0	Y	Y	0	Y	Y	0
PrimaLine 3 XT	Y	Y	4	0	S		0	Y	Y	0	Y	Y	0	Y	Y	0
PrimaLine 4.4 Gen 2	Y	Y	3	0	S	Y	0	Y	Y	0	Y	Y	0	Y	Y	0
PrimaLine 4.4 XT Gen 2	Y	Y	3	0	S	Y	0	Y	Y	0	Y	Y	0	Y	Y	0
PrimaLine 5.5 LP	Y	Y	0	0	S	Y	0	Y	Y	0	Y	Y	0	Y	Y	0
PrimaLine 6.6 Gen 2	S		5	n/a			n/a	Y		0	Y		0	Y		0
PrimaLine 7	S	Y	3	0	S	Y	0	S	Y	0	S	Y	0	S	Y	0
PrimaLine 8 Gen 2			n/a	n/a			n/a	S		0	S		1	S		0
Varien™ 1.2 XT Dim-to-Warm	S	Y	1-3	0	S		0	S	Y	0	S	Y	0	S	Y	0
Varien™ 2.7 Dim-to-Warm	S	Y	1-2	0	S		0	S	Y	0	S	Y	0	S	Y	0
Varien™ 5.5 Dim-to-Warm	S	Y	1-2	0	S		0	S	Y	0	S	Y	0	S	Y	0
Varien™ 8 Dim-to-Warm	S	Y	2-3	0	S		0	S	Y	0	S	Y	1	S	Y	0
Radialux® 2.2 RGB	Y		5	3	S		1	Y		0	Y		1	Y		0
Radialux 4.4 RGB	Y		5	1	S		1	Y		0	Y		2	Y		2
Radialux 4.4 RGB-W	S		5	3			n/a	Y		0	Y		1	Y		0
Radialux 4.7 LP RGB-W	S		2	0	S		0	S		0	S		0	S		0
Radialux 5.9 RGB-W	S		5	0			n/a	Y		0	Y		3	Y		0
Radialux 8.8 RGB			n/a	n/a			n/a			n/a	S		4	S		0
PrimaLine 1.5 Wet	Y		5	0	Y		1	Y		0	Y		1	Y		0
PrimaLine 1.5 XT Wet	Y*		5	0			n/a	Y		0	Y		1	Y		0
PrimaLine 3 Wet	Y		5	0	Y		0	Y		0	Y		0	Y		0
PrimaLine 3 XT Wet	Y*		4	0			n/a	Y		0	Y		0	Y		0
PrimaLine 4.4 XT Gen 2 Wet	Y*		3	0	Y*		0	Y		0	Y		0	Y		0
Varien™ 2.7 Wet Dim-to-Warm	Y*		2-3	0			n/a	Y		0	Y		0	Y		0
Radialux 2.2 RGB Wet	Y*		5	3	Y*		3	Y		0	Y		1	Y		0
Radialux 4.4 RGB Wet	Y*		5	1	Y*		1	Y		0	Y		2	Y		0
Radialux 4.4 RGB-W Wet			n/a	n/a			n/a	Y		0	Y		1	Y		0
Radialux 5.9 RGB-W Wet			n/a	n/a			n/a	Y		0	Y		3	Y		0

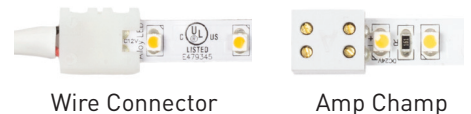
- Y Tape, channel, and connector fit
- Y\* (Wet Tape Only) Tape light end caps do not fit
- S (Dry Tape Only) Connector does not fit in channel / leads should be soldered
- Does not fit width and/or height



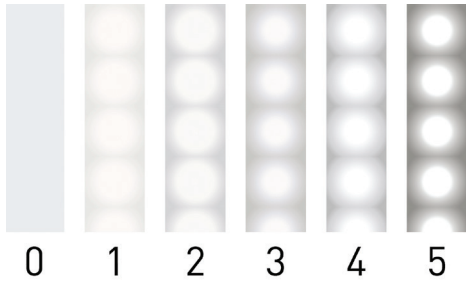
Tape Light	Ankr® 3			Ankr® 4			Ankr® 4 Premium Diffuser	Naro 4			Duro 1			Duro 2		
	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot	Hotspot	wire conn.	Amp Champ*	Hotspot	wire conn.	Amp Champ	Hotspot	wire conn.	Amp Champ	Hotspot
PrimaLine® 1.5	S	Y	2	S	Y	2	1	Y	Y	5	S	Y	0	S	Y	1
PrimaLine 1.5 XT	S		1	S		2	1	Y	Y	5	S		0	S		1
PrimaLine 2.7 LP	S	Y	0	S	Y	0	0	S	Y	0	S	Y	0	S	Y	0
PrimaLine 3	S	Y	0	S	Y	0	0	Y	Y	4	S	Y	0	S	Y	1
PrimaLine 3 XT	S		0	S		0	0	Y	Y	4	S		0	S		1
PrimaLine 4.4 Gen 2	S	Y	0	S	Y	0	0	S	Y	1	S	Y	0	S	Y	1
PrimaLine 4.4 XT Gen 2	S	Y	0	S	Y	0	0	S	Y	1	S	Y	0	S	Y	1
PrimaLine 5.5 LP	S	Y	0	S	Y	0	0	S	Y	0	S	Y	0	S	Y	0
PrimaLine 6.6 Gen 2			n/a			n/a	n/a	S		5			n/a			n/a
PrimaLine 7	S	Y	0	S	Y	0	0	S	Y	1	S	Y	0	S	Y	0
PrimaLine 8 Gen 2			n/a			n/a	n/a			n/a			n/a			n/a
Varien™ 1.2 XT Dim-to-Warm	S		0	S		0	0	S	Y	1-3	S		0	S		0-1
Varien™ 2.7 Dim-to-Warm	S		0	S		0	0	S	Y	1	S		0	S		1
Varien™ 5.5 Dim-to-Warm	S		0	S		0	0	S	Y	1-4	S		0	S		1
Varien™ 8 Dim-to-Warm	S		0	S		0	0	S	Y	2	S		0	S		1
Radialux® 2.2 RGB	S		2	S		2	1	S		5	S		0	S		4
Radialux 4.4 RGB	S		1	S		2	1	S		5	S		0	S		1
Radialux 4.4 RGB-W			n/a			n/a	n/a	S		5			n/a			n/a
Radialux 4.7 LP RGB-W	S		0	S		0	0	S		2	S		0	S		0
Radialux 5.9 RGB-W			n/a			n/a	n/a	S		5			n/a			n/a
Radialux 8.8 RGB			n/a			n/a	n/a			n/a			n/a			n/a
PrimaLine 1.5 Wet	Y		1	Y		1	1	Y		5	Y		0	Y		2
PrimaLine 1.5 XT Wet			n/a			n/a	n/a	Y*		5			n/a			n/a
PrimaLine 3 Wet	Y		0	Y		0	0	Y		5	Y		0	Y		2
PrimaLine 3 XT Wet			n/a			n/a	n/a	Y*		5			n/a			n/a
PrimaLine 4.4 XT Gen 2 Wet	Y*		0	Y*		0	0	Y*		3	Y*		0	Y*		3
Varien™ 2.7 Wet Dim-to-Warm			n/a			n/a	n/a	Y*		2-3			n/a			n/a
Radialux 2.2 RGB Wet	Y*		3	Y*		3	1	Y*		5	Y*		0	Y*		5
Radialux 4.4 RGB Wet	Y*		1	Y*		1	1	Y*		5	Y*		0	Y*		1
Radialux 4.4 RGB-W Wet			n/a			n/a	n/a			n/a			n/a			n/a
Radialux 5.9 RGB-W Wet			n/a			n/a	n/a			n/a			n/a			n/a

\* Naro 4 - Amp Champ's tape backing must be removed to fit

- Y** Tape, channel, and connector fit
- Y\*** (Wet Tape Only) Tape light end caps do not fit
- S** (Dry Tape Only) Connector does not fit in channel / leads should be soldered
- Does not fit width and /or height



## Hotspot Values



The "Hotspot" column in the table shows the intensity of hotspots in the combinations of Alloy LED tape light and channels with a frosted diffuser.

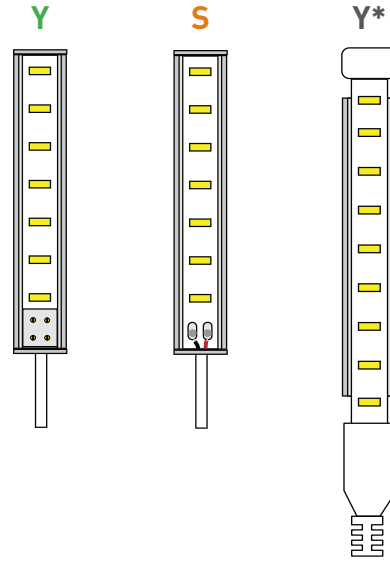
Note: The value states perceived, not absolute, hotspot levels measured by the human eye and not a machine, which may differ slightly for individuals.

**Radialux tapes:** tested at max. brightness with light blue color.

**Varien tape:** the first number is measured at full brightness, the second number at 10% brightness.

Hotspot values vary with color and brightness values.

## Compatibility Visual Key



## Customization



PLEASE NOTE:

*If the tape light and channel combination you are interested in is not compatible out of the box, please contact us about creating a custom fixture with custom soldered leads to meet your specifications.*