



## HanleyLED Side By Side Comparison

### CHANNEL LETTER SOLUTIONS



Part#	Color	Viewing Angle	Lumen Output	Voltage	Watts/Module	Modules/Foot (fully stretched)	Max Spacing	Color Temp	Ideal Depth	Packaging	Warranty
HLED-PE-2W7K HLED-PN2-7K24 <i>(PhoenixNRG Series)</i>	Pure White	170° Phoenix Wing Optics	105.4 lm/mod (189.7lm/ft)	12v <b>24v*</b>	0.62	1.77	12"	7000K	2.5"-10"	Anti-static bag, 80 mods (45ft)	7 year product 5 year labor
HLED-PF2080W HLED-PF2080B HLED-PF2080G HLED-PF2080R HLED-PF2080Y HLED-PF2080OR <i>(Phoenix Series)</i>	Pure White Blue Green Red Yellow Orange	170° Phoenix Wing Optics	91 lm/mod (158 lm/ft) 8 lm/mod (13.9 lm/ft.) 44 lm/mod (76.5 lm/ft.) 20 lm/mod (34.8lm/ft.) 14 lm/mod (24.4lm/ft.) 24 lm/mod (41.7 lm/ft.)	12v	0.8	1.74	12"	7000K 455-460nm 520-525nm 620-625nm 590-595nm 600-610nm	2.5"-8"	Anti-static bag, 120 mods (69ft)	7 year product 5 year labor
HLED-PF3120W HLED-PF3120B HLED-PF3120R HLED-PF3120OR <i>(Phoenix Series)</i>	Pure White Blue Red Orange	170° Phoenix Wing Optics	138 lm/mod (212.5 lm/ft) 18 lm/mod (27.7 lm/ft.) 32lm/mod (49lm/ft.) 48 lm/mod (74 lm/ft.)	12v	1.2	1.54	18"	7000K 455-460nm 620-625nm 600-610nm	3"-12"	Anti-static bag, 80 mods (52ft)	7 year product 5 year labor
HLED-KS2100W HLED-KS2100W10K <i>(Kestrel Series)</i>	Pure White Cool White	180° Kestrel Optics	165 lm/mod (247 lm/ft) 160 lm/mod (240 lm/ft)	12v	1	1.5	15"	7500K 10000K	2.5"-10"	Anti-static bag, 80 mods (53ft)	7 year product 5 year labor
HLED-P2072WZ <i>(Peregrine Series)</i>	Pure White	160°	70 lm/mod (140 lm/ft)	12v	72	2	9"	7000K	2.5"-8"	Anti-static bag, 80 mods (53ft)	5 year product 5 year labor

\* Want to make your shop Highly Efficient, too?

Reduce install mistakes and improve efficiency by transforming your shop with our 24volt System. With our 24volt PhxNRG MODULES, our 24volt PhxNRG BARS & 24volt Wing Span products, you only need 24volt Hanley Premium Power Supplies stocked in your shop.



# HanleyLED Side By Side Comparison

## SPECIALTY CHANNEL LETTER SOLUTIONS



Part#	Color	Viewing Angle	Lumen Output	Voltage	Watts/Module	Modules/Foot (fully stretched)	Max Spacing	Color Temp	Ideal Depth	Packaging	Warranty
HLED-PE-1W7K <i>(PhoenixNRG Series)</i>	Pure White	170° Phoenix Wing Optics	76 lm/mod (174lm/ft)	12v	0.45	2.29	8"	7000K	2"-5"	Anti-static bag, 90 mods (42.5ft)	7 year product 5 year labor
HLED-PF2030 (MINI) <i>(Phoenix Series)</i>	White	Wide 160°	34 lm/mod (150 lm/ft)	12v	.3	4.4	6"	7000k	1.5"-8"	Anti-static bag, 150 mods (34ft)	7 year product 5 year labor
HLED-RGB2072 <i>(Peregrine Series)</i>	Red Green Blue	Wide 160°	14 lm/mod	12v	0.72	1.53	8"	620 ~ 625nm 520 ~ 525nm 465 ~ 470nm	2.5"-8"	Anti-static bag, 75 mods (49ft)	5 year product 5 year labor
HFLX-SB60WPURE HFLX-SB60WDAY HFLX-SB60WWARM HFLX-RGB48 <i>(Flex Strip Series)</i>	Pure White Day White Warm White Red, Green, Blue	115°	420 lm/meter 420 lm/meter 420 lm/meter Red 120 lm/m, Green 180 lm/m, Blue 60 lm/m	12v	6 w/meter	60 leds/meter	N/A	7000K 4500K 2800K Red 620-530nm Green 252-530nm Blue 465-470nm	N/A	5 meter reels	3 year product

# HanleyLED

## HanleyLED Side By Side Comparison CABINET SOLUTIONS



Part#	Color	Viewing Angle	Lumen Output	Watts/Module	Modules/Foot (fully stretched)	Max Spacing	Color Temp	Ideal Depth	Packaging	Warranty	Input Voltage
HLED-PE-4W7K HLED-PN4-7K24 <i>(PhoenixNRG Series)</i>	Pure White	170° Phoenix Wing Optics	170 (lm/w) 244 lm/mod (314.7 lm/ft)	1.44	1.31	18"	7000k	3"-15"	Anti-static bag, 40 mods (30.8ft)	5 year product 5 year labor	12v <b>24v*</b>
HLED-PE-3W7K <i>(PhoenixNRG Series)</i>	Pure White	170° Phoenix Wing Optics	170 (lm/w) 170 lm/mod (261.8 lm/ft)	1	1.5	18"	7000k	3"-12"	Anti-static bag, 75 mods (50ft)	5 year product 5 year labor	12v
HLED-PF4180 <i>(Phoenix Series)</i>	Pure White	170° Phoenix Wing Optics	114 (lm/w) 205 lm/mod (3239 lm/ft)	1.8	1.58	18"	7000K	5"-15"	Anti-static bag, 50 mods (32 ft)	5 year product 5 year labor	12v
HLED-PF3120 <i>(Phoenix Series)</i>	Pure White	170° Phoenix Wing Optics	114 (lm/w) 137 lm/mod (202.76 lm/ft)	1.2	1.48	18"	7000k	3"-12"	Anti-static bag, 80 mods (54 ft)	5 year product 5 year labor	12v
HLED-WS1072W <i>(Wingspan Series)</i>	Pure White	170° wingspan	77 lm/mod (177 lm/ft.)	.72	2.3	12"	7000K	1.5-6"	Anti-static bag, 80 mods (35ft)	7 year product 5 year labor	12v
HLED-WS1240 <i>(Wingspan Series)</i>	Pure White	170° wingspan	215 lm/mod (279.5 lm/ft.)	2.4	1.3	24"	7000K	6-18"	Anti-static bag, 66 mods (50ft)	7 year product 5 year labor	12v
HLED-WS3360W24 <i>(Wingspan Series)</i>	Pure White	170° wingspan	310 lm/mod (260 lm/ft)	3.6	0.84	24"	6500K	6-24"	Anti-static bag, 25 mods (29.5ft)	7 year product 5 year labor	<b>24v*</b>
HLED-WS6600W24 <i>(Wingspan Series)</i>	Pure White	170° wingspan	560 lm/mod (464 lm/ft)	6	.78	24"	6500k	4.5-15" *depth from face	Anti-static bag, 15 modules (18.75ft)	7 year product 5 year labor	<b>24v*</b>
HLED-S1270 (mini) <i>(Stellar Series)</i>	White	11° x 77° directional beam	270 lm/mod (412 lm/ft)	2.7	1.52	48"	6500k	3-6"	Anti-static bag, 20 modules (13ft)	7 year product 5 year labor	12v
HLED-S1720 (BIG) <i>(Stellar Series)</i>	White	11° x 77° directional beam	800 lm/mod (697 lm/ft)	7.2	.87	120"	6500k	5-48"	16 mods/tray (18 ft)/tray 1 tray per box 6 boxes per case	7 year product 5 year labor	24v

\* Want to make your shop Highly Efficient, too?

Reduce install mistakes and improve efficiency by transforming your shop with our 24volt System. With our 24volt PhxNRG MODULES, our 24volt PhxNRG BARS & 24volt Wing Span products, you only need 24volt Hanley Premium Power Supplies stocked in your shop.

Part#	Color	Viewing Angle	Lumen Output	Watts	Color Temp	Ideal Depth	Packaging	Warranty	Input Voltage
HPEB-2S24 21" HPEB-2S30 27" HPEB-2S36 33" HPEB-2S42 39.1" HPEB-2S48 45.125" HPEB-2S60 57" HPEB-2S64 61.1" HPEB-2S72 69" HPEB-2S84 81" HPEB-2S96 93" HPEB-2S108 105" HPEB-2S117 114" HPEB-2S120 117" <i>(PhoenixNRG Bar)</i>	Pure White	Wide 170°	1122 1496 1870 2210 2550 3400 3740 4080 4930 5610 6290 6800 7140	6.6 8.8 11 13 15 20 22 24 29 33 37 40 42	7000K	6"-30"	Your PhoenixNRG bar is ready to go out of the package. Simply open the hinge and snap your bar into existing lamp sockets for retrofits, or screw directly into existing structure for new installs. NO PEELING AND STICKING OF MODULES REQUIRED!	7 year product 5 year labor	24v*
HLED-KSS1S24 21.91" HLED-KSS1S30 27.91" HLED-KSS1S36 33.91" HLED-KSS1S42 39.91" HLED-KSS1S48 45.91" HLED-KSS1S60 57.91 HLED-KSS1S64 61.91" HLED-KSS1S72 69.91" HLED-KSS1S84 81.91" HLED-KSS1S96 93.91" HLED-KSS1S108 105.91" HLED-KSS1S117 114.91" HLED-KSS1S120 117.91" <i>(Kestrel Sticks) Single Sided</i>	Pure White	Wide 180°	792 990 1188 1386 1584 1980 1980 2376 2772 3168 3564 3168 3960	4.8 6 7.2 8.4 9.6 12 12 14.4 16.8 19.2 21.6 19.2 24	7000K	3"-15"	All sticks are ready to go out of the box with free shipping anywhere in continental U.S.	7 year product 5 year labor	24v
HLED-KSS2S24 21.91" HLED-KSS2S30 27.91" HLED-KSS2S36 33.91" HLED-KSS2S42 39.91" HLED-KSS2S48 45.91" HLED-KSS2S60 57.91" HLED-KSS2S64 61.91" HLED-KSS2S72 69.91" HLED-KSS2S84 81.91" HLED-KSS2S96 93.91" HLED-KSS2S108 105.91" HLED-KSS2S117 114.91" HLED-KSS2S120 117.91" <i>(Kestrel Sticks) Double Sided</i>	Pure White	Wide 180°	1584 1980 2376 2772 3168 3960 3960 4752 5544 6336 7128 6336 7920	9.6 12 14.4 16.8 19.2 24 24 28.8 33.6 38.4 43.2 38.4 48	7000K	6"-30"	All sticks are ready to go out of the box with free shipping anywhere in continental U.S.	7 year product 5 year labor	24v

\*2 year labor warranty if paired with HanleyLED modules, 1 year labor warranty if paired with any other qualified LEDs. | \*\*1 year labor warranty; no labor warranty if not paired with HanleyLED modules.



# HanleyLED Side By Side Comparison

## POWER SUPPLIES



Part#	Variable Input Voltage	Output Voltage	Power Recommendation	IP Rating	Features	Warranty
H60W-SD-12	100 - 277v	12V	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· High performance superior power supply · Up to 20 drivers per circuit with low Max Input Amp rating · Silver design for improved light reflection in self-contained signs	<b>NEW! 7 year*</b>
H60W-PPS5	100 - 277v	12v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H100W-PPS5	100 - 277v	12v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H150W-PPS5	100-277v	12v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H240W-PPS5	100-277v	12v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H60W-PPS524V	100 - 277v	24v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H100W-PPS524V	100 - 277v	24v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H150W-PPS524V	100 - 277v	24v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H240W-PPS524V	100 - 277v	24v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	<b>NEW! 7 year*</b>
H60W-PPSEM	100 - 277v	12v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	5 year*
H100W-PPSEM	100 - 277v	12v	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	5 year*
H150W-PPSEM	100-277v	12V	100% power load tested. HanleyLED recommends underloading 10% whenever possible.	IP68	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	5 year*
H60W-PPSE	100 - 277v	12v	85%	IP67	· Premium quality · Waterproof! · Aluminum case for optimal heat distribution · Suited for wet, damp, & dry locations	3 year**