



PHOENIX SERIES

By HanleyLED

RISE TO BRIGHTNESS



HanleyLED



1 bag = (1) 100w driver

BRIGHT



PF-2080

BRIGHTEST



PF-4180

BRIGHTER



PF-3120

PHOENIX SERIES SPACING CHART

LED MODULE	DEPTH	SPACE BETWEEN ROWS	SPACE BETWEEN MODULES
PF-2080	2.5"	SINGLE STROKE 6" MULTIPLE STROKE 5"	6"
	3"	SINGLE STROKE 8" MULTIPLE STROKE 6"	6.89"
	4"	SINGLE STROKE 10" MULTIPLE STROKE 8"	6.89"
	5"	SINGLE STROKE 13" MULTIPLE STROKE 10"	6.89"
	6"-10"	SINGLE STROKE 15" MULTIPLE STROKE 10"	6.89"
PF-4180	3"	SINGLE STROKE 8" MULTIPLE STROKE 6"	7"
	4"	SINGLE STROKE 10" MULTIPLE STROKE 8"	7"
	5"	SINGLE STROKE 14" MULTIPLE STROKE 10"	7.52"
	6"	SINGLE STROKE 18" MULTIPLE STROKE 15"	7.52"
	7"	SINGLE STROKE 22" MULTIPLE STROKE 15"	7.52"
	8"-12"	SINGLE STROKE 24" MULTIPLE STROKE 18"	7.52"
PF-3120	3"	SINGLE STROKE 8" MULTIPLE STROKE 6"	7"
	4"	SINGLE STROKE 10" MULTIPLE STROKE 8"	7"
	5"	SINGLE STROKE 14" MULTIPLE STROKE 10"	8"
	6"	SINGLE STROKE 16" MULTIPLE STROKE 12"	8"
	7"	SINGLE STROKE 18" MULTIPLE STROKE 12"	8"
	8"-12"	SINGLE STROKE 20" MULTIPLE STROKE 16"	8"

Note: Spacing may vary depending on face material and desired brightness

Phoenix Series

PF-3120



LM79 LM80 L70:5+ YEARS

Features

- Most versatile module on the market
- Bright channel letters or cabinets.
- High lumen output (137 lm/mod)
- Premium components, high efficiency chips, and great heat dissipation for longer, reliable life.
- 16" max stroke
- Guaranteed life over 50,000 hours
- Identical Bin Code-One Color Guarantee
- HanleyPRO Layout Creator at hanleyledsolutions.com

Specifications

Viewing Angle 170° Phoenix Wing Optics

Input Voltage 12vDC

Watts 1.2w/mod (1.77w/ft.)

Luminous Efficacy 114 (lm/W)

Modules/Foot 1.48/ft. fully stretched

Protection Grade IP65 water proof

Packaging Anti-static bag, 80 modules (54 ft)/bag

Warranty 10 Year (Product) / 5 Year (Labor)

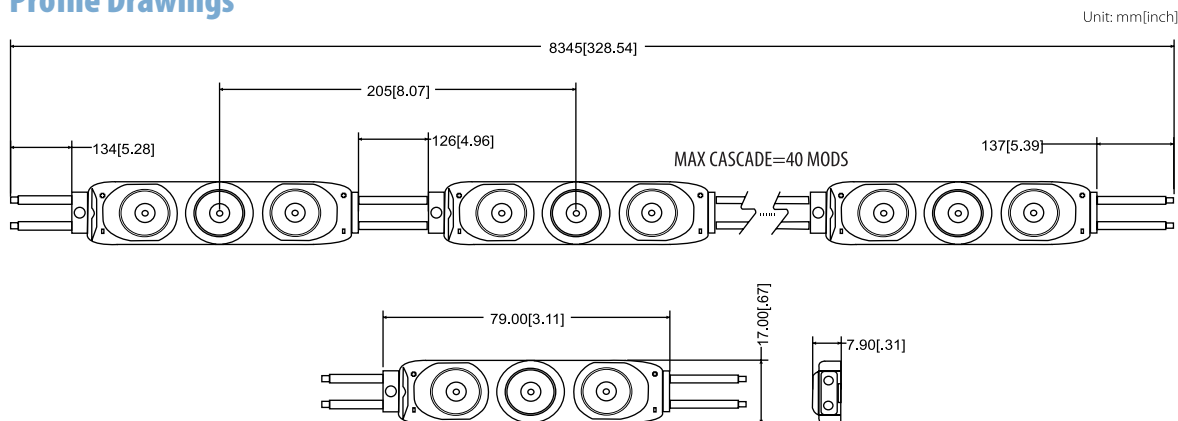
Operating Temp. -40° ~ +60 °C / -40° ~ +140 °F

Storage Temp. -40° ~ -70 °C / -40° ~ +158 °F

Cascade 40mods single-ended power feed
80mods double-ended power feed

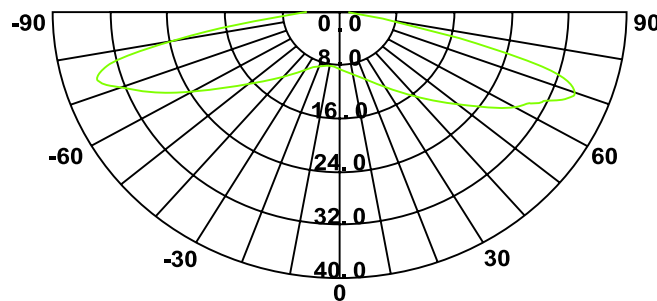
Color	Part#	Color Temp	Lumens
Pure White	HLED-PF3120	7000K	137 lm/mod (202.76 lm/ft.)
Cool White	HLED-PF3120WCO	9000K	132 lm/mod (195 lm/ft.)
Red	HLED-PF3120R	620-625nm	41 lm/mod (60 lm/ft.)

Profile Drawings



	MAX POWER SUPPLY LOAD					
MODEL	35W	60W	100W	120W	150W	240W
PF-3120	29mods	50mods	82mods	100mods	123mods	200mods

Light Distribution



**1
AND
DONE**

1 bag = (1) 100w premium power supply