P HE SERIES

Designed for Channel Letters

DESIGNED FOR CHANNEL LETTERS

10 YRS WARRANTY

MIN MAX 1:18 RATIO

UP TO 120 lm/W

IP 67

7000 K AND OTHER COLORS

SERIES SPECIFICATIONS

LED type	2835
Input	12V DC
Beam angle	165°
Protection level	IP 67
Working temperature	-22°F + 122°F
Warranty	**10-YEAR PRODUCT & 5-YEAR LIMITED LABOR**
Efficiency	up to 120lm/W

P0 0.36W P1 0.5W



P2 0.72W P2 1.0W



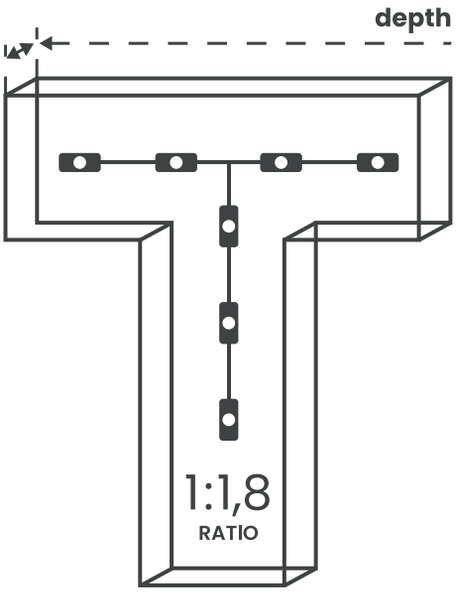
P3 1.5W



P4 2.0W



RECOMMENDED LAYOUT



Model	Depth	Mods/fit	Single stroke width	Multi-row on-center spacing
P0 HE 0.36 W	2″	3.7	5.4″	3.1″
	3″	2.5	6″	5″
P1 HE 0.50 W	4″	2.0	12″	7″
	5″	2.0	12″	9″
P2 HE 0.72 W	3″	2.5	8″	5″
	4″	2.0	12″	7″
	5″	1.7	16″	9″
	6″	1.7	18″	11″
P2 HE 1.0 W	3″	2.5	8″	5″
	4″	2.0	12″	7″
	5″	1.7	16″	9″
	6″	1.7	18″	11″
P3 HE 1.5 W	3″	2.5	8″	5″
	4″	1.7	12″	7″
	5″	1.4	16″	9″
	6″	1.4	18″	11″
	7″	1.4	22″	13″
	8″	1.4	24″	15″
P4 HE 2.0 W	3″	2.5	8″	5″
	4″	1.7	12″	7″
	5″	1.4	16″	9″
	6″	1.4	18″	11″
	7″	1.4	22″	13″
	8″	1.4	24″	15″

Product	60 W	100 W
	Watts/Mods-Max.Mods	Watts/Mods-Max.Mods
P0 HE 0.36 W	0.36-160	0.36-275
P1 HE 0.50 W	0.5-120	0.5-200
P2 HE 0.72 W	0.72-80	0.72-138
P2 HE 1.0 W	1.0-60	1.0-100
P3 HE 1.5 W	1.5-40	1.5-65
P4 HE 2.0 W	2.0-30	2.0-50

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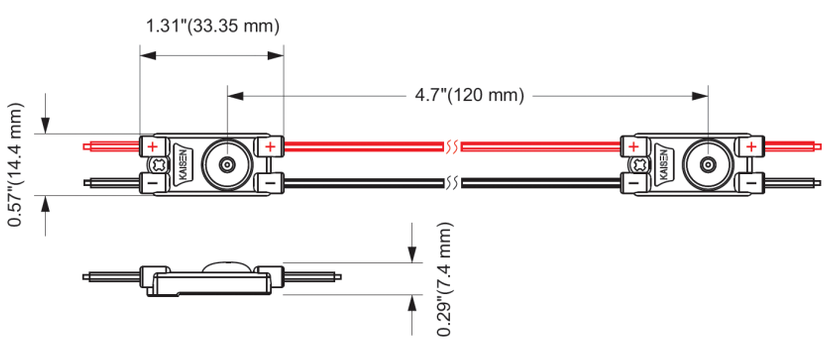
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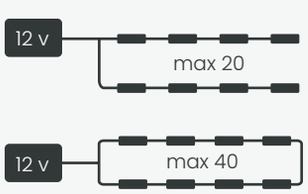
PRODUCT SPECIFICATION

Product	CCT	Part number	Wattage	Lumens per module	Module C-C	Modules per chain	Packaging
P0 HE	7000 K	KM-P0-0.36 W-75 K-HE-12 V	0.36 W	43 lm	4.7″	20	100 pcs / 1.05 lbs bag 2200 pcs / 25.09 lbs carton
P1 HE	7000 K	KM-P1-0.5 W-75 K-HE-12 V	0.50 W	60 lm	6.3″	20	100 pcs / 1.25 lbs bag 2000 pcs / 25.31 lbs carton
P2 HE 0.72 W	7000 K	KM-P2-0.72 W-75 K-HE-12 V	0.72 W	86 lm	7.09″	20	100 pcs / 1.85 lbs bag 1600 pcs / 27.78 lbs carton
	3000 K	KM-P2-0.72 W-30 K-HE-12 V		86 lm			
	4000 K	KM-P2-0.72 W-40 K-HE-12 V		86 lm			
	5000 K	KM-P2-0.72 W-50 K-HE-12 V		86 lm			
	10 000 K	KM-P2-0.72 W-10 K-HE-12 V		86 lm			
	Red	KM-P2-0.72 W-R-HE-12 V		19 lm			
	Green	KM-P2-0.72 W-G-HE-12 V		25 lm			
	Blue	KM-P2-0.72 W-B-HE-12 V		10 lm			
P2 HE 1 W	7000 K	KM-P2-1 W-75 K-HE-12 V	1.00 W	115 lm	7.87″		
P3 HE	7000 K	KM-P3-1.5 W-75 K-HE-12 V	1.50 W	172 lm	9.45″	20	100 pcs / 2.52 lbs bag 1000 pcs / 25.71 lbs carton
P4 HE	7000 K	KM-P4-2 W-75 K-HE-12 V	2.00 W	230 lm	13.4″	20	100 pcs / 4.00 lbs bag 700 pcs / 28.22 lbs carton

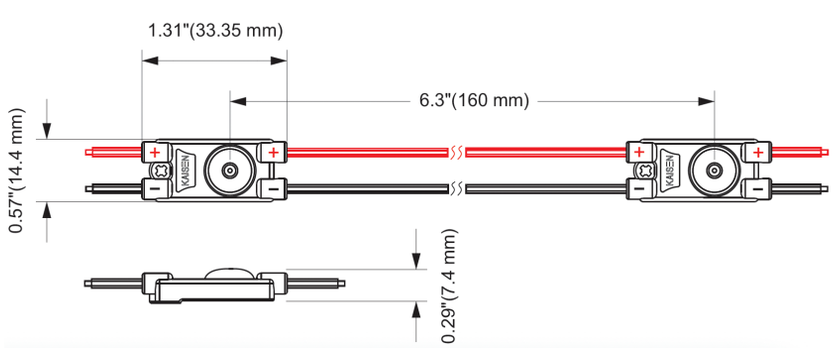
P0 0.36W

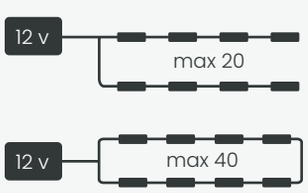
CONNECTION





P1 0.5W





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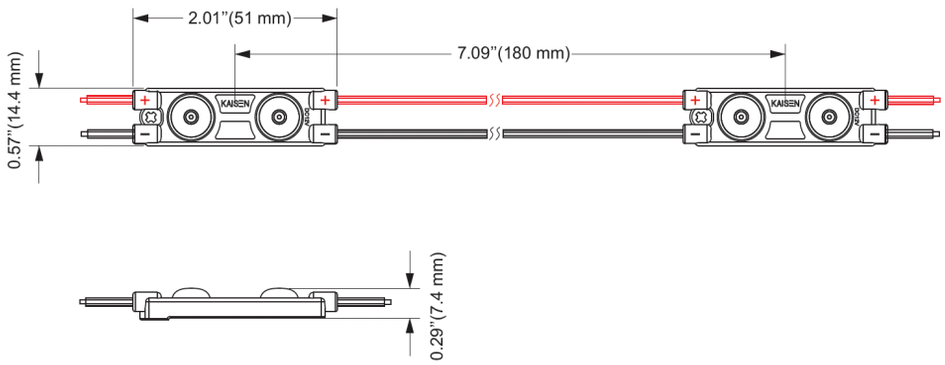
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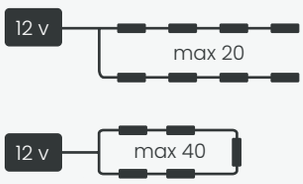
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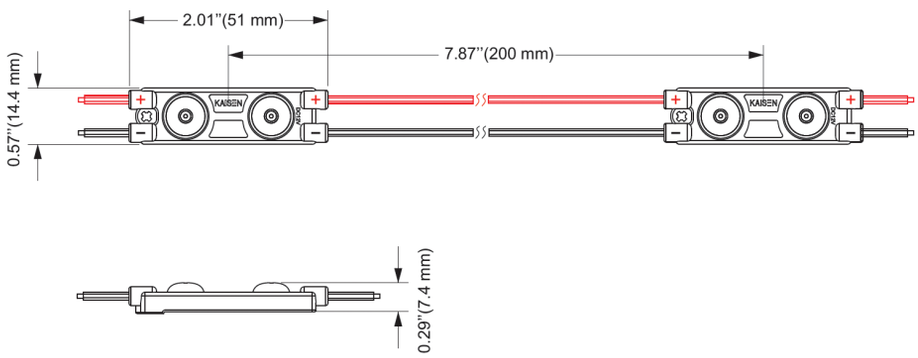
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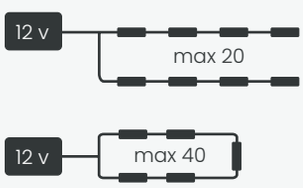
P2 0.72W



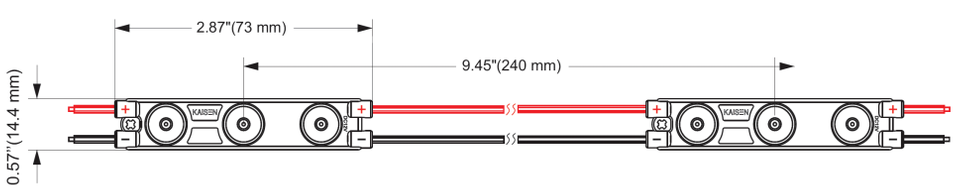


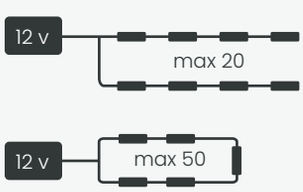
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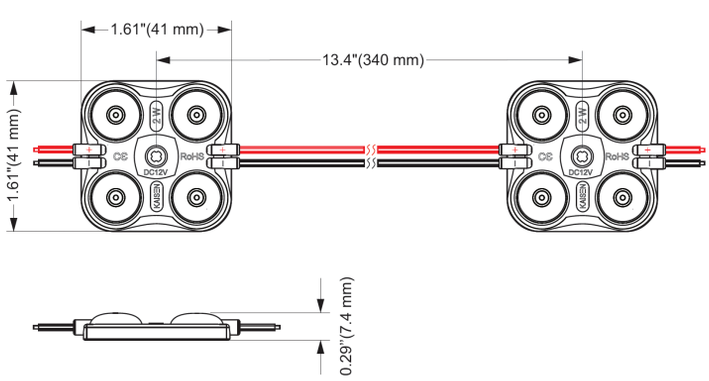


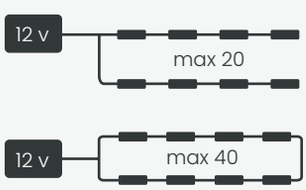
P3 1.5W





P4 2.0W





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