QWIK MOD™ 12V G1 12 VDC

12V LED channel letter illumination

QWIKMOD Series

Specifications

Qwik Mod

Dimensions L × W × H ..... Qwik Mod 1 .....1.4" × 0.69" × 0.25"
Qwik Mod 2 .....2.2" × 0.69" × 0.25"
Qwik Mod 3 .....3.14" × 0.69" × 0.25"
Qwik Mod 4 .....1.77" × 1.7" × 0.25"

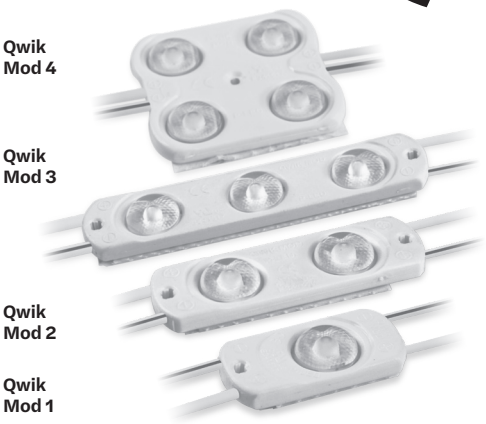
Beam angle .....170° Ultra-wide low dome batwing optic with diamondback optic lens technology

Mounting options ..... Peel & Stick and mechanical screw hole

Operating temp..... -30° C to +60° C

Environment IP68

Spacing..... Qwik Mod 1 .....2.5 mods/ft
(fully-stretched) Qwik Mod 2 .....1.7 mods/ft
Qwik Mod 3 & 4 ....1.5 mods/ft



Qwik Release Tab reduces labor time

Wire color ..... Whites .....White solid (+) / White/Black stripe (-)*
Colors.....Gray, Red, Green, or Blue solid (+) / White/Black stripe (-)

Warranty.....10-Year Product / 5-year Limited Labor

Product	Max. mods (series)§	CCT/Wavelength	SKU	Intensity	Efficacy	Packaging	UL number
Qwik Mod 1	75 mods (30 ft)	7100 K	M-QMSX0-71	47.2 lm/mod (118 lm/ft)	118 lm/W	Mods per bag: 150 (60 ft) Mods per case: 1500 (600 ft)	PL-QM1-TW110-P
		5000 K	M-QMSX0-50				PL-QM1-NW110-P
		4100 K†	M-QMSX0-41				PL-QM1-MW110-P
Qwik Mod 2	38 mods (22.35 ft)	7100 K	M-QMDX0-71	94.1 lm/mod (160 lm/ft)	118 lm/W	Mods per bag: 76 (44.7 ft) Mods per case: 912 (536.52 ft)	PL-QM2-TW150-P
		5700 K†	M-QMDX0-57				PL-QM2-WN150-P
		5000 K	M-QMDX0-50				PL-QM2-NW150-P
		4100 K†	M-QMDX0-41				PL-QM2-MW150-P
		3500 K†	M-QMDX0-35				PL-QM2-WW150-P
		3000 K	M-QMDX0-30				PL-QM2-DW150-P
		2700 K	M-QMDX0-27				PL-QM2-IW150-P
		Red (625 nm)	M-QMDX0-RD	22 lm/mod (37.4 lm/ft)	27.5 lm/W		PL-QM2-RD37-P
		Amber (589 nm)	M-QMDX0-AM	20.4 lm/mod (34.68 lm/ft)	22.93 lm/W		PL-QM2-AM150-P
		Red-Orange (613 nm)	M-QMDX0-RO	29.97 lm/mod (50.95 lm/ft)	34 lm/W		PL-QM2-RO150-P
		Orange (617 nm)	M-QMDX0-OR	25.66 lm/mod (43.62 lm/ft)	29.68 lm/W		PL-QM2-OR37-P
		Green (525 nm)	M-QMDX0-GR	44 lm/mod (75 lm/ft)	53.51 lm/W		PL-QM2-GR75-P
		Blue (460 nm)	M-QMDX0-BL	10 lm/mod (17 lm/ft)	12.31 lm/W		PL-QM2-BL17-P
Qwik Mod 3	25 mods (16.67 ft)	7100 K	M-QMTX0-71	136.7 lm/mod (205 lm/ft)	114 lm/W	Mods per bag: 50 (33.3 ft) Mods per case: 750 (500 ft)	PL-QM3-TW200-P
		5000 K	M-QMTX0-50				PL-QM3-NW200-P
		4100 K†	M-QMTX0-41				PL-QM3-MW200-P
		Red (625 nm)	M-QMTX0-RD	34 lm/mod (51 lm/ft)	28.33 lm/W		PL-QM3-RD51-P
		Amber (593 nm)	M-QMTX0-AM	33.44 lm/mod (50.16 lm/ft)	26.42 lm/W		PL-QM3-AM200-P
		Red-Orange (610 nm)	M-QMTX0-RO	67.86 lm/mod (101.78 lm/ft)	52.5 lm/W		PL-QM3-RO200-P
		Orange (612 nm)	M-QMTX0-OR	63.77 lm/mod (95.66 lm/ft)	50.06 lm/W		PL-QM3-OR200-P
		Green (525 nm)	M-QMTX0-GR	86 lm/mod (129 lm/ft)	68.61 lm/W		PL-QM3-GR129-P
		Blue (460 nm)	M-QMTX0-BL	18 lm/mod (27 lm/ft)	14.81 lm/W		PL-QM3-BL27-P
Qwik Mod 4	19 mods (12.67 ft)	7100 K	M-QMQX0-71	180 lm/mod (270 lm/ft)	113 lm/W	Mods per bag: 38 (25.3 ft) Mods per case: 912 (608 ft)	PL-QM4-TW260-P
		5000 K	M-QMQX0-50				PL-QM4-NW260-P
		4100 K†	M-QMQX0-41				PL-QM4-MW260-P

* Check module for polarity.
† Available in limited supply.
§ Max Mods in Series is a NOT a safety requirement; simply a recommendation to ensure even illumination across the strand of modules. Wiring more than the recommended amount in series (up to the FULL power supply load) can result in minimal light loss, but will result in no safety issues.

E341517 RoHS Compliant

Specifications subject to change without notice.

PRINCIPAL SLOAN
A Principal Industries Company

QWIK MOD™ 12V G1 12 VDC

12V LED channel letter illumination

QWIKMOD Series

Specifications

Qwik Mod Mini

Dimensions L × W × H ..... Qwik Mod Mini 1, ..0.55" × 0.35" × 0.35"
Qwik Mod Mini 1 HD
Qwik Mod Mini 2....1.02" × 0.35" × 0.35"

Beam angle ..... 180˚ × 140˚ Low dome diamondback optic

Mounting options ..... Peel & Stick, silicone required
(Peel & Stick for temporary placement only)

Operating temp ..... -25° C to +60° C

Environment IP67

Spacing ..... Qwik Mod Mini 1 ...4.14 mods/ft
(fully-stretched) Qwik Mod Mini 1 HD ....6.1 mods/ft
Qwik Mod Mini 2....3.33 mods/ft

Wire color ..... Whites .....White solid (+) / White/Black stripe (-)*
Colors.....Gray, Red, Green, or Blue solid (+) / White/Black stripe (-)

Warranty ..... 10-Year Product / 5-year Limited Labor

Qwik Mod Mini 1

Qwik Mod Mini 2

Product	Max. mods (series)§	CCT/Wavelength	SKU	Power	Intensity	Efficacy	Packaging	UL number
Qwik Mod Mini 1	240 mods (58 ft)	7000 K	M-QMM10-70	0.24 W/mod (0.99 W/ft)	25 lm/mod (103.5 lm/ft)	104.2 lm/W	Mods per bag: 240 (58 ft) Mods per case: 4,800 (1,160 ft)	PL-MN1-QM70-P
		2700 K*	M-QMM10-27					PL-MN1-QM27-P
Qwik Mod Mini 1 HD	240 mods (39.34 ft)	7000 K	M-QMM1H-70	0.24 W/mod (1.46 W/ft)	25 lm/mod (152.5 lm/ft)	104.2 lm/W	Mods per bag: 240 (39.34 ft) Mods per case: 4,800 (786.89 ft)	PL-MN1-QM70-P (HD)
		5700 K*	M-QMM1H-57					PL-MN1-QM57-P (HD)
		5000 K*	M-QMM1H-50					PL-MN1-QM50-P (HD)
		4100 K*	M-QMM1H-41					PL-MN1-QM41-P (HD)
		3500 K*	M-QMM1H-35					PL-MN1-QM35-P (HD)
		3000 K*	M-QMM1H-30					PL-MN1-QM30-P (HD)
		2700 K*	M-QMM1H-27					PL-MN1-QM27-P (HD)
		Red (667 nm)	M-QMM1H-RD		3 lm/mod (18.3 lm/ft)	14.4 lm/W		PL-MN1-QMRD-P (HD)
		Green (508 nm)	M-QMM1H-GR		19 lm/mod (115.9 lm/ft)	73.5 lm/W		PL-MN1-QMGR-P (HD)
		Blue (453 nm)	M-QMM1H-BL		4 lm/mod (24.4 lm/ft)	9.56 lm/W		PL-MN1-QMBL-P (HD)
Qwik Mod Mini 2	120 mods (36 ft)	7000 K	M-QMM20-70	0.48 W/mod (1.60 W/ft)	50 lm/mod (166.5 lm/ft)	104.2 lm/W	Mods per bag: 120 (36 ft) Mods per case: 3,000 (900 ft)	PL-MN2-QM70-P
		3500 K	M-QMM20-35		50 lm/mod (166.5 lm/ft)	104.2 lm/W		PL-MN2-QM30-P
		Red (629 nm)	M-QMM20-RD		9.45 lm/mod (31.47 lm/ft)	20.68 lm/W		PL-MN2-QMRD-P
		Ruby Red (637 nm)	M-QMM20-RR		7.1 lm/mod (23.64 lm/ft)	15.72 lm/W		PL-MN2-QMRR-P
		Amber (593 nm)	M-QMM20-AM		8.9 lm/mod (29.64 lm/ft)	18.39 lm/W		PL-MN2-QMAM-P
		Red-Orange (616 nm)	M-QMM20-RO		15.321 lm/mod (51.02 lm/ft)	30.60 lm/W		PL-MN2-QMRO-P
		Orange (617 nm)	M-QMM20-OR		14.46 lm/mod (48.15 lm/ft)	29.54 lm/W		PL-MN2-QMOR-P
		Green (517 nm)	M-QMM20-GR		48.87 lm/mod (162.74 lm/ft)	84.28 lm/W		PL-MN2-QMGR-P
		Blue (462 nm)	M-QMM20-BL		9.5 lm/mod (31.64 lm/ft)	18.27 lm/W		PL-MN2-QMBL-P

* Available in limited supply.

§ Max Mods in Series is a NOT a safety requirement; simply a recommendation to ensure even illumination across the strand of modules. Wiring more than the recommended amount in series (up to the FULL power supply load) can result in minimal light loss, but will result in no safety issues.

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QWIKMOD Series

Recommended Coverage Chart (Channel Letters)

Qwik Mod

Model		Depth	Mods/ft	Single stroke width	Multi-row on-center spacing
Qwik Mod 1		2"	3	6"	4"
		3"		8"	7"
		4"	2.5	12"	9"
		5"			11"
Qwik Mod 2	Whites	3"	3	8"	7"
		4"	1.7	12"	12"
		5"		16"	13"
		6"		18"	14"
	Colors	3"	3	8"	7"
		4"	1.7	12"	12"
		5"		16"	13"
Qwik Mod 3	Whites	3"	3	8"	7"
		4"	1.5	13"	12"
		5"		16"	13"
		6"		18"	14"
		7"		22"	16"
		8"		24"	18"
	Colors	3"	2	8"	7"
		4"	1.5	13"	12"
		5"		16"	13"
		6"		18"	14"
		7"		20"	16"
		8"		22"	18"
Qwik Mod 4		3"	3	8"	7"
		4"	1.5	13"	12"
		5"		16"	13"
		6"		18"	14"
		7"		22"	16"
		8"		24"	18"

Product and depth may vary depending on face material and desired brightness.
All spacing guidelines in this chart were done using 7328 White Acrylic faces. Other materials, thicknesses, and color can affect these guidelines in your sign. To ensure accuracy, it is recommended that you test the product in your specific application in a dark setting prior to installation. If you have concerns or questions about the materials you are using for your application please contact us for assistance.

Qwik Mod Mini

Model	Depth	Max. stroke (single row)	Multi-row on-center spacing
Qwik Mod Mini 1	1"	2.5" at 7.5 mods/ft	1.5" at 7.5 mods/ft
	2"	4"	3"
Qwik Mod Mini 1 HD	1"	2.5" at 7.5 mods/ft	1.5" at 7.5 mods/ft
	2"	4"	3"
Qwik Mod Mini 2	1"	2.5" at 7.5 mods/ft	1.5" at 7.5 mods/ft
	2"	4"	3"
	3"	6"	5"

Power Supply Options

Qwik Mod

Product	60 W		20 W	
	Watts/Mod‡	Max. Mods§	Watts/Mod‡	Max. Mods§
Qwik Mod 1	0.4	150	0.42	47
Qwik Mod 2	0.8	76	0.84	23
Qwik Mod 3	1.2	50	1.26	15
Qwik Mod 4	1.6	38	1.68	11
Qwik Mod Mini 1	0.24	240	0.24	80
Qwik Mod Mni 1 HD	0.24	240	0.24	80
Qwik Mod Mni 2	0.48	120	0.48	40

‡ Watts per mod may vary depending on run footage.
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10|5 YEAR
10-Year Product | 5-Year Labor
WARRANTY

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