



EQUATORE LED STRIP LIGHTING FOR ALL APPLICATIONS.

The Equatore LED Strip and Profile is a comprehensive family of quality LED strips and compact profiles designed to suit a variety of applications including shelf, under cabinet, cove, feature lighting and other commercial and retail applications.

Product features

- LED strip available in a variety of colour temperature options including 3000K, 4000K as well as RGB and RGBW
- Constant voltage 24V DC input
- Efficiency of up to 130Lm/W
- CRI 90 as standard
- 120° beam angle
- LED strip is tested to Ta 40°, ideal for environment with high ambient temperatures. To ensure optimum thermal management 14.4W and 19.2W tape must be installed onto an even aluminium surface/profile.
- LED strip comes in 50mm or 100mm cutting increments. Dotless option available with 25mm cutting length
- LED strip comes in IP20, IP66, *Neon Front View* and *Neon Side View* IP66 options
- Can be supplied in 30m rolls (except for *Neon Front* 20m) or cut and assembled to length
- Recommended maximum length in one run is 5m
- 3M double coated tape 9474LE for long lasting bond
- Choose from surface mount or recessed; shallow, deep and corner profile options. Maximum profile length is 2500mm
- Opal diffuser as standard
- Profiles come with end caps and mounting accessories



EQUATORE LED STRIP 30M ROLLS

TABLE 1

To order strip in 30m rolls, refer to below codes:

PART NUMBER	LED/METER	POWER /METER (W)	LUMEN/METER (lm)	LUMEN/WATT (lm)	CCT (K)	IP RATING (IP)	CRI	BEAM ANGLE	LED PITCH (mm)	TAPE WIDTH (mm)	CUT LENGTH (mm)	LED LIFETIME (L70)
EQS30000305	80	4.8	630	130	3000	20	90	120°	12.5	10	100	36,000
EQS30000405	80	4.8	660	130	4000	20	90	120°	12.5	10	100	36,000
EQS3000030566	80	4.8	630	130	3000	66	90	120°	12.5	10	100	36,000
EQS3000040566	80	4.8	660	130	4000	66	90	120°	12.5	10	100	36,000
EQS30000310	160	9.6	1240	130	3000	20	90	120°	6.25	10	50	36,000
EQS30000410	160	9.6	1300	130	4000	20	90	120°	6.25	10	50	36,000
EQS3000031066	160	9.6	1240	130	3000	66	90	120°	6.25	10	50	36,000
EQS3000041066	160	9.6	1300	130	4000	66	90	120°	6.25	10	50	36,000
EQS30000315	80	14.4	1780	120	3000	20	90	120°	12.5	10	100	36,000
EQS30000415	80	14.4	1880	120	4000	20	90	120°	12.5	10	100	36,000
EQS3000031566	80	14.4	1780	120	3000	66	90	120°	12.5	10	100	36,000
EQS3000041566	80	14.4	1880	120	4000	66	90	120°	12.5	10	100	36,000
EQS30000320	160	19.2	2430	120	3000	20	90	120°	6.25	10	50	36,000
EQS30000420	160	19.2	2560	120	4000	20	90	120°	6.25	10	50	36,000
EQS3000032066	160	19.2	2430	120	3000	66	90	120°	6.25	10	50	36,000
EQS3000042066	160	19.2	2560	120	4000	66	90	120°	6.25	10	50	36,000
EQS30000320L	280	19.2	1640	90	3000	20	90	120°	3.57	10	25	54,000
EQS30000420L	280	19.2	1730	90	4000	20	90	120°	3.57	10	25	54,000
EQS30000320L66	280	19.2	1640	90	3000	66	90	120°	3.57	10	25	54,000
EQS30000420L66	280	19.2	1730	90	4000	66	90	120°	3.57	10	25	54,000
EQS30000R15	60	14.4	450	25	RGB	20	80	120°	16.7	10	100	36,000
EQS30000R1566	60	14.4	450	25	RGB	66	80	120°	16.7	10	100	36,000
EQS30000W20	60	19.2	1030	45	RGB + 3000	20	80	120°	16.7	12	100	36,000
EQS30000W2066	60	19.2	1030	45	RGB + 3000	66	80	120°	16.7	12	100	36,000
EQS30000315NF	140	14.4	1140	65	3000	66	90	120°	n/a	8	50	36,000
EQS30000415NF	140	14.4	1200	65	4000	66	90	120°	n/a	8	50	36,000
EQS20000315NS	140	14.4	400	25	3000	66	90	120°	n/a	8	50	36,000
EQS20000415NS	140	14.4	430	25	4000	66	90	120°	n/a	8	50	36,000
EQS30000310NS	140	9.6	290	25	3000	66	90	120°	n/a	5	50	36,000
EQS30000410NS	140	9.6	310	25	4000	66	90	120°	n/a	5	50	36,000

DOTLESS
RGB/RGBW
NEON FRONT/SIDE

LED strip IP66 accessory kits

PART NUMBER	LED STRIP TYPE
EQSA66	Standard IP66 Strip
EQSANF66	Front View Neon Strip
EQSANS1566	Side View 15W Neon Strip
EQSANS1066	Side View 10W Neon Strip

Each accessory kit comes with 5 sets of terminal covers (with and without the hole), sealer & 10 pieces of fixing clips and screws.

To order profiles separately, refer to below codes:

2.5m profiles supplied with 5 metal clips and 2 end caps (with and w/o the hole)

PART NUMBER	DESCRIPTION	DRAWING	IMAGE
EQPRD25000K	Deep recessed profile 2.5m opal diffuser		
EQPSD25000K	Deep surface mount profile 2.5m opal diffuser		
EQPRS25000K	Shallow recessed profile 2.5m opal diffuser		
EQPSS25000K	Shallow surface mount profile 2.5m opal diffuser		
EQPCN25000K	Corner narrow profile 2.5m opal diffuser		
EQPCW25000K	Corner wide profile 2.5m opal diffuser		

Optional Accessories

PROFILE TYPE	PART NUMBER (END CAP WITH HOLE)	PART NUMBER (END CAP W/O HOLE)	METAL CLIP
Deep Recessed Profile	EQPRDECH	EQPRDEC	EQPRDMC
Deep Surface Mount Profile	EQPSDECH	EQPSDEC	EQPSDMC
Shallow Recessed Profile	EQPRSECH	EQPRSEC	EQPRSMC
Shallow Surface Mount	EQPSSECH	EQPSSEC	EQPSSMC
Corner Narrow Profile	EQPCNECH	EQPCNEC	EQPCNMC
Corner Wide Profile	EQPCWECH	EQPCWEC	EQPCWMC

To order LED strip or/and profile cut per length, follow these steps:

STEP 1

Select your Equatore LED Strip based on your length requirements.
(Refer to Table 1)

Ordering code

BRAND	LENGTH (mm) ⁽¹⁾	CCT (K)	POWER (W)	IP RATING (IP20 DEFAULT)	TYPE STANDARD (DEFAULT)
EQS – LED Equatore Strip	XXXX (max 30000)	3 – 3000	05 – 4.8	66 – IP66	L – Dotless
		4 – 4000	10 – 9.6		NF – Neon Front View ⁽²⁾
		R – RGB	15 – 14.4		NS – Neon Side View ⁽²⁾
		W – RGBW	20 – 19.2		

- Length must be a multiple of cutting increments as per Table 1.
- For Neon Front and Side View, IP66 is a default option. Neon front and Side View cannot be installed into profile. Compatible with 24V DC (constant voltage) drivers only.

STEP 2

Select your Equatore profile if required.
(Refer to Table 2) Profiles supplied with 2 metal clips per meter and 2 end caps per length.

Ordering code

BRAND	INSTALLATION TYPE	TYPE	LENGTH (mm)	DIFFUSER	
EQP – Equatore Profile	S – Surface mount	S – Shallow	XXXX (max 2500)	O – Opal	
		R – Recessed		D – Deep	C – Clear
		C – Corner		N – Narrow angle	
				W – Wide angle	

To order LED Strip and profile cut and assembled per length, use the following order code:

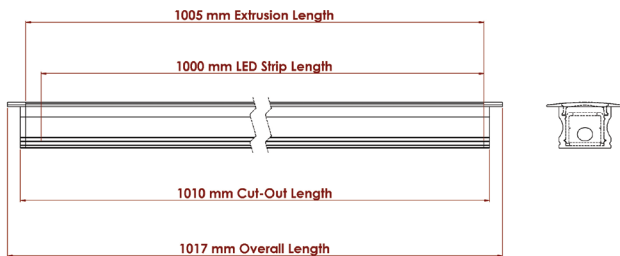
Ordering code

BRAND	INSTALLATION TYPE	TYPE	LENGTH* (mm)	DIFFUSER	CCT (K)	POWER (W)	TYPE STANDARD (DEFAULT)	IP RATING (IP20 DEFAULT)	
EQL – Equatore Luminaire	S – Surface mount	S – Shallow	XXXX (max 2500)	O – Opal	3 – 3000	5 – 4.8	L – Dotless	66 – IP66	
		R – Recessed		D – Deep	C – Clear	4 – 4000			10 – 9.6
		C – Corner		N – Narrow angle		R – RGB			15 – 14.4
				W – Wide angle		W – RGBW			20 – 19.2

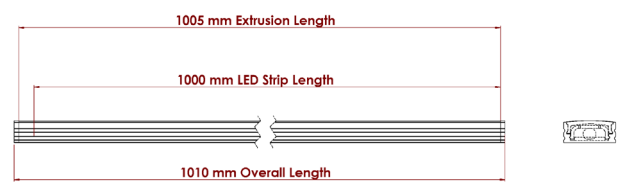
*When considering length of assembled fitting, take into account cutting length of dedicated LED strip (Table 1) + additional 5mm for electrical termination + 5mm for end caps. Please refer to examples provided on the next page based on 1m LED strip length.

EQUATORE LED STRIP & PROFILE

Nominal dimensions for recessed profile



Nominal dimensions for surface mount profile



STEP 3

Select your power supply.

Equatore LED Strip Calculation guide

Watts per metre x length of Equatore LED Strip = total watts (refer to the below electrical parameter for min/max load).

Recommended maximum length of LED Strip in one run 5m

Non-dimmable drivers

PART NUMBER	NOMINAL POWER (W)	NOMINAL VOLTAGE* (V)	IP RATING (IP)	AMBIENT TEMPERATURE (Ta)
DAD20F24V	15	24	IP20	+50°
97031306	35	24	IP20	+45°
97031299	60	24	IP20	+50°
97031300	100	24	IP20	+45°
97031235	180	24	IP20	+45°

DALI dimmable

PART NUMBER	NOMINAL POWER (W)	NOMINAL VOLTAGE* (V)	IP RATING (IP)	AMBIENT TEMPERATURE (Ta)
DAD20D24V	15	24	IP20	+45°
97031271	35	24	IP20	+50°
97031272	60	24	IP20	+50°
97031234	100	24	IP20	+45°

* +/- 1V tolerance

Performance specification

PARAMETER	MIN	TYP	MAX
FORWARD VOLTAGE (V)	23	24	25
POWER CONSUMPTION (W)	3.0	4.8	6.5
	7.0	9.6	15
	8.5	14.4	20
	14	19.2	32

LED strip wire specification (driver output cable)

DESCRIPTION	WIRE GAUGE	LED STRIP VOLTAGE RANGE (V)	
Standard and Neon Strip	20AWG	23 – 25	1m length as standard
RGB & RGBW strip	22AWG		



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