L101H LED Beacon



The L101H is a compact, high output LED beacon ideal for all signalling applications including fire, status indication, security and process control. UL, cUL and ULC approved.

The array of 18 high output LED's features multiple flash modes and a steady mode. The fire retardent, UV stable IP66 Type 4/4X/13/3R enclosure ensures the L101H is suitable for all environments. Available with a choice of mounting options and seven lens colours.

Features

- Automatic synchronisation
- Continuously rated
- Dual M20 or 1/2"NPT clearance cable entries
- Duplicate pluggable cable terminations Class A
- Ingress protection IP66 Type 3R/13
- 7 flash modes plus Steady mode
- Diode polarized for use in supervised circuits

Approvals

- UL: UL1638
- cUL: CSA C22.2 No 205-M 1983
- ULC: CAN/ULC-S526
- EAC CU TR 043/2017: B.00291/21
- EAC: RU D-GB.GA05.B.12595-20
- RMRS Marine: No. 19.00193.278
- CE, UKCA















Specification

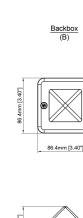
Specification					
Light source:	High intensity L.E.D. array. 18 x Cree© SMT White LED				
Settings:	1. High Power Steady 2. Blinking – 425ms ON 75ms OFF 3. 1.0Hz (60 fpm) – 200ms ON 800ms OFF 4. 1.33Hz (80fpm) – 150ms ON 600ms OFF 5. Double Flash 6. Triple Flash 7. 2.0Hz (120fpm) – 125ms ON 375ms OFF 8. Temporal Pattern Flash				
High Power Steady	r.180 cd – measured ref. to I.E.S.				
1Hz Flash cd:	113 cd – measured ref. to I.E.S.				
LED life:	60,000 hours				
Cable size:	0.5 to 2.5mm ² (20-14 AWG)				
Lens colours:	Amber, Blue, Clear, Green, Magenta, Red, Yellow				
Ingress protection:	IP66 Type 4/4X/13/3R				
Enclosure material:	High impact UL94 VO & 5VA FR PC				
Enclosure colour:	Red (RAL3000), Grey (RAL7038) & White				
Lens colour filter:	Field replaceable UV stable PC				
Cable entries:	2 x M20, 1/2"NPT clearance cable entries with blanking plugs				
Terminals:	0.5 – 2.5mm² (20·14 AWG)				
Line monitoring:	Diode polarized for use in supervised circuits				
Operating:	-40 to +70°C [-40° to +158°F]				
Storage:	-40 to +70°C [-40° to +158°F]				
Relative humidity:	95% at 20°C [68°F]				
Vibration test:	35Hz for a duration 4Hr (UL1638)				
Jarring test:	3ft/lb Energy (UL1638)				
Impact test:	3x 51b (UL1638)				
MTBF DC:	228.08 years / 1,998,002 hours - MIL 217				
MTBF AC:	164.73 years / 1,443,001 hours - MIL 217				
Weight:	0.20kg / 0.44lbs				

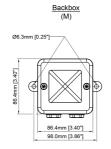
Part Codes

Variable:	Identifie	dentifier: Description:				
Product type:	L101H	LED beacon				
Voltage:	DC024 AC230	12Vdc (10-14Vdc)/24Vdc (16-33Vdc) 230Vac/dc (48-260Vac/dc) 50/60Hz				
Back box/cable entries: [e]	B M S	Back box without mounting lugs – 1 x rear 20mm entry Back box with mounting lugs – 2 x M20/1/2"NPT clearance Back box without mounting lugs – 2 x M20, 1/2"NPT clearance				
Stopping plug material: [m]	A X	ABS Stopping plug not present – B type back box only				
Equip. tag/Duty label: [s]	0 1 2	No equip. tag or Duty label 316 (A4) St/St Equip. tag/Duty label Metalised Polyester Equip. tag/Duty label				
Product version: [v]	А	UL/cUL, ULC, RMRS, EAC, CE, UKCA				
Product option: [o]	1 X	Standard product Custom configuration – contact E2S				
Enclosure: [x]	R G W	Red (RAL 3000) Grey (RAL7038) White				
Lens colour: [y]	A B C G M R	Amber Blue Clear Green Magenta Red Yellow				

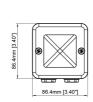
Current Consumption

Product Version:	Nominal Voltage:	Voltage Range:	Current Steady Mode:	Current 1Hz Flash:	Current 1.5Hz Flash:	Current 2Hz Flash:
DC024	12Vdc	10-14Vdc	167.5mA	79.5mA	84mA	87mA
DC024	24Vdc	16-33Vdc	178.5mA	87mA	91mA	96mA
AC230	48Vac/dc 115Vac/dc 230Vac/dc	48-260Vac/dc	115mA @ 48Vac/dc 85.5mA @ 115Vac/dc 53mA @ 230Vac/dc	60mA @ 48Vac/dc 34mA @ 115Vac/dc 19mA @ 230Vac/dc	58mA @ 48Vac/dc 37.5mA @ 115Vac/dc 19.5mA @ 230Vac/dc	62.5mA @ 48Vac/dc 40mA @ 115Vac/dc 23.5mA @ 230Vac/dc





114.2mm [4.50"]



Backbox (S)

