

HY-LXP21E

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

14.HY-LXP21E Tunnels Illuminance Monitor



- CIE Approved measurement technology
- Accurate measurement of illuminance within tunnel
- Designed specifically for tunnels
- Rugged construction
- Simple installation/operation
- Isolated 4-20mA analogue outputs
- Alarm relay contacts
- ModBus serial comms

The HY-LXP21E measures the level of illuminance within the tunnel bore to ensure interior illumination levels are being continuously maintained in order to affect safe lighting conditions for drivers. Illuminance, or incident lighting, determines the amount of light that covers a specific surface or area within the tunnel.

Designed specifically for the tunnel environment, the HY-LXP21E continuously measures cosine corrected planar illuminance within the tunnel thus allowing elimination of directional error. The HY-LXP21E measures the illuminance over a standard range of 0 - 20,000 lux.

Like the HY-CDP22E, the HY-LXP21E uses a specially designed, highly light-sensitive photocell, filtered to provide a spectral response close to that of the average human eye, to react to changes in light levels within the tunnel environment.

The HY-LXP21E is a self contained intelligent analyser and the measurements are converted into an output signal of 4-20 mA (directly proportional to the illuminance measurement) for hard wire connection and signal transmission to a host controller. The HY-LXP21E also comes with alarm relay contacts and ModBus serial communications protocol. Having been designed for tunnel environments, the HY-LXP21E is of rugged construction using powder coated stainless steel and flame retardant polycarbonate to achieve an IP67 / NEMA 4X protection rating. The HY-LXP21E is able it to withstand the corrosive atmosphere and regular tunnel washing that the tunnel environment endures. The HY-LXP21E has an operating temperature range from -30°C - +70°C which ensures stable readings across all prevailing ambient temperature conditions.



Meteorological Instrument Manufacturer

Specification

Detector	Silicon photo diode
Measurement Range	0-2000 lx
Resolution	1 lx
Accuracy	±1%
Voltage	100-240VAC
Power Consumption	36 Watt
Output	RS485(MODBUS)
	4-20mA(Isolated)
	two way relay 2A@24VDC
IP Grade	IP66
Operating Temperature	-30~70°C
Operating Humidity	0-100%
Materials	Powder coated steel
Dimensions	376x136x164 mm L x W x H
Weight (each)	3 Kg
Warranty	24 Months

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