

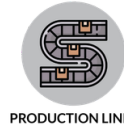


Hazardous
Lighting Solutions LTD



INS340LED

Light fitting with LED modules dedicated for food industry and animal husbandry.



MECHANICAL FEATURES

Housing: powder coated stainless steel (NIRO), galvanized steel (GS)

Diffuser: polycarbonate (PC)

Ingress protection: IP66 / IP67

Protection class: I, III

Impact resistance: IK10

Mounting: different mountings (check: mountings)

ELECTRICAL FEATURES

Connection terminals: 2.5 mm², 4.0 mm² (optionally)

Power supply: 35E: 220-240V, 50-60Hz / 220-240V, 0Hz

34E: 220-240V, 50-60Hz

11E: 24V, 0Hz

Source of light: certified LED modules

Power factor: >0.95

Cable inlets: Ø20 (wire 6-13 mm)
Ø25 (option, wire 9-17 mm)

Overvoltage protection: 1 kV (L-N)
2 kV (L-PE)

WORK PARAMETERS

Ambient temperature: -25°C to +50°C
-40°C for LT version

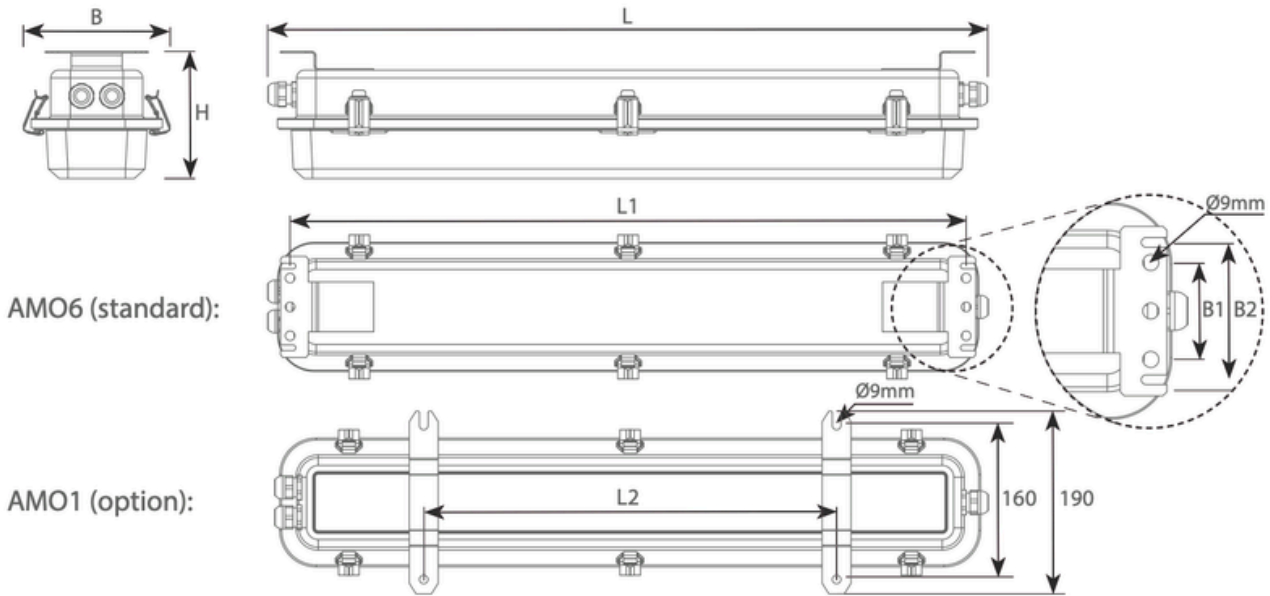
Lifetime: 70,000h (L80 B10)
100,000h (L70 B10)

PHOTOMETRICAL PARAMETERS

CRI: >80

Colour temperature: 4000K, 5000K, 6500K

DIMENSIONS



Type	L [mm]	L1 [mm]	L2 [mm]	B [mm]	B1 [mm]	B2 [mm]	H [mm]	Weight [kg]
INS340LED-0600	730	704	430	150	60	85	134	~4.5
INS340LED-1200	1340	1314	950	150	60	85	134	~6.5

TYPE COMPARISONS

POWER SUPPLY 34E & 35E

Type of the Fitting	Luminous Flux [lm]	Power Consumption [W]	Efficiency [lm/W]	Max. Amb. Temp. [°C]
INS340LED-0600-J2-1	2,503	18.2	138	50
INS340LED-0600-J2-2	2,997	22.2	135	50
INS340LED-0600-J2-3	3,487	26.2	133	50
INS340LED-1200-J4-1	4,838	35.4	137	50
INS340LED-1200-J4-2	5,783	43	134	50
INS340LED-1200-J4-3	7,155	51.3	139	45
INS340LED-1200-B4-1	9,677	69.8	139	45

TYPE COMPARISONS

POWER SUPPLY 11E (24VDC)

Type of the Fitting	Luminous Flux [lm]	Power Consumption [W]	Efficiency [lm/W]	Max. Amb. Temp. [°C]
INS340LED-0600-D1-0	1,205	12.3	98	50
INS340LED-0600-D2-0	2,410	23.5	103	50
INS340LED-1200-D4-0	4,820	45	107	50

MAXIMUM NUMBER OF FIXTURES CONNECTED IN LINE

MAXIMUM NUMBER OF LINE CONNECTED LUMINAIRES DEPENDING ON THE USED CIRCUIT BREAKERS

Type	B16	C16
INS340LED	16	26

EMERGENCY VERSIONS



EMERGENCY POWER MODULE: VERSION WITH 3H EMERGENCY POWER MODULE. AMBIENT TEMPERATURE RANGE 0OC TO 45OC. THE BATTERY CAN ONLY BE CHARGED AT TEMPERATURES ABOVE +5OC.



EMERGENCY POWER MODULE: VERSION WITH 3H EMERGENCY POWER MODULE. AMBIENT TEMPERATURE RANGE -20OC TO 45OC. THE BATTERY CAN ONLY BE CHARGED AT TEMPERATURES ABOVE -10OC WHILE OPERATING WITH THE LIGHT ON.



CENTRAL BATTERY: VERSION WITH A DRIVER FOR CENTRAL BATTERY WITHOUT SWITCHING MODULE.



CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH TM TECHNOLOGIE TM-AM MODULE.



CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH CEAG V-CG-S 4-400W MODULE.



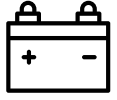
CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH CEAG V-CG-SE 4-400W MODULE.

EMERGENCY VERSIONS



35E

CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH RP TECHNIK MU05 MODULE.



35E

CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH ES SYSTEM MSU 35 MODULE.



35E

CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH HYBRYD MAPS-01 MODULE.



35E

CENTRAL BATTERY: CENTRAL BATTERY VERSION WITH MICHAŁOWSCY LMP-1 MODULE.

MEAN EMERGENCY LUMINOUS FLUX

Type	34E Versions A3 & A3S [lm]	35E Versions ZB* [lm]
INS340LED-0600-J2-1	628	2,503
INS340LED-0600-J2-2	618	2,997
INS340LED-0600-J2-3	598	3,487
INS340LED-1200-J4-1	781	4,838
INS340LED-1200-J4-2	770	5,783
INS340LED-1200-J4-3	790	7,155
INS340LED-1200-B4-1	781	9,677

OPTIONAL VERSIONS

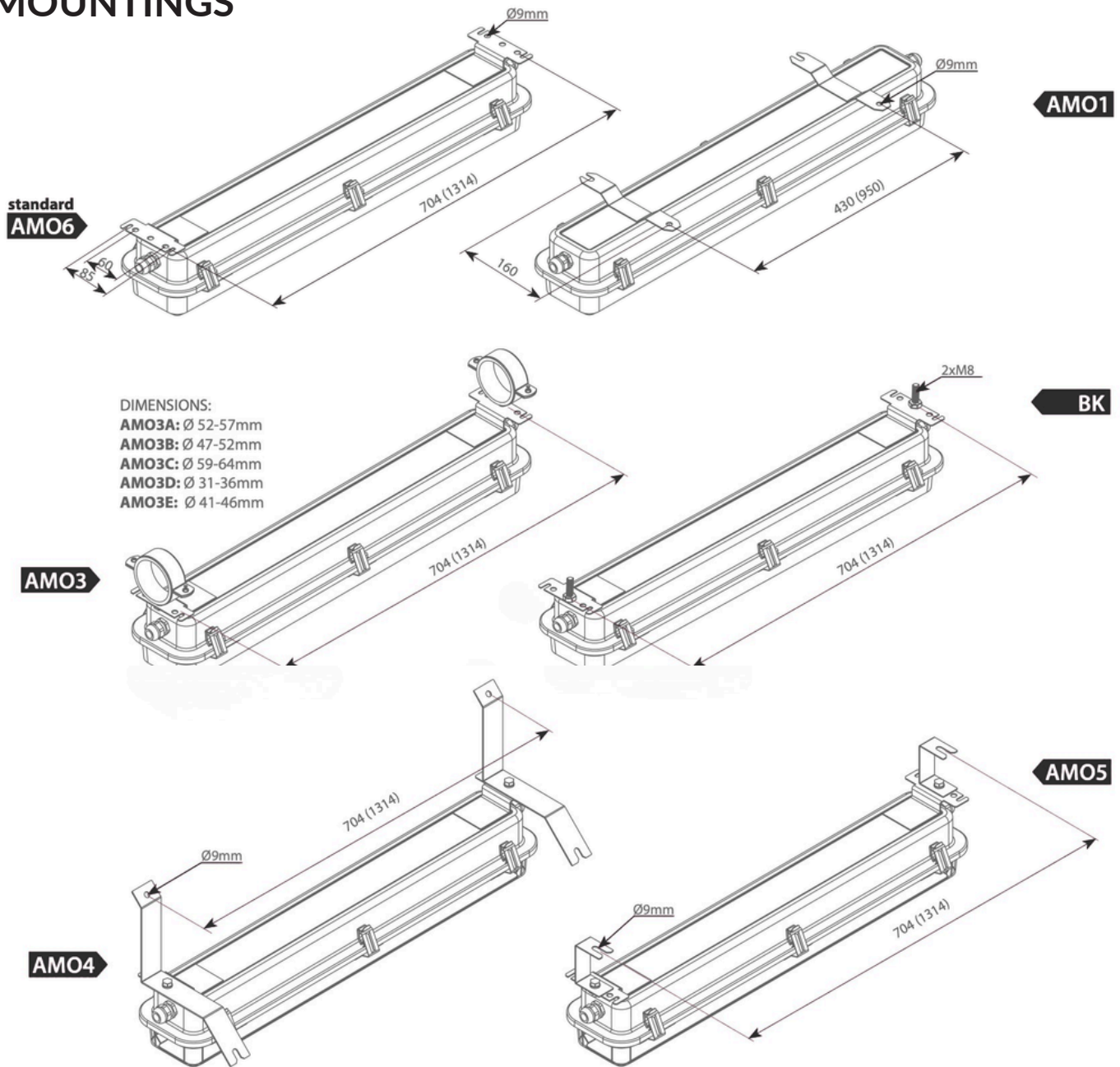


DALI DRIVER: INTEGRATED POWER SUPPLY UNIT WITH DALI-2 INTERFACE.

LT

LOW TEMPERATURE VERSION: VERSION ADAPTED TO LOW TEMPERATURES FROM -40°C.

MOUNTINGS



PHOTOMETRY

