

Small Size.....High Performance



16 mm x 16 mm x 270 mm

INNOVATIVE LIGHTING TECHNOLOGY

ANNOUNCES THE SMALLEST ONE AND TWO LAMP ELECTRONIC FLUORESCENT BALLAST AVAILABLE



Smaller Than a Dime

With a cross section of just 16 mm x 16 mm the ILT ballast is as small as the 16 mm diameter T5 lamp it operates. Your fixture design no longer needs to be dictated by the size or location of the ballast.

Unlimited Design Flexibility..... The ballast unique size and performance capabilities allow outstanding design flexibility. Exciting new fixtures can be designed that feature the contemporary look and feel that is the hallmark of T5 based lighting systems.

Applications..... Direct and combined direct/indirect luminaries, display case lighting, backlighting, POP lighting, aquariums, under cabinet lighting, task lighting, furniture lighting, light boxes, wall wash lighting, sconces, strip fixtures, cove lighting

Highest Quality and Reliability.... Innovative Lighting Technology's demanding quality initiatives and highly automated manufacturing processes assures ballast of unsurpassed performance. Numerous in-circuit and functional tests are performed on every ballast. Every ballast is burned-in to eliminate infant mortality. All suppliers are evaluated and monitored for the highest quality standards.

Compatible Lamps....High Efficiency (HE) 35, 28, 21,14, 8 watt T5. (1 Lamp 120 / 277 Volt)
and the very slim 13, 11, 8, 6 watt T2. (1 Lamp 120 / 277 Volt)

SERIES	MODEL No.	LAMP TYPE	LAMP No.	INPUT VOLTS	LINE AMPS	INPUT WATTAGE	P.F.
SUB-MINIATURE HE T5	ILT-35-T5P	F35T5HE	1	120 or 277	0.3 / 0.13	35	> 0.98
	ILT-28-T5P	F28T5HE	1	120 or 277	0.25 / 0.11	30	> 0.98
	ILT-21-T5P	F21T5HE	1	120 or 277	0.19 / 0.08	22	> 0.98
	ILT-14-T5P	F14T5HE	1	120 or 277	0.13 / 0.06	15	> 0.98
	ILT-8-T5P	F8T5HE	1	120 or 277	0.08 / 0.04	9	> 0.98
SUB-MINIATURE HE T2	ILT-13-T2P	FM13T2HE	1	120 or 277	0.12 / 0.05	14	> 0.98
	ILT-11-T2P	FM11T2HE	1	120 or 277	0.1 / 0.04	12	> 0.98
	ILT-8-T2P	FM8T2HE	1	120 or 277	0.08 / 0.03	9	> 0.98
	ILT-6H-T2P	FM6T2HE	1	120 or 277	0.06 / 0.03	7	> 0.98

Warranty... Our superior design reliability and world class manufacturing processes allows us to offer a 5-year limited warranty.

Agency Approvals.....UL/CUL listed to UL 935 and CSA 22.2, Class P, Type 1 Indoor, Type CC, ; FCC Part 18 Class A

INNOVATIVE LIGHTING TECHNOLOGY is located in San Jose, California, the heart of the silicon valley, a region where innovation has been at the forefront of technology for decades. In this environment of innovative thinking, ILT develops and manufactures the most advanced, energy efficient and reliable electronic ballast on the market today. Since 1995 over three million ILT ballast have been installed worldwide in many OEM applications.

INNOVATIVE LIGHTING TECHNOLOGY, INC.

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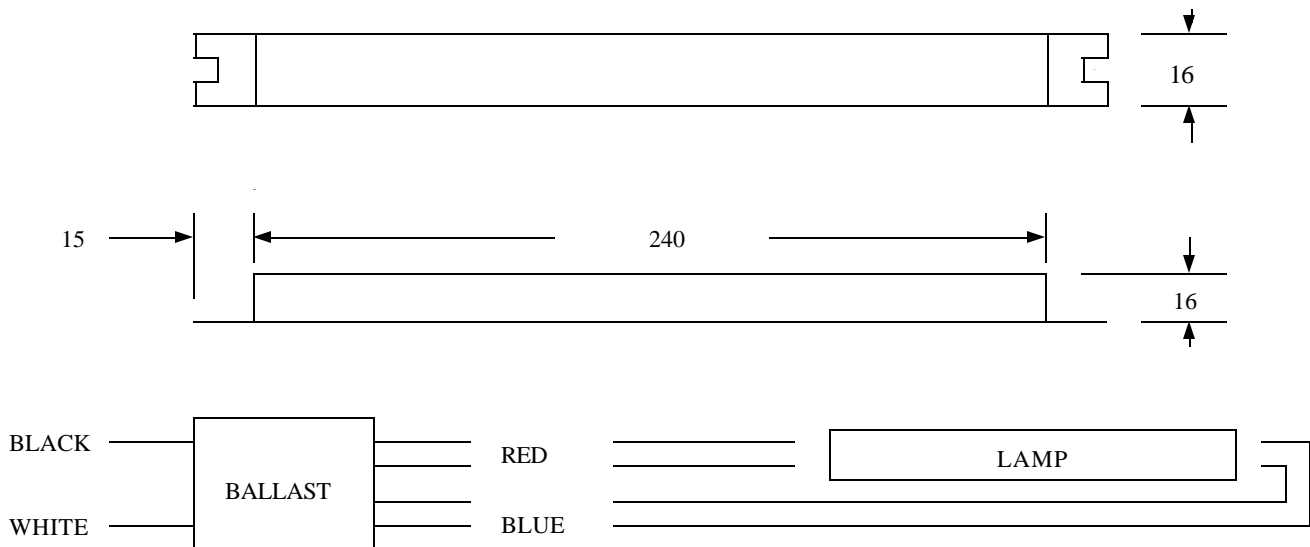
INNOVATIVE LIGHTING TECHNOLOGY, INC

120 VOLT FLUORESCENT BALLAST SPECIFICATIONS

SUB-MINIATURE CASE SINGLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-35-T5P/120	ILT-28-T5P/120	ILT-21-T5P/120	ILT-14-T5P/120	ILT-8-T5P/120
LAMP TYPE	F35T5 HE	F28T5 HE	F21T5 HE	F14T5 HE	F8T5 HE
INPUT:					
VOLTAGE	120	120	120	120	120
OPERATING CURRENT	0.30	0.25	0.19	0.13	0.08
FREQUANCY	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
POWER FACTOR	> .98	> .98	> .98	> .98	> .98
THD	< 10%	< 10%	< 10%	< 10%	< 10%
OUTPUT:					
BALLAST FACTOR	1.0	1.0	1.0	1.0	1.0
LCCF	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
RAPID START	YES	YES	YES	YES	YES
THERMAL PROTECTION	CLASS P	CLASS P	CLASS P	CLASS P	CLASS P
END OF LAMP LIFE PROTECTION	YES	YES	YES	YES	YES
FREQUANCY	> 60 KHz	> 60 KHz	> 60 KHz	> 60 KHz	> 60 KHz
MECHANICAL / ENVIRONMENTAL					
MINIMUM STARTING TEMPERATURE	-10C	-10C	-10C	-10C	-10C
SOUND RATING	A	A	A	A	A
EMI (FCC PART 18C CLASS A)	YES	YES	YES	YES	YES
UL?CUL LISTED (INDOOR, TYPE CC)	YES	YES	YES	YES	YES
ANSI C62.41 SURGE PROTECTION	CATEGORY A	CATEGORY A	CATEGORY A	CATEGORY A	CATEGORY A
WARRANTY	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED
DIMENSION (millimeters)	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H

Note: (1) Case material is aluminum; (2) Standard wire length is 913; (3) Wire is UL Type 1032



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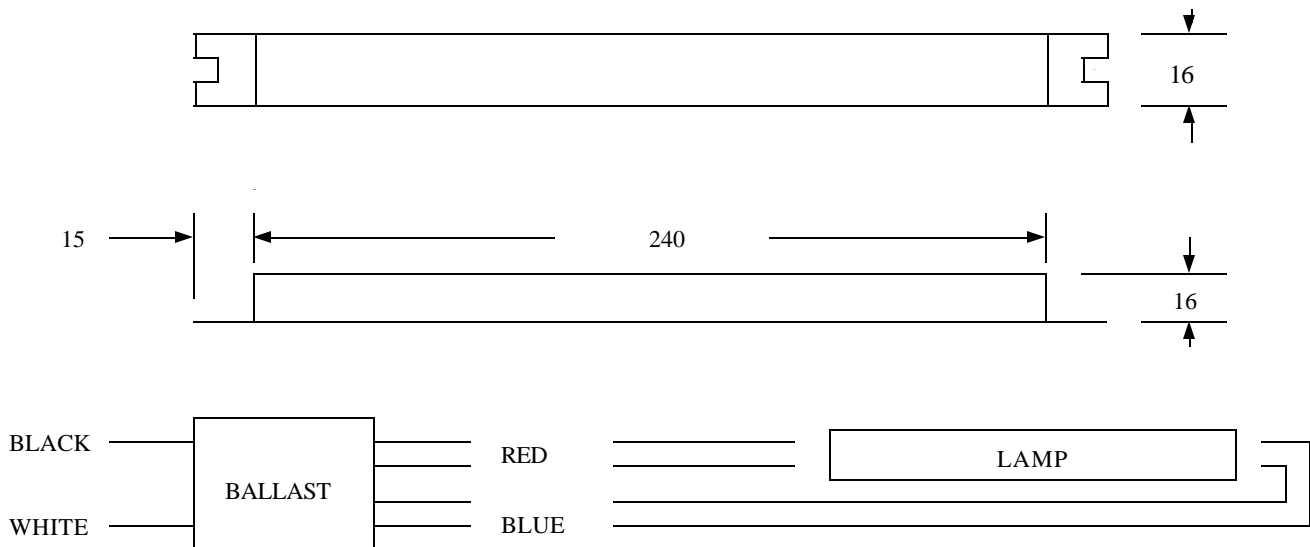
INNOVATIVE LIGHTING TECHNOLOGY, INC

120 VOLT T2 FLUORESCENT BALLAST SPECIFICATIONS

SUB-MINIATURE CASE SINGLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-13-T2P/120	ILT-11-T2P/120	ILT-8-T2P/120	ILT-6-T2P/120
LAMP TYPE	FM13T2	FM11T2	FM8T2	FM6T2
INPUT:				
VOLTAGE	120	120	120	120
OPERATING CURRENT	0.12	0.10	0.08	0.06
FREQUANCY	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
POWER FACTOR	> .98	> .98	> .98	> .98
THD	< 10%	< 10%	< 10%	< 10%
OUTPUT:				
BALLAST FACTOR	1.0	1.0	1.0	1.0
LCCF	< 1.6	< 1.6	< 1.6	< 1.6
RAPID START	YES	YES	YES	YES
THERMAL PROTECTION	CLASS P	CLASS P	CLASS P	CLASS P
END OF LAMP LIFE PROTECTION	YES	YES	YES	YES
FREQUANCY	> 60 KHz	> 60 KHz	> 60 KHz	> 60 KHz
MECHANICAL / ENVIRONMENTAL				
MINIMUM STARTING TEMPERATURE	-10C	-10C	-10C	-10C
SOUND RATING	A	A	A	A
EMI (FCC PART 18C CLASS A)	YES	YES	YES	YES
UL?CUL LISTED (INDOOR, TYPE CC)	YES	YES	YES	YES
ANSI C62.41 SURGE PROTECTION	CATEGORY A	CATEGORY A	CATEGORY A	CATEGORY A
WARRANTY	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED
DIMENSION (millimeters)	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H

Note: (1) Case material is aluminum; (2) Standard wire length is 300; (3) Wire is UL Type 1032



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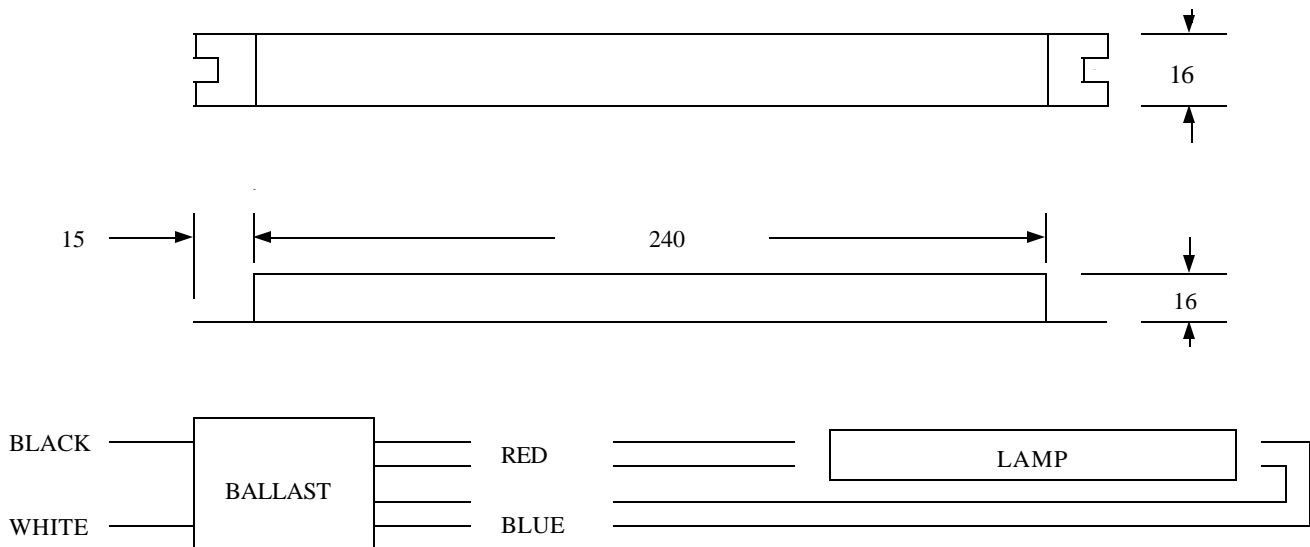
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT FLUORESCENT BALLAST SPECIFICATIONS

SUB-MINIATURE CASE SINGLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-35-T5P/277	ILT-28-T5P/277	ILT-21-T5P/277	ILT-14-T5P/277	ILT-8-T5P/277
LAMP TYPE	F35T5 HE	F28T5 HE	F21T5 HE	F14T5 HE	F8T5 HE
INPUT:					
VOLTAGE	277	277	277	277	277
OPERATING CURRENT	0.13	0.11	0.08	0.06	0.04
FREQUANCY	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
POWER FACTOR	> .98	> .98	> .98	> .98	> .98
THD	< 10%	< 10%	< 10%	< 10%	< 10%
OUTPUT:					
BALLAST FACTOR	1.0	1.0	1.0	1.0	1.0
LCCF	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
RAPID START	YES	YES	YES	YES	YES
THERMAL PROTECTION	CLASS P	CLASS P	CLASS P	CLASS P	CLASS P
END OF LAMP LIFE PROTECTION	YES	YES	YES	YES	YES
FREQUANCY	> 60 KHz	> 60 KHz	> 60 KHz	> 60 KHz	> 60 KHz
MECHANICAL / ENVIRONMENTAL					
MINIMUM STARTING TEMPERATURE	-10C	-10C	-10C	-10C	-10C
SOUND RATING	A	A	A	A	A
EMI (FCC PART 18C CLASS A)	YES	YES	YES	YES	YES
UL?CUL LISTED (INDOOR, TYPE CC)	YES	YES	YES	YES	YES
ANSI C62.41 SURGE PROTECTION	CATEGORY A	CATEGORY A	CATEGORY A	CATEGORY A	CATEGORY A
WARRANTY	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED
DIMENSION (millimeters)	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H

Note: (1) Case material is aluminum; (2) Standard wire length is 913; (3) Wire is UL Type 1032



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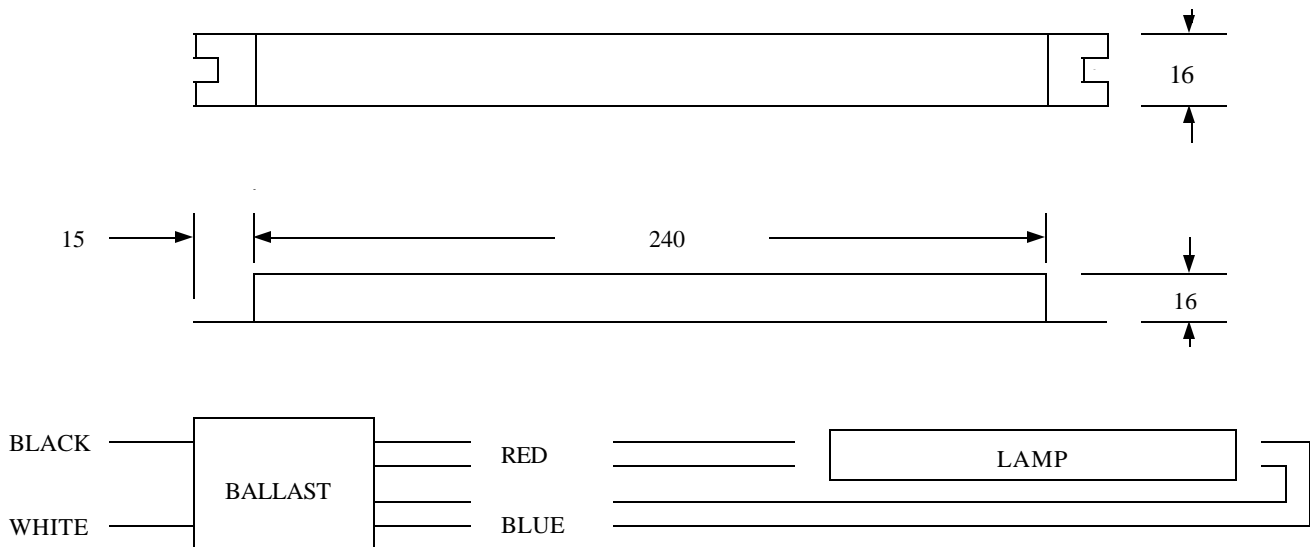
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT T2 FLUORESCENT BALLAST SPECIFICATIONS

SUB-MINIATURE CASE SINGLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-13-T2P/277	ILT-11-T2P/277	ILT-8-T2P/277	ILT-6-T2P/277
LAMP TYPE	FM13T2	FM11T2	FM8T2	FM6T2
INPUT:				
VOLTAGE	277	277	277	277
OPERATING CURRENT	0.05	0.04	0.03	0.03
FREQUANCY	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
POWER FACTOR	> .98	> .98	> .98	> .98
THD	< 10%	< 10%	< 10%	< 10%
OUTPUT:				
BALLAST FACTOR	1.0	1.0	1.0	1.0
LCCF	< 1.6	< 1.6	< 1.6	< 1.6
RAPID START	YES	YES	YES	YES
THERMAL PROTECTION	CLASS P	CLASS P	CLASS P	CLASS P
END OF LAMP LIFE PROTECTION	YES	YES	YES	YES
FREQUANCY	> 60 KHz	> 60 KHz	> 60 KHz	> 60 KHz
MECHANICAL / ENVIRONMENTAL				
MINIMUM STARTING TEMPERATURE	-10C	-10C	-10C	-10C
SOUND RATING	A	A	A	A
EMI (FCC PART 18C CLASS A)	YES	YES	YES	YES
UL?CUL LISTED (INDOOR, TYPE CC)	YES	YES	YES	YES
ANSI C62.41 SURGE PROTECTION	CATEGORY A	CATEGORY A	CATEGORY A	CATEGORY A
WARRANTY	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED
DIMENSION (millimeters)	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H	240Lx16Wx16H

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