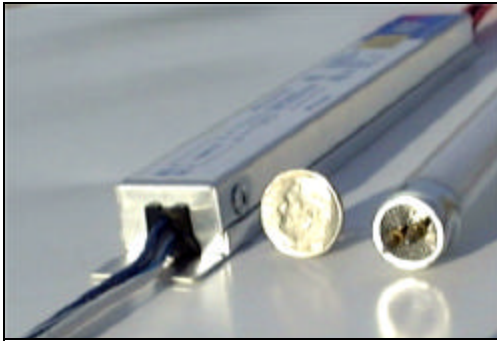


Small Size.....Plus High Performance



16 mm high x 24 mm wide one and two lamp models



Smaller Than a Dime
With a cross section of just 16 mm x 24 mm the ILT Miniature HE, Miniature HO, and Two Lamp ballast height 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.

FEATURES

- ILT ballast components are de-rated to provide extended life
- Ballast are designed to exceed ANSI C62.41 Category A surge suppression requirements
- Ballast adjusts to fluctuating line voltages to maintain constant light output
- End of Lamp Life protection
- Lamp current crest factor <1.6 for optimum lamp life
- Power factor >.98 for the most efficient use of power
- Quiet—sound rated Class A
- Total Harmonic Distortion < 10%
- Lamp friendly—RS lamp starting and operation optimized to eliminate premature failure and end blackening
- Ballast are designed to endure severe temperature applications

BALLAST CASE SIZE TABLE

(MILLIMETERS)	L	W	H
SERIES			
MINIATURE HE CASE TYPE A	185	24	16
MINIATURE 2LAMP HE CASE TYPE B	250	24	16
MINIATURE HO CASE TYPE C	220	24	16
MINIATURE 2LAMP HO CASE TYPE D	300	30	18.5

Miniature HE, Miniature HO, and Two Lamp Series have the same 16 mm X 24 mm cross Section for application in the same fixture with multiple lamp configuration.

SERIES	MODEL No.	LAMP TYPE	LAMP No.	INPUT VOLTS	LINE AMPS	INPUT WATTAGE	P.F.
MINIATURE HE T5	ILT-35-T5C/277	F35T5 HE	1	277	0.13	36	> 0.98
	ILT-28-T5C/277	F28T5 HE	1	277	0.11	30	> 0.98
	ILT-21-T5C/277	F21T5 HE	1	277	0.08	22	> 0.98
	ILT-14-T5C/277	F14T5 HE	1	277	0.05	15	> 0.98
	ILT-8-T5C/277	F8T5 HE	1	277	0.03	9	> 0.98
MINIATURE 2 LAMP HE T5	ILT-28-2T5C/277	F28T5 HE	2	277	0.21	58	> 0.98
	ILT-21-2T5C/277	F21T5 HE	2	277	0.16	44	> 0.98
	ILT-14-2T5C/277	F14T5 HE	2	277	0.11	30	> 0.98
	ILT-8-2T5C/277	F8T5 HE	2	277	0.6	18	> 0.98
MINIATURE HO T5	ILT-54HO-T5C/277	F54T5 HO	1	277	0.2	56	> 0.98
	ILT-39HO-T5C/277	F39T5 HO	1	277	0.15	41	> 0.98
	ILT-24HO-T5C/277	F24T5 HO	1	277	0.1	26	> 0.98
MINIATURE 2 LAMP HO T5	ILT-54HO-2T5C/277	F54T5 HO	2	277	0.4	110	> 0.98
	ILT-39HO-2T5C/277	F39T5 HO	2	277	0.29	80	> 0.98
	ILT-24HO-2T5C/277	F24T5 HO	2	277	0.18	50	> 0.98
MINIATURE HE T2	ILT-13-T2C/277	FM13T2HE	1	277	0.05	14	> 0.98
	ILT-11-T2C/277	FM11T2HE	1	277	0.04	12	> 0.98
	ILT-8-T2C/277	FM8T2HE	1	277	0.03	9	> 0.98
	ILT-6-T2C/277	FM6T2HE	1	277	0.03	7	> 0.98

INNOVATIVE LIGHTING TECHNOLOGY, INC.
376 RACE STREET, SAN JOSE, CA. 95126,
Toll Free: 888-550-2181. PH: 408-280-2181. FAX: 408-280-2183.
E-mail: INFO@BALLASTBUSINESS.COM

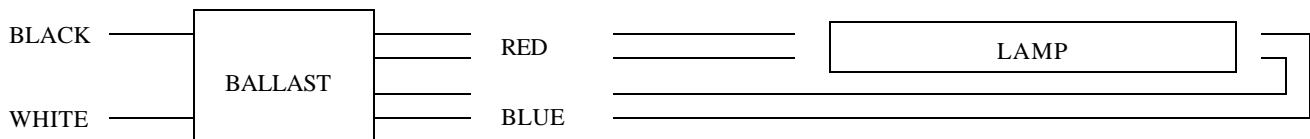
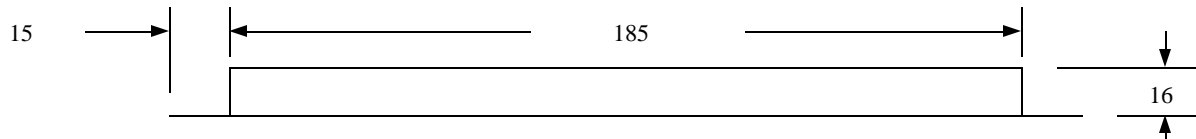
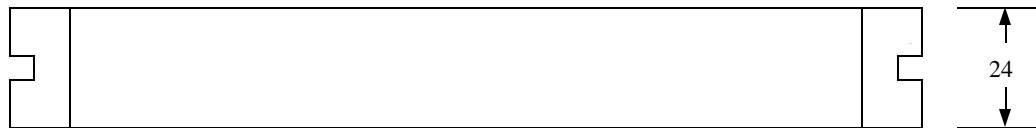
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT FLUORESCENT BALLAST SPECIFICATIONS

MINIATURE CASE TYPE A SINGLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-35-T5C/277	ILT-28-T5C/277	ILT-21-T5C/277	ILT-14-T5C/277	ILT-8-T5C/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	0.05	0.03
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)	185Lx24Wx16H	185Lx24Wx16H	185Lx24Wx16H	185Lx24Wx16H	185Lx24Wx16H

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



INNOVATIVE LIGHTING TECHNOLOGY, INC.
 376 RACE STREET, SAN JOSE, CA. 95126,
 Toll Free: 888-550-2181. PH: 408-280-2181. FAX: 408-280-2183.
 E-mail: INFO@BALLASTBUSINESS.COM

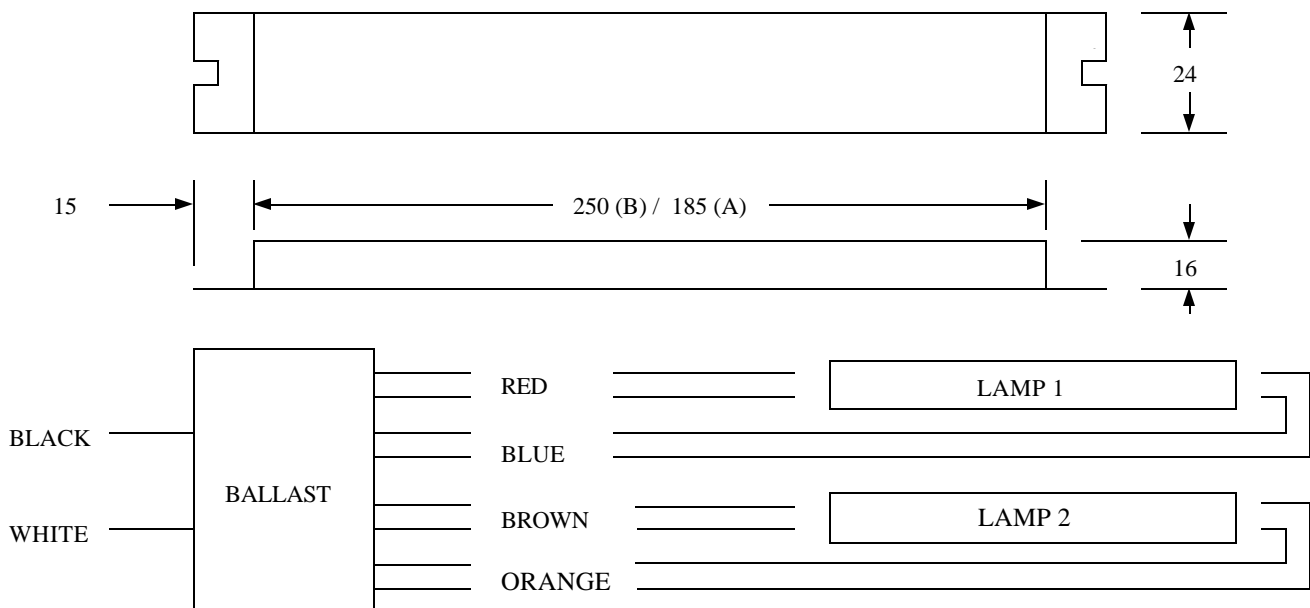
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT FLUORESCENT BALLAST SPECIFICATIONS

MINIATURE CASE TYPE A, B DOUBLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-28-2T5C/277	ILT-21-2T5C/277	ILT-14-2T5C/277	ILT-8-2T5C/277
LAMP TYPE	F28T5 HE	F21T5 HE	F14T5 HE	F8T5 HE
INPUT:				
VOLTAGE	277	277	277	277
OPERATING CURRENT	0.21	0.16	0.11	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)	250Lx24Wx16H (B)	250Lx24Wx16H (B)	185Lx24Wx16H (A)	185Lx24Wx16H (A)

Note: (1) Case material is aluminum; (2) Standard wire length is 913; (3) Wire is UL Type 1452



INNOVATIVE LIGHTING TECHNOLOGY, INC.
 376 RACE STREET, SAN JOSE, CA. 95126,
 Toll Free: 888-550-2181. PH: 408-280-2181. FAX: 408-280-2183.
 E-mail: INFO@BALLASTBUSINESS.COM

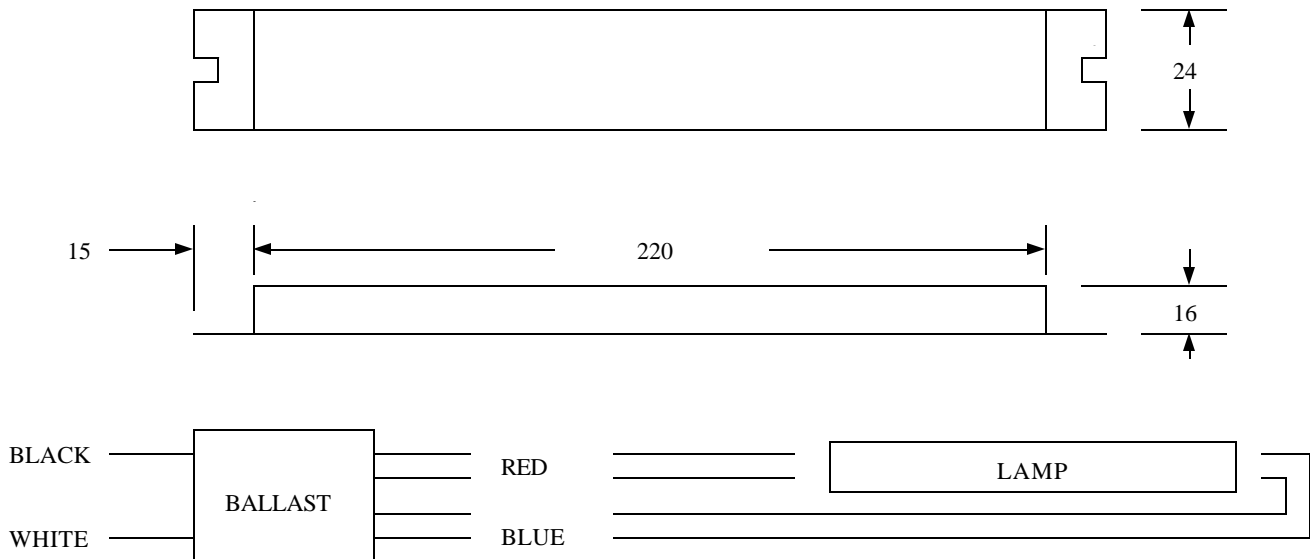
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT FLUORESCENT BALLAST SPECIFICATIONS

MINIATURE CASE TYPE C SINGLE LAMP HO SERIES

ILT MODEL NUMBER	ILT-54HO-T5C/277	ILT-39HO-T5C/277	ILT-24HO-T5C/277
LAMP TYPE	F54T5 HO	F39T5 HO	F24T5 HO
INPUT:			
VOLTAGE	277	277	277
OPERATING CURRENT	0.20	0.15	0.10
FREQUANCY	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
POWER FACTOR	> .98	> .98	> .98
THD	< 10%	< 10%	< 10%
OUTPUT:			
BALLAST FACTOR	1.0	1.0	1.0
LCCF	< 1.6	< 1.6	< 1.6
RAPID START	YES	YES	YES
THERMAL PROTECTION	CLASS P	CLASS P	CLASS P
END OF LAMP LIFE PROTECTION	YES	YES	YES
FREQUANCY	> 60 KHz	> 60 KHz	> 60 KHz
MECHANICAL / ENVIRONMENTAL			
MINIMUM STARTING TEMPERATURE	-10C	-10C	-10C
SOUND RATING	A	A	A
EMI (FCC PART 18C CLASS A)	YES	YES	YES
UL/CUL LISTED (INDOOR, TYPE CC)	YES	YES	YES
ANSI C62.41 SURGE PROTECTION	CATEGORY A	CATEGORY A	CATEGORY A
WARRANTY	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED
DIMENSION (millimeters)	220Lx24Wx16H	220Lx24Wx16H	220Lx24Wx16H

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



INNOVATIVE LIGHTING TECHNOLOGY, INC.
 376 RACE STREET, SAN JOSE, CA. 95126,
 Toll Free: 888-550-2181. PH: 408-280-2181. FAX: 408-280-2183.
 E-mail: INFO@BALLASTBUSINESS.COM

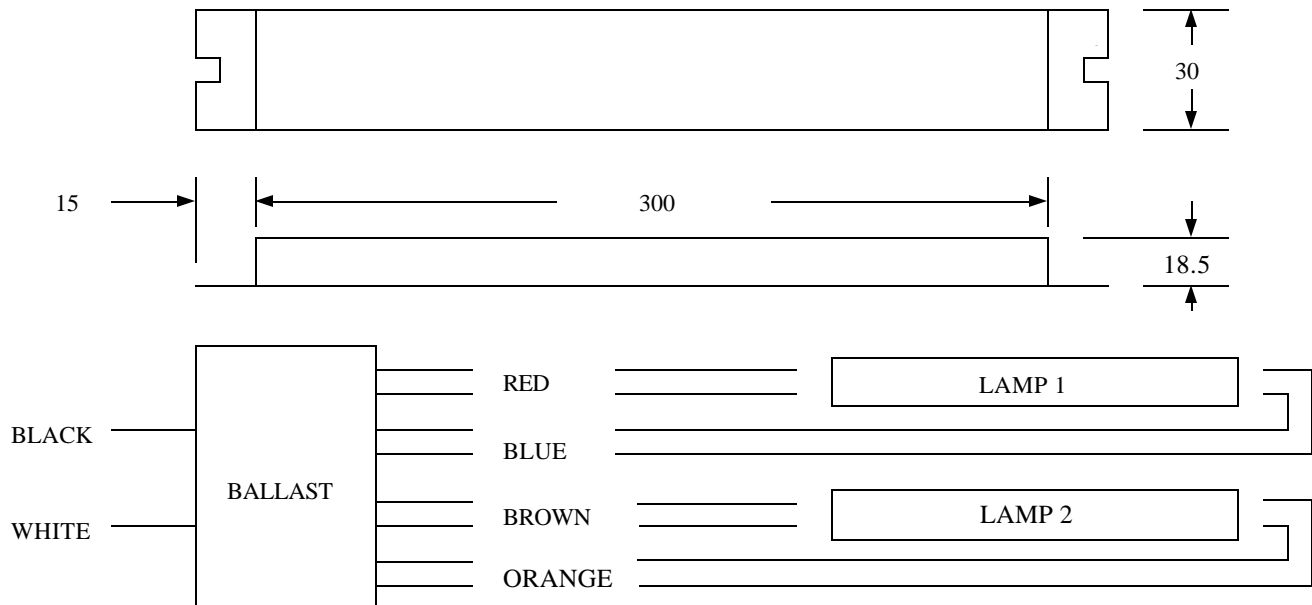
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT FLUORESCENT BALLAST SPECIFICATIONS

MINIATURE CASE TYPE D DOUBLE LAMP HO SERIES

ILT MODEL NUMBER	ILT-54HO-2T5C/277	ILT-39HO-2T5C/277	ILT-24HO-2T5C/277
LAMP TYPE	F54T5 HO	F39T5 HO	F24T5 HO
INPUT:			
VOLTAGE	277	277	277
OPERATING CURRENT	0.40	0.29	0.18
FREQUANCY	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
POWER FACTOR	> .98	> .98	> .98
THD	< 10%	< 10%	< 10%
OUTPUT:			
BALLAST FACTOR	1.0	1.0	1.0
LCCF	< 1.6	< 1.6	< 1.6
RAPID START	YES	YES	YES
THERMAL PROTECTION	CLASS P	CLASS P	CLASS P
END OF LAMP LIFE PROTECTION	YES	YES	YES
FREQUANCY	> 60 KHz	> 60 KHz	> 60 KHz
MECHANICAL / ENVIRONMENTAL			
MINIMUM STARTING TEMPERATURE	-10C	-10C	-10C
SOUND RATING	A	A	A
EMI (FCC PART 18C CLASS A)	YES	YES	YES
UL/CUL LISTED (INDOOR, TYPE CC)	YES	YES	YES
ANSI C62.41 SURGE PROTECTION	CATEGORY A	CATEGORY A	CATEGORY A
WARRANTY	5 YRS LIMITED	5 YRS LIMITED	5 YRS LIMITED
DIMENSION (millimeters)	300Lx30Wx18.5H	300Lx30Wx18.5H	300Lx30Wx18.5H

Note: (1) Case material is aluminum; (2) Standard wire length is 913; (3) Wire is UL Type 1452



INNOVATIVE LIGHTING TECHNOLOGY, INC.
 376 RACE STREET, SAN JOSE, CA. 95126,
 Toll Free: 888-550-2181. PH: 408-280-2181. FAX: 408-280-2183.
 E-mail: INFO@BALLASTBUSINESS.COM

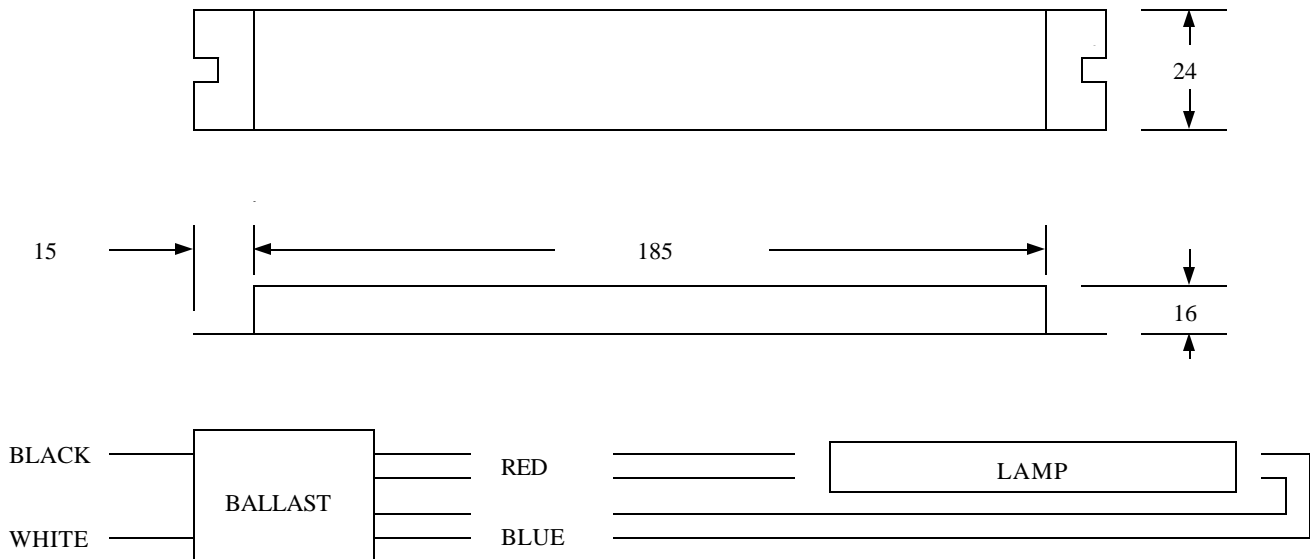
INNOVATIVE LIGHTING TECHNOLOGY, INC

277 VOLT T2 FLUORESCENT BALLAST SPECIFICATIONS

MINIATURE CASE TYPE A SINGLE LAMP HE SERIES

ILT MODEL NUMBER	ILT-13-T2C/277	ILT-11-T2C/277	ILT-8-T2C/277	ILT-6-T2C/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)	185Lx24Wx16H	185Lx24Wx16H	185Lx24Wx16H	185Lx24Wx16H

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



INNOVATIVE LIGHTING TECHNOLOGY, INC.
 376 RACE STREET, SAN JOSE, CA. 95126,
 Toll Free: 888-550-2181. PH: 408-280-2181. FAX: 408-280-2183.
 E-mail: INFO@BALLASTBUSINESS.COM