



PHILIPS

Philips Lighting Electronics Company

FCC Statement

HFL-120-2/40-RS

NOTE: This product complies with the limits for a Class B product, pursuant to Part 18, Subpart C of the FCC rules. These rules are designed to provide reasonable protection against interference with other electronic equipment(e.g. radio and television), however, there is no guarantee that interference will not occur in a particular installation. If interference occurs, increase the distance between this product and the other electronic device, reposition the device's antenna, or plug the device into an outlet on a different circuit.

FCC LABEL

NOTE: This product complies with the limits for a Class B product, pursuant to Part 18 Subpart C of the FCC rules. These rules are designed to provide reasonable protection against interference with other electronic equipment (e.g. radio and television). However, there is no guarantee that interference will not occur in a particular installation. If interference occurs, increase the distance between this product and the other electronic device, reposition the device's antenna, or plug the device into an outlet on a different circuit.

15.00

110.00

ATC

DEC 17 1997

**ATC HQ
DOCUMENT CONTROL CENTER**

Specification(s):

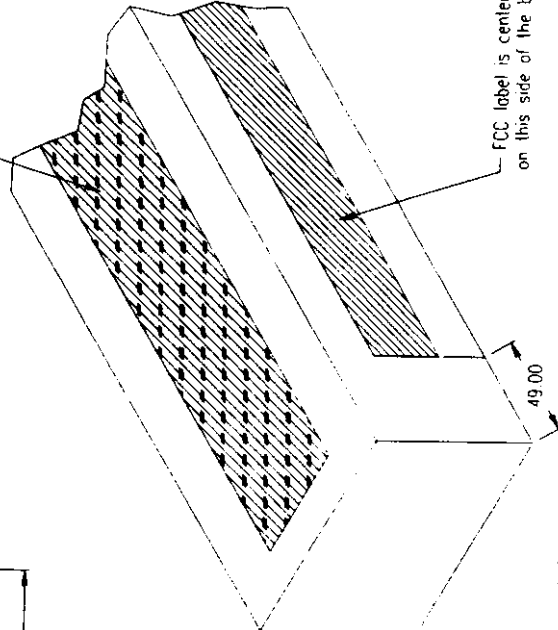
Label Material: Self-Adhesive label stickers

Adhesive: Permanent

Background Colors:

☐ White

BALLAST LABEL
(FACING UP)



FCC label is centered
on this side of the ballast

Note(s):

1. Prints/Characters in all background shall be Black.
2. Colors formula is taken from Pantone Color Formula Guide 747XR.

**ADVANCE
TRANSFORMER CO.**
O'HARE INTERNATIONAL CENTER
10275 WEST HIGGINS ROAD
ROSEMONT, ILLINOIS 60018-5603

TITLE: LABEL NOTE (FCC)
(110 x 15 mm)

ATC #

SIZE / PART NO.

PHILIPS 12NC

LTR

DWG NO.

REV. C

90-036-025

SHEET 1 OF 1

DATE 04.03.96

SCALE NTS

DATE 11.19.97

DESIGNED BY: E. BUCHHEIM

DRAWN BY: D. MOUCHEN

DATE: 12.18.97

DATE: 12.18.97

APPROVED BY: [Signature]

RESP. FACTORY FOR PRODT. ENG. MAINTENANCE

97N223R CHANGED FCC NOTE.

96N1571 UPDATE DWG

DESCRIPTION OF CHANGE (ECN NO.)

REVISIONS

DATE

BY

DATE

UNLESS OTHERWISE SPECIFIED,

UNITS ARE IN MILLIMETERS (mm).

TOLERANCES ARE:

FRACTIONS DECIMALS ANGLES

1/16 0.0625 30

1/32 0.0312 15

1/64 0.0156 7.5

1/128 0.0078 3.75

1/256 0.0039 1.875

1/512 0.0019 0.9375

1/1024 0.0009 0.46875

1/2048 0.0005 0.234375

1/4096 0.0002 0.1171875

1/8192 0.0001 0.05859375

1/16384 0.00005 0.029296875

1/32768 0.00002 0.0146484375

1/65536 0.00001 0.00732421875

1/131072 0.000005 0.003662109375

1/262144 0.000002 0.0018310546875

1/524288 0.000001 0.00091552734375

1/1048576 0.0000005 0.000457763671875

1/2097152 0.0000002 0.0002288818359375

1/4194304 0.0000001 0.00011444091796875

1/8388608 0.00000005 0.000057220458984375

1/16777216 0.00000002 0.0000286102294921875

1/33554432 0.00000001 0.00001430511474609375

1/67108864 0.000000005 0.000007152557373046875

1/134217728 0.000000002 0.0000035762786865234375

1/268435456 0.000000001 0.00000178813934326171875

1/536870912 0.0000000005 0.000000894069671630859375

1/1073741824 0.0000000002 0.0000004470348358154296875

1/2147483648 0.0000000001 0.00000022351741790771484375

1/4294967296 0.00000000005 0.000000111758708953857421875

1/8589934592 0.00000000002 0.0000000558793544769287109375

1/17179869184 0.00000000001 0.00000002793967723846435546875

1/34359738368 0.000000000005 0.000000013969838619232177734375

1/68719476736 0.000000000002 0.0000000069849193096160888671875

1/137438953472 0.000000000001 0.00000000349245965480804443359375

1/274877906944 0.0000000000005 0.000000001746229827404022216796875

1/549755813888 0.0000000000002 0.0000000008731149137020111083984375

1/1099511627776 0.0000000000001 0.00000000043655745685100555419921875

1/2199023255552 0.00000000000005 0.000000000218278728425502777099609375

1/4398046511104 0.00000000000002 0.0000000001091393642127513885498046875

1/8796093022208 0.00000000000001 0.00000000005456968210637569427490234375

1/17592186044416 0.000000000000005 0.000000000027284841053187847137451171875

1/35184372088832 0.000000000000002 0.0000000000136424205265939235687255859375

1/70368744177664 0.000000000000001 0.00000000000682121026329696178436279296875

1/140737488355328 0.0000000000000005 0.000000000003410605131648480892181396484375

1/281474976710656 0.0000000000000002 0.0000000000017053025658242404460906982421875

1/562949953421312 0.0000000000000001 0.00000000000085265128291212022304534912109375

1/1125899906842624 0.00000000000000005 0.00000000000042632564145606011152267456046875

1/2251799813685248 0.00000000000000002 0.000000000000213162820728030055761337280234375

1/4503599627370496 0.00000000000000001 0.0000000000001065814103640150278806686401171875

1/9007199254740992 0.000000000000000005 0.00000000000005329070518200751394033432005859375

1/18014398509481984 0.000000000000000002 0.000000000000026645352591003756970167160029296875

1/36028797018963968 0.000000000000000001 0.0000000000000133226762955018783850835800146484375

1/72057594037927936 0.0000000000000000005 0.0000000000000066613381477509391925417900073224609375

1/144115188075855872 0.0000000000000000002 0.00000000000000333066907387546959627089500366123046875

1/288230376151711744 0.0000000000000000001 0.0000000000000016653345369377347981354475018306123046875

1/576460752303423488 0.00000000000000000005 0.0000000000000008326672684688673990677237500915306123046875

1/1152921504606846976 0.00000000000000000002 0.0000000000000004163336342344336995338618750045765306123046875

1/2305843009213693952 0.00000000000000000001 0.00000000000000020816681711721684976693093750022878265306123046875

1/4611686018427387904 0.000000000000000000005 0.00000000000000010408340855860842488346546875001143913265306123046875

1/9223372036854775808 0.000000000000000000002 0.00000000000000005204170427930421244167272343750005719566265306123046875

1/18446744073709551616 0.000000000000000000001 0.0000000000000000260208521396521062208363617187500028597831265306123046875

1/36893488147419103232 0.0000000000000000000005 0.000000000000000013010426069826053110418180859375000142989156265306123046875

1/73786976294838206464 0.0000000000000000000002 0.00000000000000000650521303491302655520909042968750000714945781265306123046875

1/147573952589676412928 0.0000000000000000000001 0.00000000000000000325260651745651327760454521484375000035747289156265306123046875

1/295147905179352825856 0.00000000000000000000005 0.0000000000000000016263032587282566388022726072343750000178736445781265306123046875

1/590295810358705651712 0.00000000000000000000002 0.00000000000000000081315162936412831694011363036171875000008936822289156265306123046875

1/1180591620717411303424 0.00000000000000000000001 0.0000000000000000004065758146820641584700568151808593750000044684111445781265306123046875

1/2361183241434822606848 0.000000000000000000000005 0.0000000000000000002032879073410320792350284075904296875000002234205572289156265306123046875

1/4722366482869645213696 0.000000000000000000000002 0.000000000000000000101643953670516039617514203795214843750000011172102861445781265306123046875

1/9444732965739290427392 0.000000000000000000000001 0.0000000000000000000508219768352580198087571018976072343750000005586051428572289156265306123046875

1/18889465931478580854784 0.0000000000000000000000005 0.0000000000000000000254109884176290099043785509488036171875000000279302571428572289156265306123046875

1/37778931862957161709568 0.0000000000000000000000002 0.00000000000000000001270549420881450049521892547444018085937500000013965128571428572289156265306123046875

1/75557863725914323419136 0.0000000000000000000000001 0.00000000000000000000635274710440725024760946273722009042968750000000698256428572289156265306123046875

1/151115727451828646838272 0.00000000000000000000000005 0.0000000000000000000031763735522036251238047313686100451428572289156265306123046875

1/302231454903657293676544 0.00000000000000000000000002 0.000000000000000000001588186776101812561902365684305022571428572289156265306123046875

1/604462909807314587353088 0.00000000000000000000000001 0.0000000000000000000007940933880509062809511828421525113571428572289156265306123046875

1/1208925819614629174706176 0.000000000000000000000000005 0.000000000000000000000397046694025453140475591421076255678572289156265306123046875

1/2417851639229258349412352 0.000000000000000000000000002 0.00000000000000000000019852334701272657023779571053812783928572289156265306123046875

1/4835703278458516698824704 0.000000000000000000000000001 0.0000000000000000000000992616735063632851188978552690639196428572289156265306123046875

1/9671406556917033397649408 0.0000000000000000000000000005 0.000000000000000000000049630836753181642559448927645031959821428572289156265306123046875

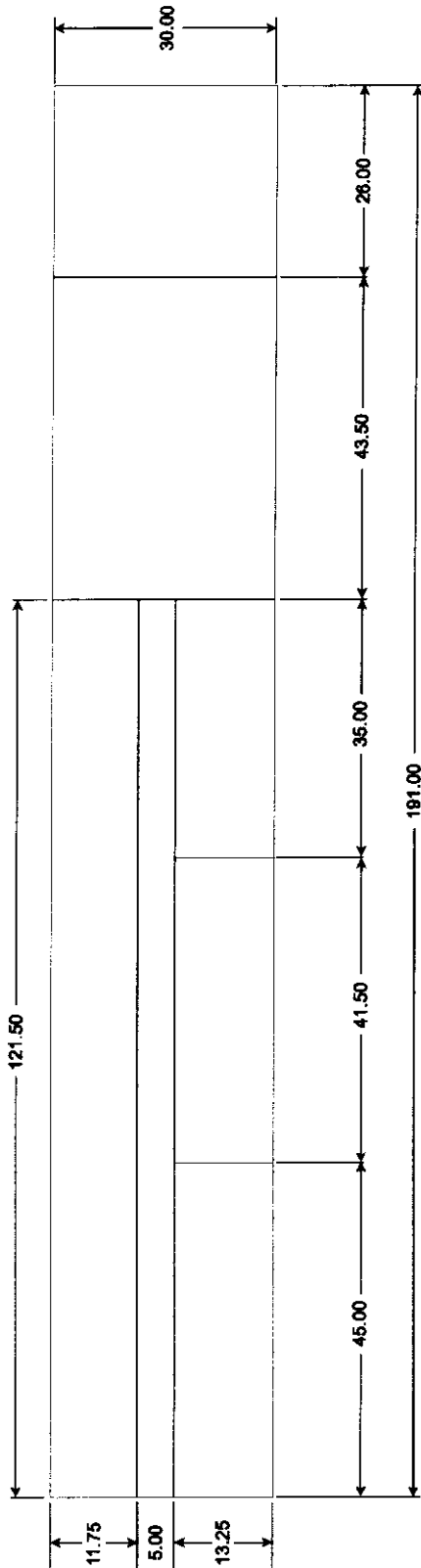
1/19342813113834066795298816 0.0000000000000000000000000002 0.00000000000000000000002481541837659082127972446382251597991071428572289156265306123046875

1/38685626227668133590597632 0.0000000000000000000000000001 0.0000000000000000000000124077091882954106398622319112579899553571428572289156265306123046875

1/77371252455336267181195264 0.00000000000000000000000000005 0.00000000000000000000000620385459414770531993311595562899477778572289156265306123046875

1/154742

LABEL DIMENSIONS

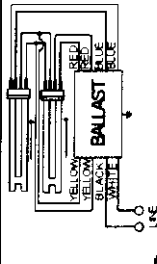


PHILIPS 2-Lamp Twin Tube

ELECTRONIC BALLAST
BALASTO ELECTRONICO
BALLAST ELECTRONIQUE

120V/60Hz · RAPID-START · HFL-120-2/40-RS

LAMP TYPE	2 x T4W	TYPE 1	MINIMUM STARTING TEMP 10°C / 50°F
INPUT POWER	71W	OUTDOOR	SOUND RATING ①
LINE CURRENT	0.50A	UNITED	INHERENT THERMAL PROTECTION
POWER FACTOR	>0.94	STAT	PROTECTION THERMOSTATS INTEGRAL
OPERATING VOLTAGE	675V Voltage to ground - 600V	FCC ID: E1W0HFL1222/RS	P/N 90-016-054-03 No PCB's



PHILIPS LIGHTING COMPANY
7 8624 1 00083 1
DISCONNECT LINE VOLTAGE BEFORE
INSTALLING OR REPAIRING
CAUTION: BALLAST CASE MUST BE GROUNDED

Specification(s):

Label Material: Self-Adhesive label sticker
Adhesive: Permanent

Background Colors:

- ☐ White
- ☐ Pantone Yellow 102 CV

Note(s):

1. Refer to CorelDraw file.
2. Prints/Characters in all backgrounds shall be Black.
3. Colors formula is taken from Pantone Color Formula Guide 747XR.

D		98N2242 ADDED FCC NOTE.		EB 09.12.98		TITLE: LABEL (MEX) PHL 120V (HFL-120-2/40-RS)	
C		98N2081 UPDATED TO NEW FORMAT.		EB 04.28.98		ATC # PHILIPS 12NC	
B		98N1307 UPDATED DRAWING		DN 08.16.96		DRAWING NO. 90-016-054	
REV. / ZONE		DESCRIPTION OF CHANGE (ECN NO.)		BY DATE		SCALE 1:1 DATE 09/12/98 SHEET 1 OF 1	
UNLESS OTHERWISE SPECIFIED, UNITS ARE IN MILLIMETERS (mm) TOLERANCES ARE:		DRAWN BY: J. J. J.		APPROVED BY: J. J. J.		REVISIONS:	
		REVISIONS:		REVISIONS:		REVISIONS:	
		REVISIONS:		REVISIONS:		REVISIONS:	
		REVISIONS:		REVISIONS:		REVISIONS:	