

1.0 Reference and Address			
Report Number	18061770HKG-001	Original Issued: 16-Nov-2018	Revised: 19-Feb-2025
Standard(s)	Electric Fans [UL 507:2017 Ed.10+R:27May2020] Fans and Ventilators [CSA C22.2#113:2015 Ed.10+U1]		
Applicant	Zhongshan KEBASHI Electric Appliance Co., Ltd.	Manufacturer	Zhongshan KEBASHI Electric Appliance Co., Ltd.
Address	2 of Fifth Floor, No.10 Yong yi 1st Road, Yong Xing Industrial Park, Henglan Town, Zhongshan City, Guangdong Province 528478	Address	2 of Fifth Floor, No.10 Yong yi 1st Road, Yong Xing Industrial Park, Henglan Town, Zhongshan City, Guangdong Province 528478
Country	China	Country	China
Contact	Shi Xiaohong Pan Fangming	Contact	Shi Xiaohong Pan Fangming
Phone	+86 13790727441 +86 13924962545	Phone	+86 13790727441 +86 13924962545
FAX	NA	FAX	NA
Email	sales@kbs-ceilingfanlight.com 3178204199@qq.com	Email	sales@kbs-ceilingfanlight.com 3178204199@qq.com

2.0 Product Description

Product	Ceiling Fan Lights
Brand name	Zhongshan KEBASHI Electric Appliance Co., Ltd, Mirage Lighting.
Description	The product covered by this report is household, indoor and dry location use Ceiling Fan, intended for permanently connected to the source of supply and intended for mounting to a ceiling outlet box or building structure.
	KBS-Y4216, KBS-Y4295, KBS-Y4298, KBS-Y4240, KBS-Y4299, KBS-Y4297, KBS-Y4274, KBS-Y4294, KBS-Y4296, KBS-Y4203, KBS-5270, JYL9705A, JYL9704A, JYL9702A, JYL9706A, JYL9707A, JYL9606A, JYL9608A, KBS-4256, KBS-4810, KBS-5219, KBS-5294, KBS-5293, KBS-5282, KBS-5274, KBS-5271, KBS-5261, KBS-5234, KBS-4822, KBS-4814, KBS-4222, KBS-5218Z, KBS-5255, KBS-5257, KBS-5269, KBS-5250, KBS-5273, KBS-5272, KBS-5275, KBS-5277, KBS-5278, KBS-5286, KBS-5289, KBS-5287, KBS-5285, KBS-5290, KBS-5291, KBS-5292, KBS-5296, KBS-5279, KBS-5262, KBS-5238, KBS-5266, KBS-5267, KBS-5263, KBS-5262, KBS-5256, KBS-5299, KBS-5245, KBS-5246, KBS-5249, KBS-5232, KBS-4841, KBS-4813, KBS-4217, KBS-4223, KBS-5218, KBS-4228, KBS-5239, KBS-5248, KBS-5216, KBS-5228, KBS-4808C, KBS-5225C, KBS-52010, KBS-42002, KBS-4205, KBS-4213, KBS-4216, KBS-4224, KBS-4816, KBS-4802, KBS-5224, CLF1008A, CLF1010A, CLF1014A, CLF1016A, CLF1009A, CLF1013A, CLF1015A, CLF1011A, CLF1012A, CLF1017A, KBS-5295, KBS-4704, KBS-5284, KBS-5264, KBS-5225D, KBS-5225-8, KBS-5225, KBS-4824, KBS-52137, LT-02-004, KBS-4844, KBS-52151, KBS-6008, KBS-5226, KBS-4401, KBS-4701, KBS-5101, KBS-5101B, KBS-5101C, KBS-5252, KBS-5605, KBS-4836, KBS-5236, KBS-5236-3, KBS-5233, KBS-5207B, KBS-5247, KBS-5209F, KBS-5209G, KBS-5209S, KBS-52100, KBS-838, KBS-52006, KBS-851, KBS-848, KBS-4280, KBS-4218, KBS-5222, KBS-6001, KBS-5603, KBS-5604, KBS-5268, KBS-5284, KBS-4817, KBS-4262, KBS-5227, KBS-5227-9, KBS-5209-2, KBS-5209-3, KBS-5209-5, KBS-5209K, KBS-5209H, KBS-5209, KBS-5247-2, KBS-5240, KBS-5221, KBS-4858, KBS-4203, KBS-6004, KBS-6003, JYL9600A, JYL9601A, JYL9602A, JYL9603A, JYL9604A, JYL9605A, JYL9607A, CLF1018A, CLF1019A, CLF1020A, CLF1021A, CLF1022A, KBS-4703, KBS-4705, KBS-4241, KBS-4239, KBS-4236, KBS-3606, KBS-52101, KBS-52109, KBS-52112, KBS-52113, KBS-52147C, KBS-52104, KBS-52130, KBS-52133, KBS-52134, KBS-52135, KBS-52136, KBS-52138, KBS-52141, KBS-52142, KBS-52143, KBS-52144, KBS-52149, JYL9600A, JYL9601A, JYL9602A, JYL9603A, JYL9604A, JYL9605A, JYL9607A, F304, F405, F305, F306, F307, F406, F407, CLF1018A, CLF1019A, CLF1020A, CLF1021A, CLF1022A, KBS-4824, KBS-52137, LT-02-004, KBS-5295, KBS-4844, KBS-4703, KBS-4704, KBS-4705, KBS-4241, KBS-4239, KBS-4236, KBS-3606, KBS-5284, KBS-5264, KBS-5225D, KBS-5225-8, KBS-5225, KBS-52101, KBS-52109, KBS-52112, KBS-52113, KBS-52147C, KBS-52104, KBS-52130, KBS-52133, KBS-52134, KBS-52135, KBS-52136, KBS-52138, KBS-52141, KBS-52142, KBS-52143, KBS-52144, KBS-52149, KBS-52151, KBS-6008, KBS-6005, KBS-5219, JYL9709A, JYL9710A, JYL9711A, JYL9611A, JYL9614A, JYL9618A, 72924, 72925, 72926, 72927, 72928, 72929, 72930, 72931, CF2108A, CF2109A, CF2110A, CF2111A, KBS-52185, KBS-52185-1, 3550112, 3550113, KBS-52183, SFN-C11, SFN-C11-1, SFN-C11-2, SFN-C12, SFN-C13, JYL9714A, JYL9714B, JYL9714C, JYL9714D, JYL9715A, JYL9715B, JYL9715C, JYL9715D, JYL9715E, JYL9716A, JYL9716B, JYL9717A, JYL9717B, JYL9717C, JYL9717D, JYL9717E, JYL9717F, JYL9718A, JYL9718B, JYL9718C, JYL9718D, JYL9719A, JYL9719B, JYL9719C, JYL9720A, JYL9720B, JYL9720C, JYL9721A, JYL9721B, JYL9721C, JYL9618B, CLF1023A, CLF1023B, CLF1025A, CLF1026A, CLF1027A, CLF1028A, CLF1029A, 9633-01-BLK, 9633-01-SNWH, 9503-01-MBRN, 9503-01-MBKWH, 9083-00BLK, 9173-015-SN, 9173-015-BLK-WH, 9464-01-WHWD, KBS-6003, KBS-6005-1, KBS-52245, KBS-52235, KBS-52K020, KBS-52K012, KBS-52K003, KBS-52233, KBS-52232, KBS-52219, KBS-52250, KBS-52251, KBS-52262, KBS-52198, KBS-52196, KBS-52187, KBS-52186, KBS-66K001, KBS-19003, KBS-19001, KBS-56K001, KBS-52266, KBS-66K001, KBS-52217, KBS-52223, KBS-52134, 52K027, 52K028, 52K033, 52K034, 52K006, 52K007, KBS-52K012,

2.0 Product Description**Models**

55VRS-MF/MWH, 55VRS-MF/MBK, 9083-MBK, 60WDRN-MBK/BK, 60WDRN-MWH/WH, 60WDRN-MBK/WAL, 60WDRN-MBK/WOK, CE-CFN147US-BK, CE-CFN352US-NK, CE-CFN452US-NK, KBS-52K087, KBS-52K085, KBS-52K088, KBS-52K074, KBS-60K004, JYL9712A, JYL9712B, JYL9712C, JYL9713A, JYL9713B, JYL9722A, JYL9722B, JYL9723A, JYL9723B, JYL9725A, KBS-52K098, KBS-52236, KBS-52K068, KBS-52K074, KBS-52237, KBS-52238, KBS-52252, KBS-52267, KBS-44K001, KBS-44K002, KBS-44K003, KBS-44K005, KBS-44K006, KBS-48K001, KBS-48K002, KBS-48K003, KBS-48K005, KBS-48K006, KBS-48K007, KBS-48K008, KBS-50K001, KBS-52K001, KBS-52K004, KBS-52K005, KBS-52K008, KBS-52K009, KBS-52K010, KBS-52K013, KBS-52K053, KBS-52K128, KBS-52K070, KBS-52K129, KBS-42K009, KBS-Y42203, KBS-52K030-AC-BK, KBS-24K005-DC-WH, KBS-Y42202, KBS-32K001, KBS-52K096, KBS-76K001, KBS-66K002, KBS-54K002, KBS-54K001, KBS-52K077, KBS-52K076, KBS-52K073, KBS-52K068, KBS-52K037, KBS-52K036, KBS-52159, KBS-48K006, KBS-29K001, KBS-23K001, KBS-22K001, KBS-20K002B, KBS-20K001.

KBS-42K002, KBS-38K009, KBS-66K005, KBS-66K004, KBS-52K136, KBS-48K010, KBS-52K139, KBS-52153, KBS-48K022, KBS-42K043, 22K011, KBS-48K015, KBS-20K002B, KBS-52K131, KBS-52K142, KBS-52K146, KBS-52K088, KBS-52K046, KBS-52K158, KBS-10K002, KBS-52K065, KBS-52K074, KBS-48K020, KBS-4808-D, KBS-Y48019, KBS-Y48021, KBS-24K007, KBS-20K026, KBS-38K010, KBS-32K001, KBS-16K002, KBS-52K015, KBS-52K103, KBS-52K109, KBS-52K059, CF301, CF401, AIR8000A, AIR8000B, AIR8000C, AIR8000D, AIR8000E, AIR8001A, AIR8001B, AIR8001C, JYL9612A, JYL9607B, KBS-W22K003, KBS-W22K010, KBS-W24K011, KBS-W20K042, KBS-46K001, KBS-56K015, KBS-56K009, KBS-52K151, KBS-52K152, KBS-42K025, KBS-42K032, KBS-42K031, KBS-52K162, KBS-72K002, KBS-42K030, KBS-18K005, KBS-16K008, KBS-E10K004, KBS-E11K001, KBS-72K007, KBS-84K001, KBS-W19K005, KBS-W15K001, KBS-20K002A, KBS-E16K002, KBS-E16K003, KBS-E16K004, KBS-E16K005, KBS-E16K006, KBS-E16K007, KBS-E16K008, KBS-W17K001, KBS-52K203, KBS-52K169, KBS-42K142, KBS-52K204, KBS-52K205, KBS-52K181, KBS-60K010, KBS-52K051, KBS-52K219, KBS-42K060, KBS-36K004, KBS-56K016, KBS-3001, KBS-3602, KBS-42K005, KBS-3370, KBS-42K010, KBS-8918, KBS-Y42194, KBS-Y42195, KBS-Y42197, KBS-Y42160, KBS-Y42116, KBS-Y4265, KBS-52150-1, KBS-52150, KBS-44K009, KBS-44K011, KBS-48K011, JYL9613A.

JYL9620A, JYL9602A, JYL9610B, JYL9612A, JYL9607B, KBS-42K061, KBS-45K002, KBS-44K013, KBS-46K001, KBS-48K011, KBS-72K007, KBS-84K001, KBS-96K001, KBS-56K015, KBS-120K001, KBS-52K258, KBS-52K257, KBS-56K009, KBS-52K138, KBS-52K255, KBS-52K252, KBS-52K135, KBS-52K243, KBS-52K245, KBS-W21K011, KBS-W19K009, KBS-W20K042, KBS-20K005, KBS-W20K011, KBS-WX001, KBS-W20K005, KBS-52K202, KBS-52K151, KBS-52150, KBS-W22K010, AIR8000A, AIR8000B, AIR8000C, KBS-W24K011, AIR8000D, AIR8000E, AIR8001A, KBS-W19K005, AIR8001B, AIR8001C, KBS-W22K003, KBS-20K002A, KBS-52K152, KBS-52K162, KBS-52150-1, KBS-42K025, KBS-42K032, KBS-42K031, KBS-42K010, KBS-42K030, KBS-42K060, KBS-72K002, KBS-72K007, KBS-84K001, KBS-18K005, KBS-16K008, KBS-W15K001, KBS-E16K002, KBS-E16K003, KBS-E16K004, KBS-E16K005, KBS-E16K006, KBS-E16K007, KBS-E16K008, KBS-W17K001, KBS-E10K004, KBS-E11K001, KBS-52K203, KBS-52K169, KBS-42K142, KBS-52K205, KBS-52K219, KBS-52K204, KBS-52K051, KBS-52K181, KBS-60K010, KBS-56K016, KBS-36K004, KBS-3602, KBS-3001, KBS-42K005, KBS-3370, KBS-8918, KBS-Y42194, KBS-Y42195, KBS-Y42197, KBS-Y42160, KBS-Y42116, KBS-Y4265, KBS-44K009, KBS-44K011.

2.0 Product Description

Models KBS-Y4216, KBS-Y4295, KBS-Y4298, KBS-Y4240, KBS-Y4299, KBS-Y4297 are identical, except light kit decorate.

Models KBS-Y4274, KBS-Y4294, KBS-Y4296, KBS-Y4203 are identical, except light kit decorate.

Models KBS-T416 & KBS-5270 & KBS-5226 are same motor.

Models KBS-5270 & KBS-5226 are identical, except light kit, outlook and numbers of blades, KBS-5270 with 5 blades and KBS-5226 with 3 blades.

Models KBS-5270, JYL9705A, JYL9704A, JYL9702A, JYL9706A, JYL9707A, JYL9606A, JYL9608A, KBS-4256, KBS-4810, KBS-5219, KBS-5294, KBS-5293, KBS-5282, KBS-5274, KBS-5271, KBS-5261, KBS-5234, KBS-4822, KBS-4814, KBS-4222, KBS-5218Z, KBS-5255, KBS-5257, KBS-5269, KBS-5250, KBS-5273, KBS-5272, KBS-5275, KBS-5277, KBS-5278, KBS-5286, KBS-5289, KBS-5287, KBS-5285, KBS-5290, KBS-5291, KBS-5292, KBS-5296, KBS-5279, KBS-5262, KBS-5238, KBS-5266, KBS-5267, KBS-5263, KBS-5262, KBS-5256, KBS-5299, KBS-5245, KBS-5246, KBS-5249, KBS-5232, KBS-4841, KBS-4813, KBS-4217, KBS-4223, KBS-5218, KBS-4228, KBS-5239, KBS-5248, KBS-5216, KBS-5228, KBS-4808C, KBS-5225C, KBS-52010, KBS-42002, KBS-4205, KBS-4213, KBS-4216, KBS-4224, KBS-4816, KBS-4802, KBS-5224, CLF1012A, CLF1017A, KBS-5295, KBS-4704, KBS-5284, KBS-5264, KBS-5225D, KBS-5225-8, KBS-5225, KBS-4824, KBS-52137, LT-02-004, KBS-4844, KBS-52151, KBS-6008, F304, F405, F305, F306, F307, F406, F407, KBS-5295, KBS-4704, KBS-5284, KBS-5264, KBS-5225D, KBS-5225-8, KBS-5225, KBS-52151, KBS-6008, KBS-52185, KBS-52185-1, 3550112, 3550113, KBS-52183, SFN-C11, SFN-C11-1, SFN-C11-2, SFN-C12, SFN-C13, JYL9720A, JYL9720B, JYL9720C, JYL9721A, JYL9721B, JYL9721C, JYL9618B, CLF1025A, CLF1026A, KBS-52K020, KBS-52219, KBS-52250, KBS-52251, KBS-52262, KBS-52198, KBS-52196, KBS-52187, KBS-52186, KBS-19003 are identical, except color of blades.

Models KBS-5226, KBS-4401, KBS-4701, KBS-5101, KBS-5101B, KBS-5101C, KBS-5252, KBS-5605, KBS-4836, KBS-5236, KBS-5236-3, KBS-5233, KBS-5207B, KBS-5247, KBS-5209F, KBS-5209G, KBS-5209S, KBS-52100, KBS-838, KBS-52006, KBS-851, KBS-848, KBS-4280, KBS-4218, KBS-5222, KBS-6001, KBS-5603, KBS-5604, KBS-5268, KBS-5284, KBS-4817, KBS-4262, KBS-5227, KBS-5227-9, KBS-5209-2, KBS-5209-3, KBS-5209-5, KBS-5209K, KBS-5209H, KBS-5209, KBS-5247-2, KBS-5240, KBS-5221, KBS-4858, KBS-4203, KBS-6004, KBS-6003, CLF1018A, CLF1019A, CLF1020A, CLF1021A, CLF1022A, KBS-4703, KBS-4705, KBS-4241, KBS-4239, KBS-4236, KBS-3606, KBS-52101, KBS-52109, KBS-52112, KBS-52113, KBS-52147C, KBS-52104, KBS-52130, KBS-52133, KBS-52134, KBS-52135, KBS-52136, KBS-52138, KBS-52141, KBS-52142, KBS-52143, KBS-52144, KBS-52149, JYL9600A, JYL9601A, JYL9602A, JYL9603A, JYL9604A, JYL9605A, JYL9607A, CLF1018A, CLF1019A, CLF1020A, CLF1021A, CLF1022A, KBS-4824, KBS-52137, LT-02-004, KBS-4844, KBS-4703, KBS-4705, KBS-4241, KBS-4239, KBS-4236, KBS-3606, KBS-52101, KBS-52109, KBS-52112, KBS-52113, KBS-52147C, KBS-52104, KBS-52130, KBS-52133, KBS-52134, KBS-52135, KBS-52136, KBS-52138, KBS-52141, KBS-52142, KBS-52143, KBS-52144, KBS-52149, JYL9714A, JYL9714B, JYL9714C, JYL9714D, JYL9715A, JYL9715B, JYL9715C, JYL9715D, JYL9715E, JYL9716A, JYL9716B, JYL9717A, JYL9717B, JYL9717C, JYL9717D, JYL9717E, JYL9717F, JYL9718A, JYL9718B, JYL9718C, JYL9718D, JYL9719A, JYL9719B, JYL9719C, CLF1023A, CLF1023B, CLF1027A, CLF1028A, CLF1029A, 9633-01-BLK, 9633-01-SNWH, 9503-01-MBRN, 9503-01-MBKWH, 9083-00BLK, 9173-015-SN, 9173-015-BLK-WH, 9464-01-WHWD, KBS-6003, KBS-6005-1, KBS-52245, KBS-52235, KBS-52K012, KBS-52K003, KBS-52233, KBS-52232, KBS-66K001, KBS-19001, KBS-56K001 are identical, except color of blades.

2.0 Product Description

Models KBS-5271 and CLF1008A, JYL9600A are identical, except model number.
 Models KBS-5289 and CLF1010A, JYL9601A are identical, except model number.
 Models KBS-5262 and CLF1014A, JYL9602A are identical, except model number.
 Models KBS-4222 and CLF1016A, JYL9603A are identical, except model number.
 Models KBS-5261 and CLF1009A, JYL9604A are identical, except model number.
 Models KBS-5275 and CLF1013A, JYL9605A are identical, except model number.
 Models KBS-5287 and CLF1015A, JYL9607A are identical, except model number.
 Models KBS-5255 and CLF1011A are identical, except model number.
 Models KBS-5238 and CLF1012A are identical, except model number.
 Models KBS-5234 and CLF1017A are identical, except model number.

Models KBS-6005, KBS-5219, KBS-Y4216 are identical, except fan motor, remote control, enclosure and lamp.

Models KBS-Y4216, JYL9709A, JYL9710A, JYL9711A, JYL9611A, JYL9614A, JYL9618A, 72924, 72925, 72926, 72927, 72928, 72929, 72930, 72931, CF2108A, CF2109A, CF2110A, CF2111A are identical, except different color of blade.

KBS-52266, KBS-66K001, KBS-52217, KBS-52223, KBS-52134, 52K027, 52K028, 52K033, 52K034, 52K006, 52K007 are identical to KBS-5226 except different color of blade.

Model KBS-52K012 and KBS-6005 have same motor.

Models 55VRS-MF/MWH, 55VRS-MF/MBK, KBS-54K002 and KBS-52235 are identical, except model number.

Models 9083-MBK, KBS-52K068, KBS-52K037, KBS-52159, KBS-52K068, KBS-52K074, KBS-52K013 and KBS-5209 are identical, except model number.

Models 60WDRN-MBK/BK, 60WDRN-MWH/WH, 60WDRN-MBK/WAL, 60WDRN-MBK/WOK, KBS-60K004 and KBS-6004 are identical, except model number.

Models CE-CFN147US-BK and KBS-4701 are identical, except model number.

Models CE-CFN352US-NK, CE-CFN452US-NK, KBS-52K087, KBS-52K085, KBS-52K088, KBS-42K009, KBS-52K129, KBS-52K030-AC-BK, KBS-52K096, KBS-52K073, KBS-52K036 and KBS-5295 are identical, except model number.

Models JYL9712A, JYL9712B, JYL9712C, JYL9713A, JYL9713B, KBS-76K001, KBS-66K002 and KBS-66K001 are identical, except model number.

Models JYL9722A, JYL9722B, JYL9723A, JYL9723B and KBS-5222 are identical, except model number.

Models JYL9725A and KBS-4224 are identical, except model number.

Models KBS-52K074, KBS-52K098, KBS-52236, KBS-52237, KBS-52238, KBS-52252, KBS-52267, KBS-52K001, KBS-52K004, KBS-52K005, KBS-52K008, KBS-52K009, KBS-52K010, KBS-52K053, KBS-52K077, KBS-52K076 and KBS-52K012 are identical, except model number.

Models KBS-44K001, KBS-44K002, KBS-44K003, KBS-44K005, KBS-44K006 and KBS-4401 are identical, except model number.

Models KBS-48K001, KBS-48K002, KBS-48K003, KBS-48K005, KBS-48K006, KBS-48K007, KBS-48K008, KBS-48K006 and KBS-4824 are identical, except model number.

Models KBS-50K001 and KBS-5101 are identical, except model number.

Model Similarity

2.0 Product Description

Models KBS-52K128 and KBS-52137 are identical, except model number.

Models KBS-Y42203, KBS-Y42202 and KBS-Y4216 are identical, except model number.

Models KBS-24K005-DC-WH, KBS-20K001, KBS-20K002B and KBS-Y4203 are identical, except model number.

Models KBS-32K001, KBS-23K001, KBS-22K001 and KBS-Y4296 are identical, except model number.

Models KBS-54K001 and KBS-52245 are identical, except model number.

Models KBS-29K001 and KBS-Y4294 are identical, except model number.

Models KBS-42K002, KBS-38K009, KBS-66K005, KBS-66K004, KBS-52K136, KBS-48K010, KBS-52K139, KBS-52153, KBS-48K022, KBS-42K043, 22K011, KBS-48K015, KBS-20K002B, KBS-52K131, KBS-52K142, KBS-52K146, KBS-52K088, KBS-52K046, KBS-52K158, KBS-10K002, KBS-52K065, KBS-52K074, KBS-48K020, KBS-4808-D, KBS-Y48019, KBS-Y48021, KBS-24K007, KBS-20K026, KBS-38K010, KBS-32K001, KBS-16K002, KBS-52K015, KBS-52K103, KBS-52K109, KBS-52K059 and KBS-52236 are identical, except model number.

Models CF301 and KBS-52223 are identical, except model number.

Models CF401 and KBS-52K088 are identical, except model number.

Models AIR8000A, AIR8000B, AIR8000C, AIR8000D, AIR8000E, AIR8001A, AIR8001B, AIR8001C, KBS-W22K003, KBS-W22K010, KBS-W24K011, KBS-W19K005, KBS-20K002A, CF2110A are identical, except model number.

Models JYL9612A, JYL9607B, JYL9613A, JYL9604A are identical, except model number.

Models KBS-W20K042 and CF2108A are identical, except model number.

Models KBS-46K001, KBS-48K011, KBS-4701 are identical, except model number.

Models KBS-52K152, KBS-52K162, KBS-52150-1, KBS-4262 are identical, except model number.

Models KBS-56K015, KBS-56K009, KBS-5603 are identical, except model number.

Models KBS-42K025, KBS-42K032, KBS-42K031, KBS-42K030, KBS-42K060, KBS-42K010, KBS-4203 are identical, except model number.

Models KBS-72K002, KBS-72K007, KBS-84K001, KBS-6001 are identical, except model number.

Models KBS-18K005, KBS-16K008, KBS-W15K001, KBS-E16K002, KBS-E16K003, KBS-E16K004, KBS-E16K005, KBS-E16K006, KBS-E16K007, KBS-E16K008, KBS-W17K001, CF2111A are identical, except model number.

Models KBS-E10K004, KBS-E11K001, KBS-19003 are identical, except model number.

Models KBS-52K203, KBS-52K169, KBS-4703 are identical, except model number.

Models KBS-52K204, KBS-52K051, KBS-5236-3 are identical, except model number.

Models KBS-52K205, KBS-42K142, KBS-52K219, KBS-5221 are identical, except model number.

Models KBS-52K181, KBS-5236 are identical, except model number.

Models KBS-60K010, KBS-56K016, KBS-6003 are identical, except model number.

Models KBS-36K004, KBS-3602, KBS-3606 are identical, except model number.

Models KBS-3001, KBS-42002 are identical, except model number.

Models KBS-42K005, KBS-3370, KBS-4280 are identical, except model number.

Models KBS-8918, KBS-Y42194, KBS-Y42195, KBS-Y42197, KBS-Y42160, KBS-Y42116, KBS-Y4265, KBS-Y4203 are identical, except model number.

Models KBS-52150, KBS-52K151, KBS-52266 are identical, except model number.

Models KBS-44K009, KBS-44K011, KBS-52006 are identical, except model number.

2.0 Product Description	
	Models JYL9620A, JYL9602A, JYL9610B, JYL9612A, JYL9607B and JYL9604A are identical, except model number. Models KBS-42K061, KBS-45K002, KBS-44K013, KBS-46K001, KBS-48K011 and KBS-4701 are identical, except model number. Models KBS-72K007, KBS-84K001, KBS-96K001, KBS-56K015, KBS-120K001, KBS-52K258, KBS-52K257, KBS-56K009, KBS-52K138, KBS-52K255, KBS-52K252, KBS-52K135, KBS-52K243, KBS-52K245 and KBS-5603 are identical, except model number. Models KBS-W21K011, KBS-W19K009, KBS-W20K042, KBS-20K005, KBS-W20K011, KBS-WX001, KBS-W20K005 and CF2108A are identical, except model number. Models KBS-W21K011, KBS-W19K009, KBS-W20K042, KBS-20K005, KBS-W20K011, KBS-WX001, KBS-W20K005 and CF2108A are identical, except model number. Models KBS-52K202, KBS-52K151, KBS-52150 and KBS-52266 are identical, except model number. Models KBS-W22K010, AIR8000A, AIR8000B, AIR8000C, KBS-W24K011, AIR8000D, AIR8000E, AIR8001A, KBS-W19K005, AIR8001B, AIR8001C, KBS-W22K003, KBS-20K002A and CF2110A are identical, except model number. Models KBS-52K152, KBS-52K162, KBS-52150-1 and KBS-4262 are identical, except model number. Models KBS-42K025, KBS-42K032, KBS-42K031, KBS-42K010, KBS-42K030, KBS-42K060 and KBS-4203 are identical, except model number. Models KBS-72K002, KBS-72K007, KBS-84K001 and KBS-6001 are identical, except model number. Models KBS-18K005, KBS-16K008, KBS-W15K001, KBS-E16K002, KBS-E16K003, KBS-E16K004, KBS-E16K005, KBS-E16K006, KBS-E16K007, KBS-E16K008, KBS-W17K001 and CF2111A are identical, except model number. Models KBS-E10K004, KBS-E11K001 and KBS-19003 are identical, except model number. Models KBS-52K203, KBS-52K169 and KBS-4703 are identical, except model number. Models KBS-42K142, KBS-52K205, KBS-52K219 and KBS-5221 are identical, except model number.
Ratings	Models KBS-52K204, KBS-52K051 and KBS-5236-3 are identical, except model number. Models KBS-52K181 and KBS-5236 are identical, except model number. Models KBS-60K010, KBS-56K016 and KBS-6003 are identical, except model number. Models KBS-36K004, KBS-3602 and KBS-3606 are identical, except model number. Models KBS-3001 and KBS-42002 are identical, except model number. Models KBS-42K005, KBS-3370 and KBS-4280 are identical, except model number. Models KBS-8918, KBS-Y42194, KBS-Y42195, KBS-Y42197, KBS-Y42160, KBS-Y42116, KBS-Y4265 and KBS-Y4203 are identical, except model number. Models KBS-44K009, KBS-44K011 and KBS-52006 are identical, except model number.
Other Ratings	Except models KBS-5270, KBS-5226, KBS-6005, KBS-5219:120V, 60Hz, 0.5A (Motor), 0.8A (With Light) Model KBS-5270: 120V, 60Hz, 0.5A (Motor), 1.5A (With Light) Model KBS-5226: 120V, 60Hz, 0.5A (Motor), 0.65A (With Light) Model KBS-6005: 120V, 60Hz, 0.6A (Motor), 0.7A (With Light) Model KBS-5219: 120V, 60Hz, 0.6A (Motor), 1.8A (With Light) Model KBS-52K012: 120V, 60Hz, 0.6A (Motor), 0.8A (With Light)

3.0 Product Photographs

Photo 1 - Overall view of Ceiling Fan, model KBS-Y4216

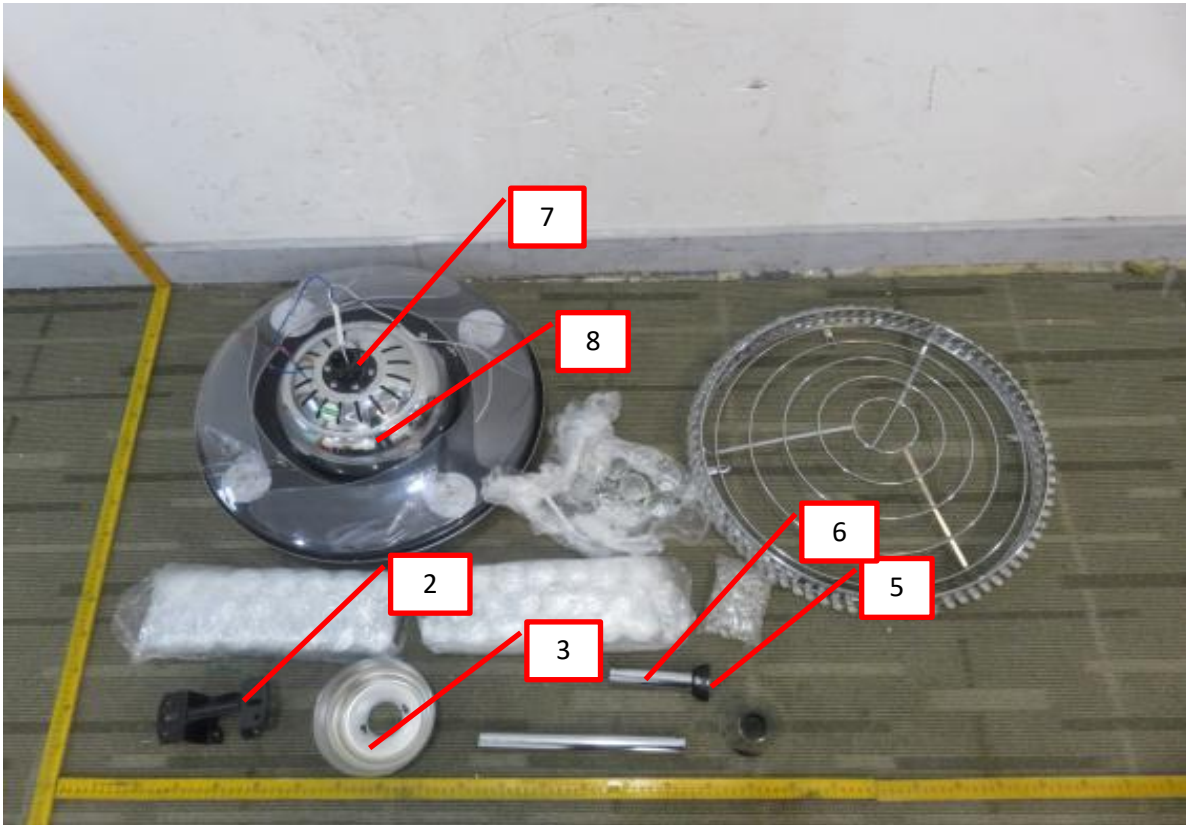
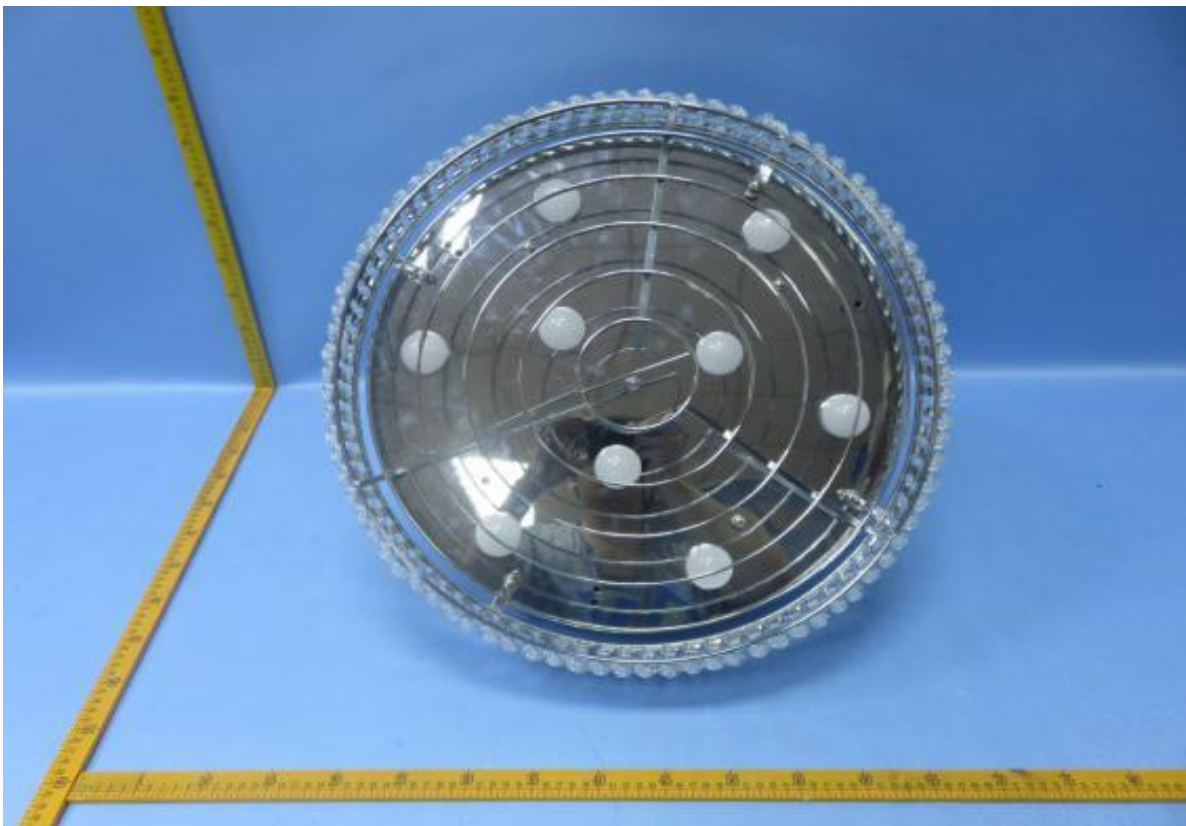


Photo 2 - Overall view of Ceiling Fan, model KBS-Y4216



3.0 Product Photographs

Photo 3 - Overall view of Ceiling Fan, model KBS-Y4216



Photo 4 - Overall view of Ceiling Fan, model KBS-Y4295



3.0 Product Photographs

Photo 5 - Overall view of Ceiling Fan, model KBS-Y4295



Photo 6 - Overall view of Ceiling Fan, model KBS-Y4295



3.0 Product Photographs

Photo 7 - Overall view of Ceiling Fan, model KBS-Y4298



Photo 8 - Overall view of Ceiling Fan, model KBS-Y4298



3.0 Product Photographs

Photo 9 - Overall view of Ceiling Fan, model KBS-Y4298



Photo 10 - Overall view of Ceiling Fan, model KBS-Y4240



3.0 Product Photographs

Photo 11 - Overall view of Ceiling Fan, model KBS-Y4240



Photo 12 - Overall view of Ceiling Fan, model KBS-Y4240



3.0 Product Photographs

Photo 13 - Overall view of Ceiling Fan, model KBS-Y4299



Photo 14 - Overall view of Ceiling Fan, model KBS-Y4299



3.0 Product Photographs

Photo 15 - Overall view of Ceiling Fan, model KBS-Y4299



Photo 16 - Overall view of Ceiling Fan, model KBS-Y4297



3.0 Product Photographs

Photo 17 - Overall view of Ceiling Fan, model KBS-Y4297



Photo 18 - Overall view of Ceiling Fan, model KBS-Y4297



3.0 Product Photographs

Photo 19 - Internal view of Ceiling Fan, model KBS-Y4216, KBS-Y4295, KBS-Y4298, KBS-Y4240, KBS-Y4299, KBS-Y4297

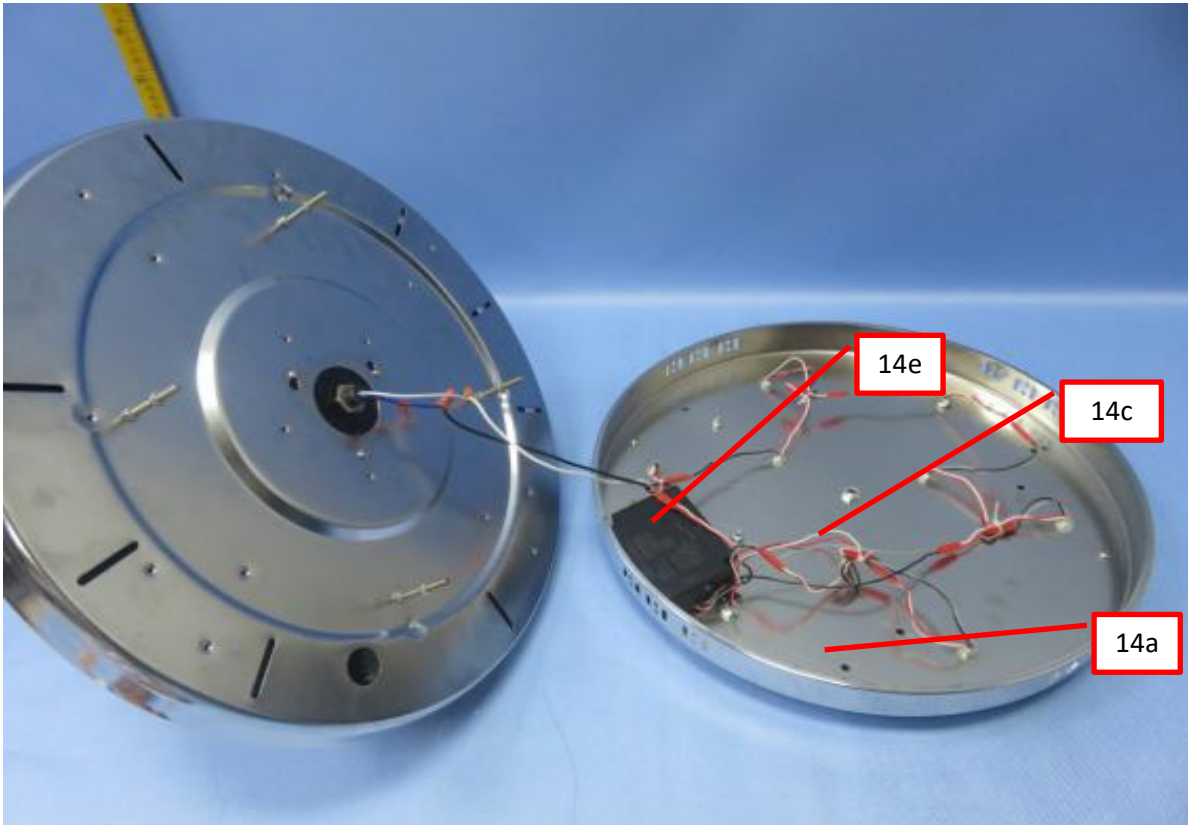
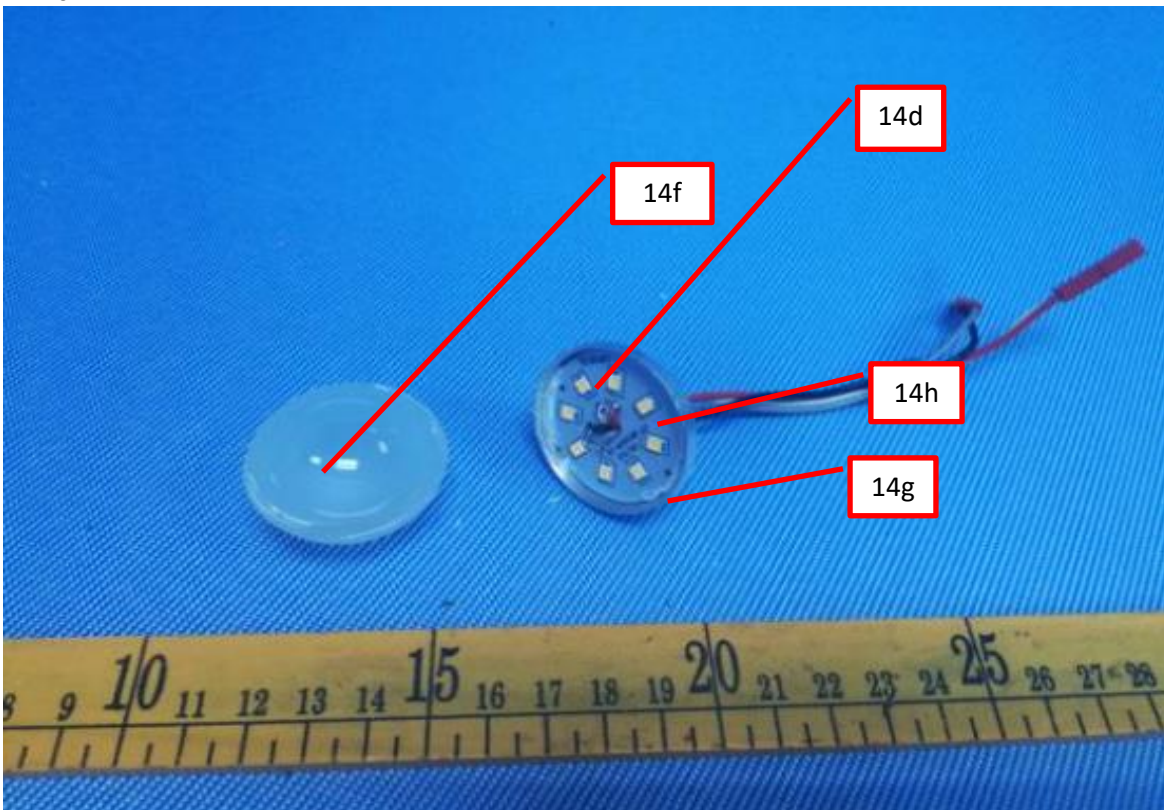


Photo 20 - Internal view of light kit, model KBS-Y4216, KBS-Y4295, KBS-Y4298, KBS-Y4240, KBS-Y4299, KBS-Y4297



3.0 Product Photographs

Photo 21 - Overall view of Ceiling Fan, model KBS-Y4274



Photo 22 - Overall view of Ceiling Fan, model KBS-Y4274



3.0 Product Photographs

Photo 23 - Overall view of Ceiling Fan, model KBS-Y4274



Photo 24 - Overall view of Ceiling Fan, model KBS-Y4294

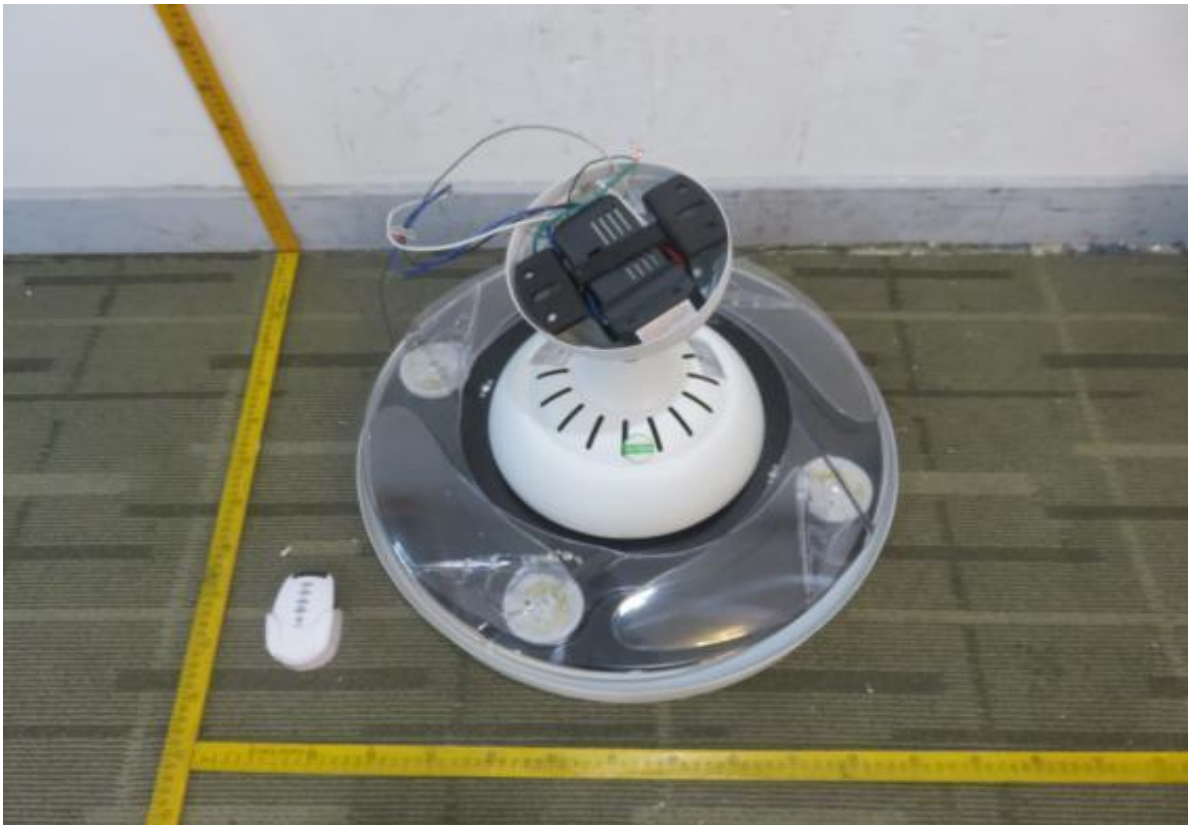


3.0 Product Photographs

Photo 25 - Overall view of Ceiling Fan, model KBS-Y4294



Photo 26 - Overall view of Ceiling Fan, model KBS-Y4296



3.0 Product Photographs

Photo 27 - Overall view of Ceiling Fan, model KBS-Y4296



Photo 28 - Overall view of Ceiling Fan, model KBS-Y4203



3.0 Product Photographs

Photo 29 - Overall view of Ceiling Fan, model KBS-Y4203

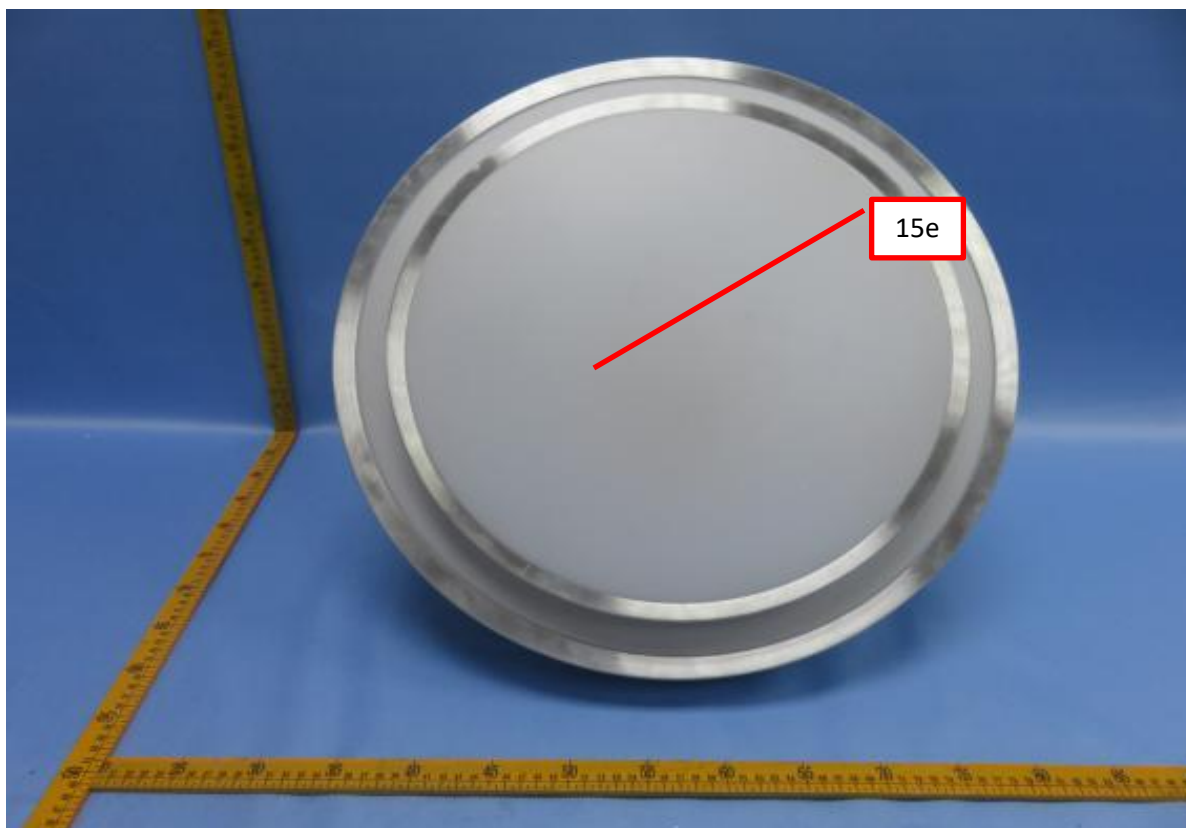
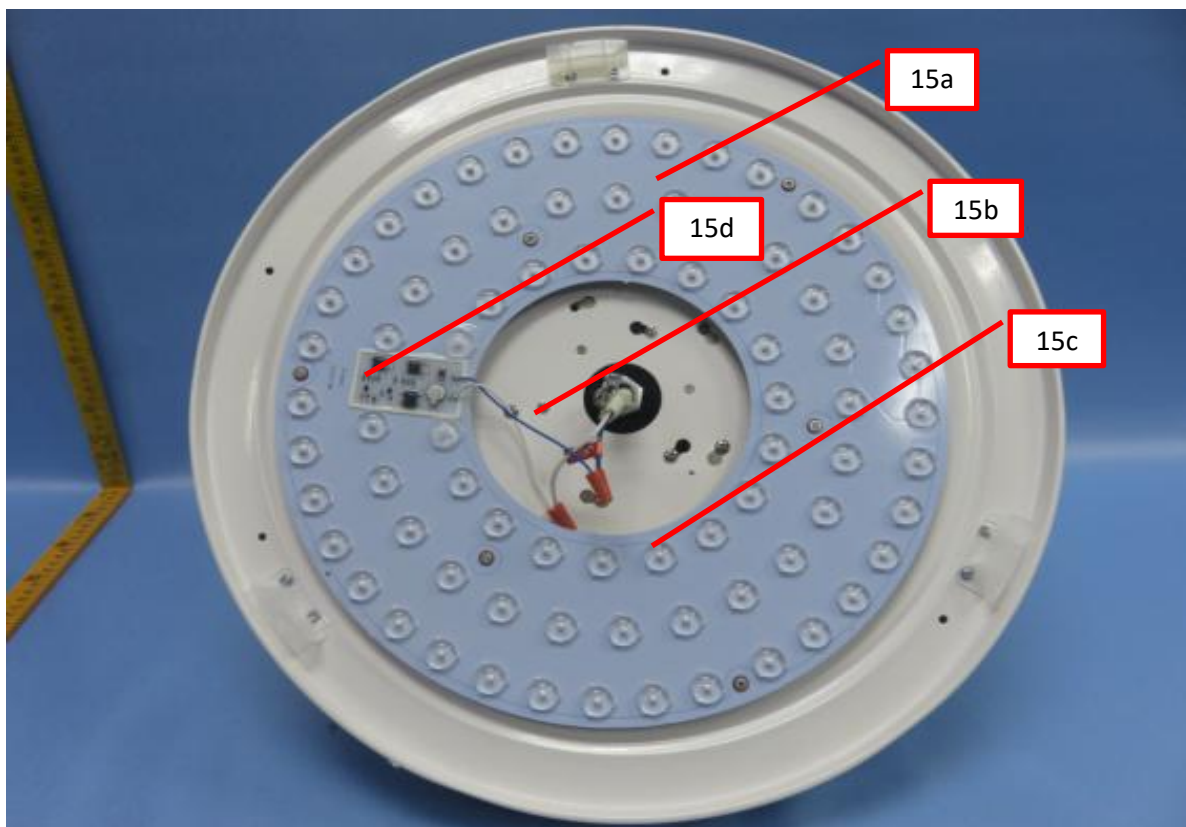


Photo 30 - Internal view of Ceiling Fan, model KBS-Y4274, KBS-Y4294, KBS-Y4296, KBS-Y4203



3.0 Product Photographs

Photo 31 - Internal view of Ceiling Fan, all models except models KBS-5270, KBS-5226, KBS-6005, KBS-5219.

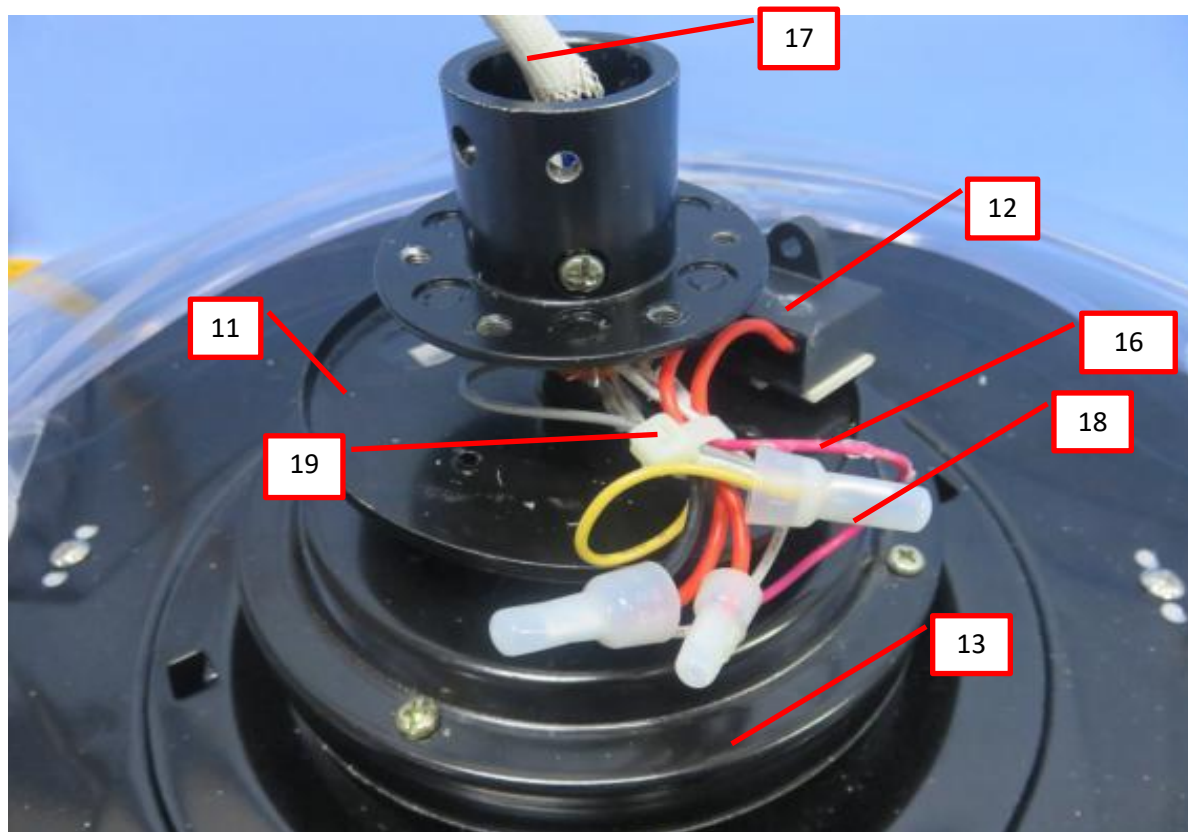


Photo 32 - Internal view of Ceiling Fan, all models except models KBS-6005, KBS-5219.



3.0 Product Photographs

Photo 33 - Speed control of Ceiling Fan for models KBS-Y4203, KBS-Y4296, KBS-Y4294, KBS-Y4274, KBS-Y4297, KBS-Y4299, KBS-Y4240, KBS-Y4298, KBS-Y4295, KBS-Y4216, KBS-5226



Photo 34 - Remote handset of Ceiling Fan for models KBS-Y4203, KBS-Y4296, KBS-Y4294, KBS-Y4274, KBS-Y4297, KBS-Y4299, KBS-Y4240, KBS-Y4298, KBS-Y4295, KBS-Y4216, KBS-5226



3.0 Product Photographs

Photo 35 - Field wiring terminals of Ceiling Fan



Photo 36 - Internal view of Remote handset for models KBS-Y4203, KBS-Y4296, KBS-Y4294, KBS-Y4274, KBS-Y4297, KBS-Y4299, KBS-Y4240, KBS-Y4298, KBS-Y4295, KBS-Y4216, KBS-5226



3.0 Product Photographs

Photo 37 - Overall view of Ceiling Fan, model KBS-5270



Photo 38 - Internal view of Ceiling Fan, model KBS-5270



3.0 Product Photographs

Photo 39 - Internal view of Ceiling Fan, model KBS-5270

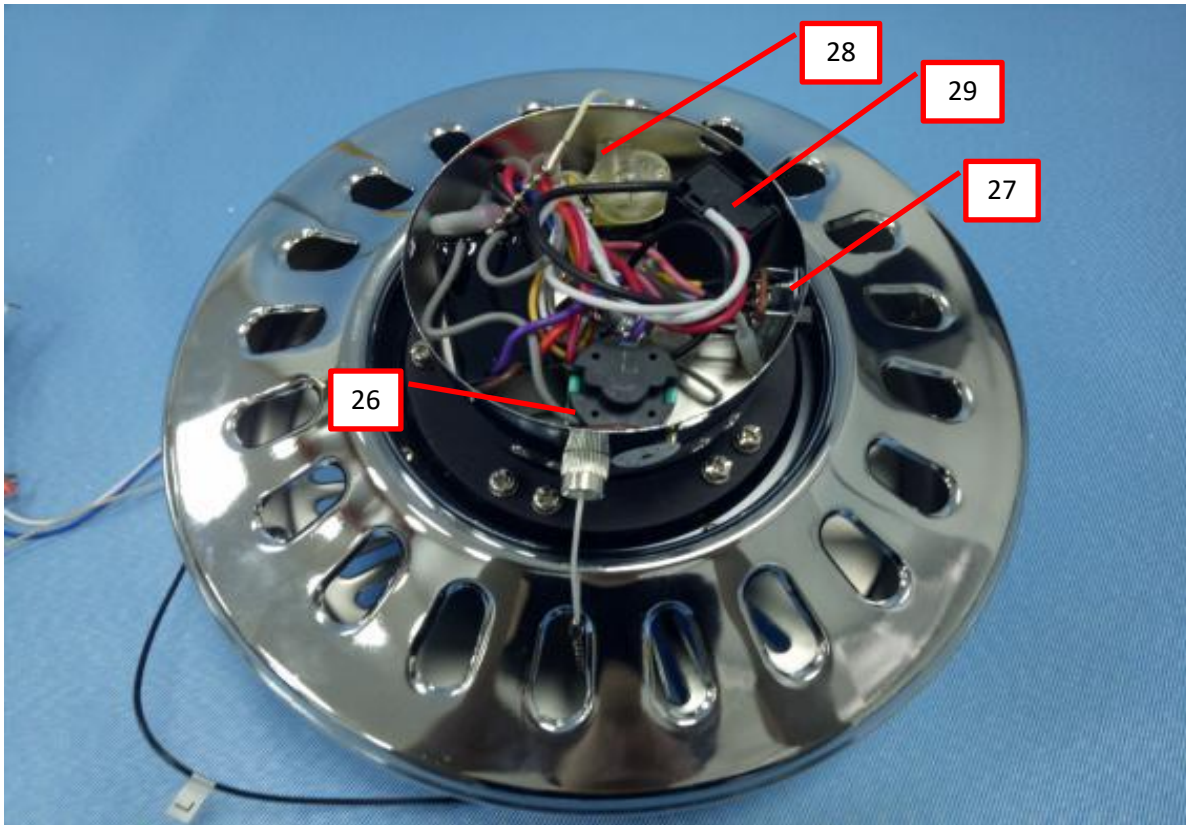
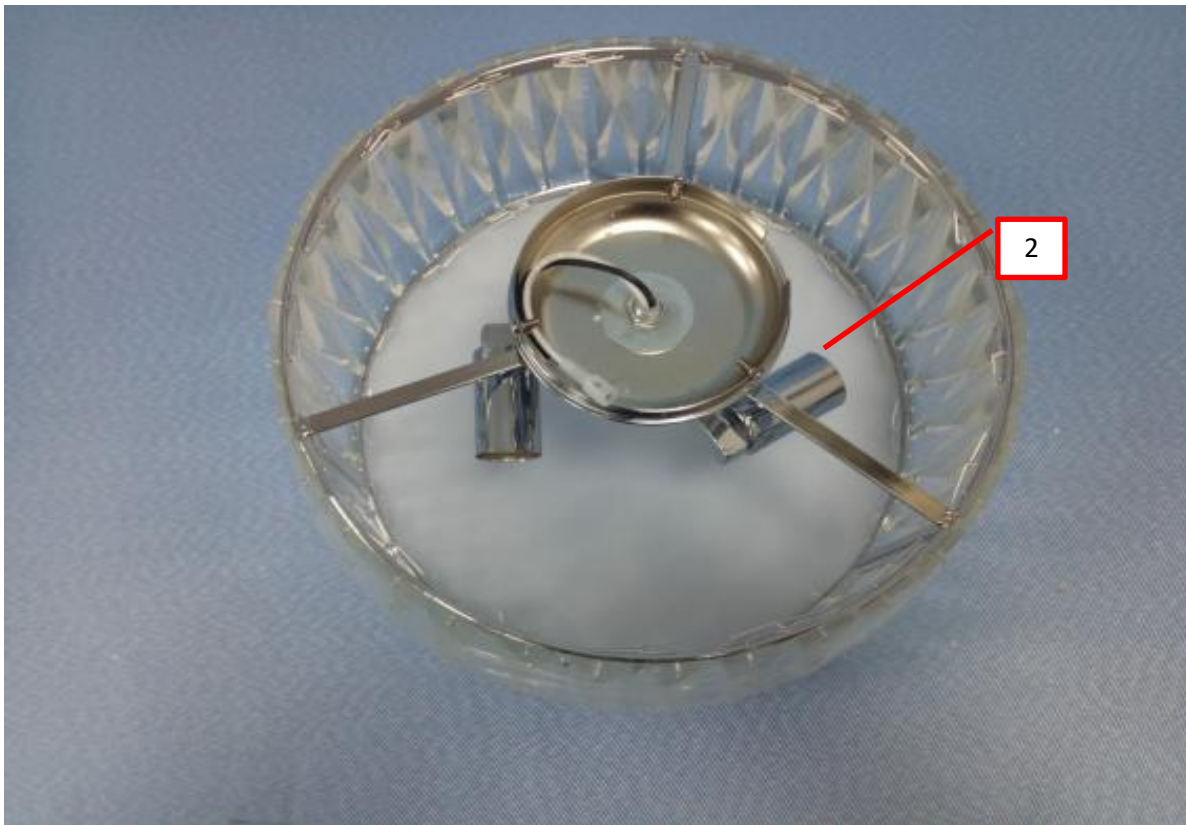


Photo 40 - Internal view of Ceiling Fan, model KBS-5270



3.0 Product Photographs

Photo 41 - Overall view of Ceiling Fan, model KBS-5226



Photo 42 - Internal view of Ceiling Fan, model KBS-5226



3.0 Product Photographs

Photo 43 - Internal view of Ceiling Fan, model KBS-5226

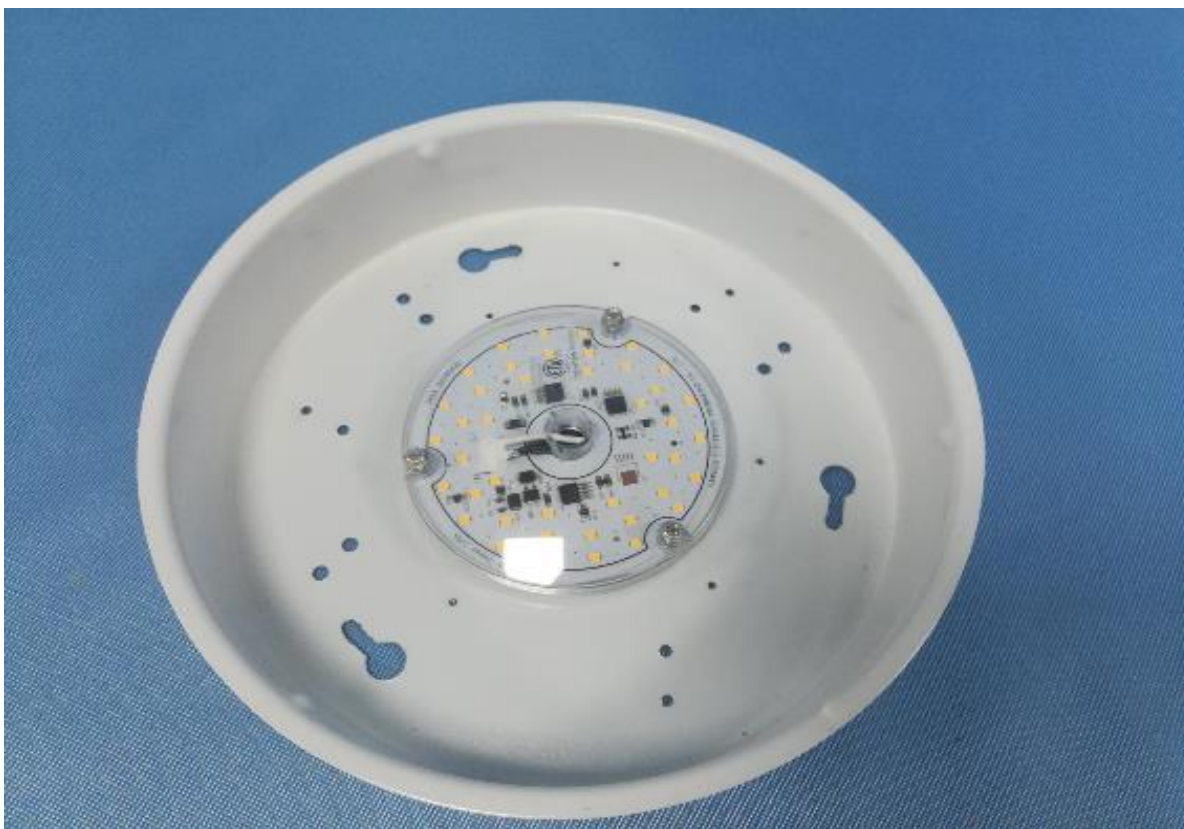
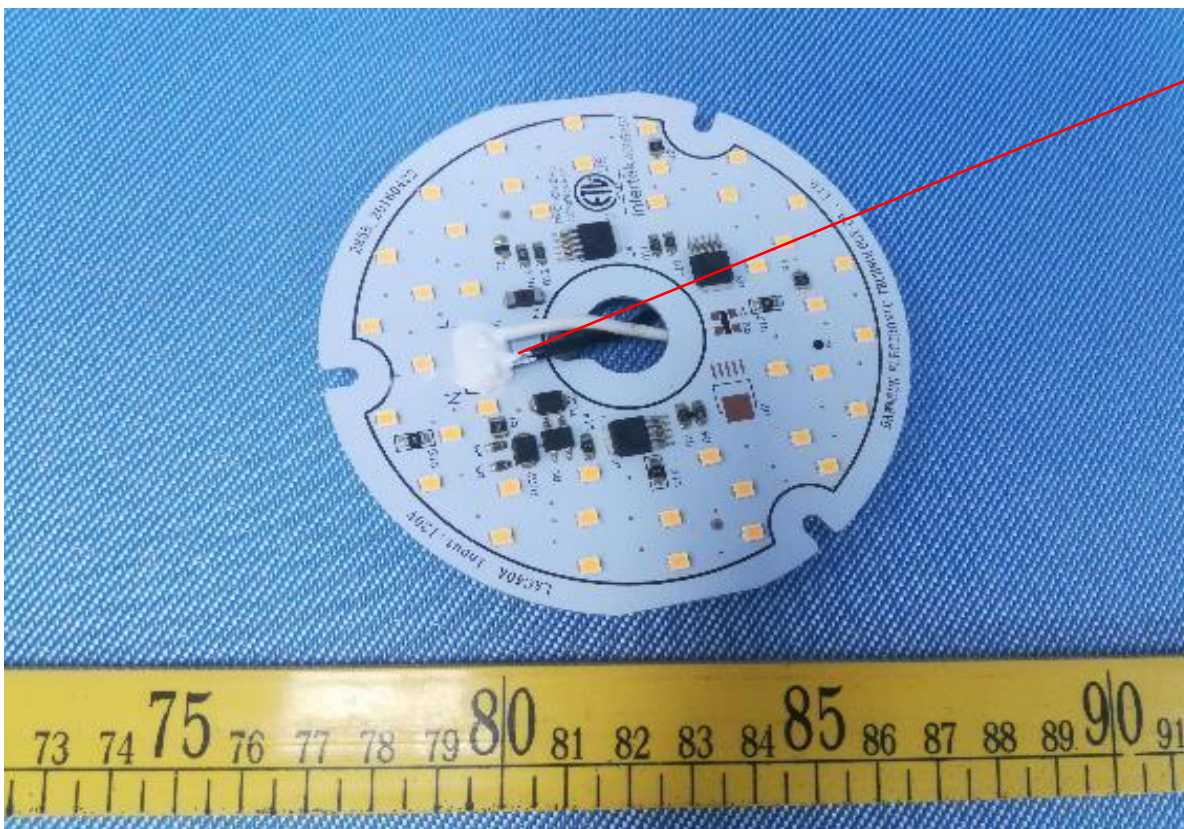


Photo 44 - Internal view of Ceiling Fan, model KBS-5226



3.0 Product Photographs

Photo 45 - Overall view of Ceiling Fan, model KBS-5219.



Photo 46 - Overall view of Ceiling Fan, model KBS-5219.



3.0 Product Photographs

Photo 47 - Internal view of Ceiling Fan, model KBS-5219.

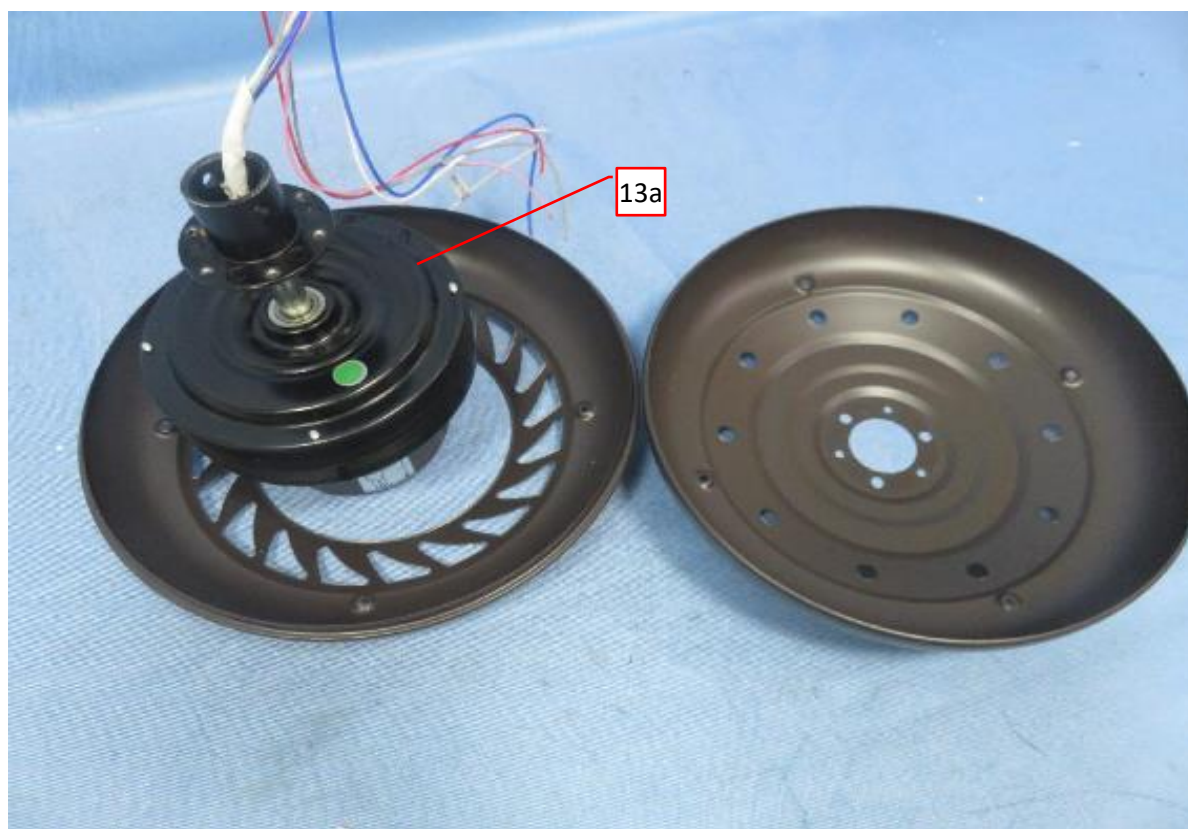
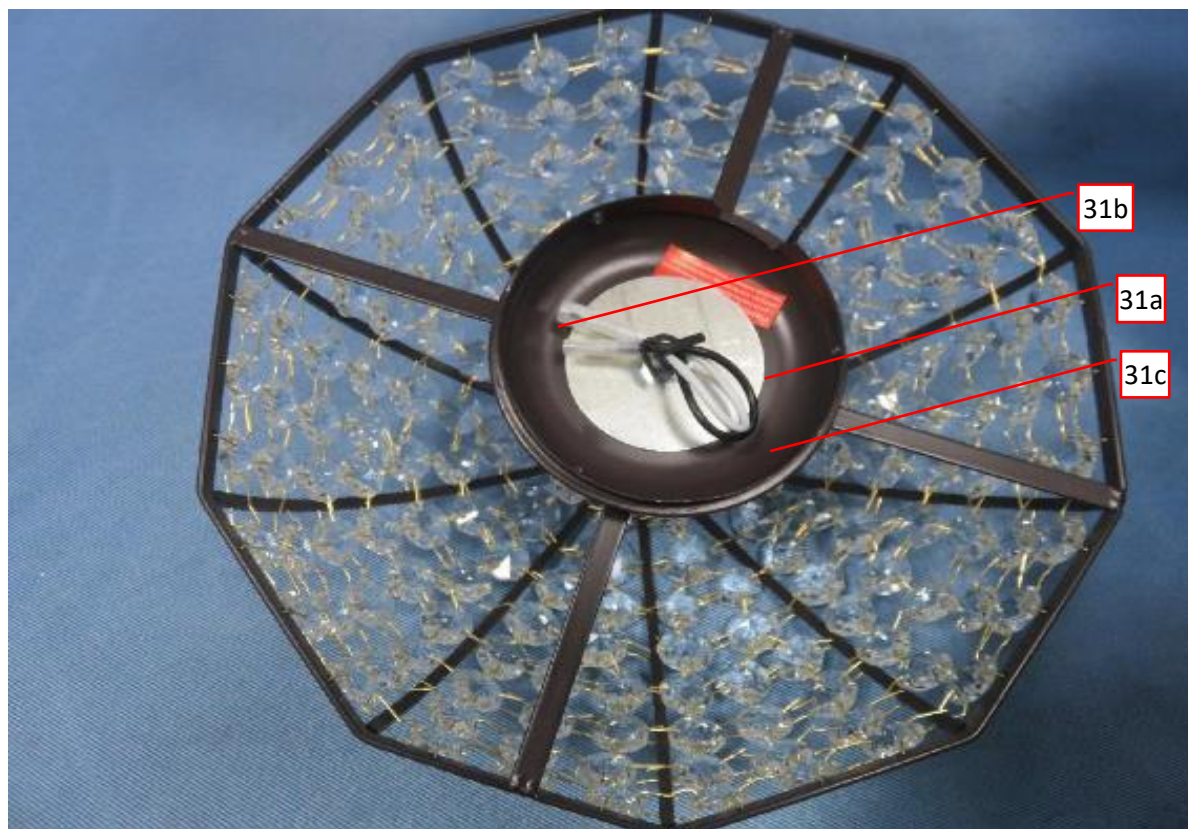


Photo 48 - Internal view of Ceiling Fan, model KBS-5219.



3.0 Product Photographs

Photo 48a - Internal view of Ceiling Fan, model KBS-5219.



Photo 49 - Internal view of Ceiling Fan, model KBS-5219.

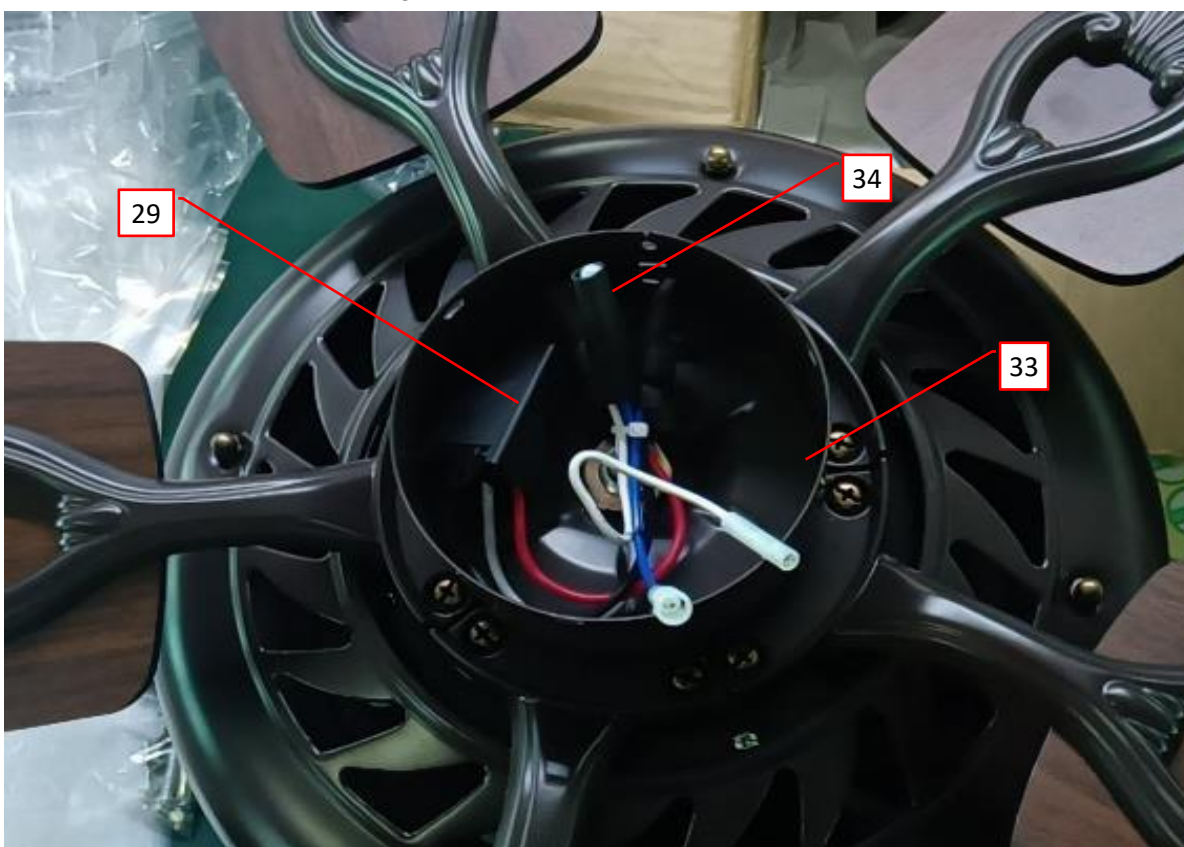


3.0 Product Photographs

Photo 49a - Internal view of Ceiling Fan, model KBS-5219.



Photo 50 - Internal view of Ceiling Fan, model KBS-5219.

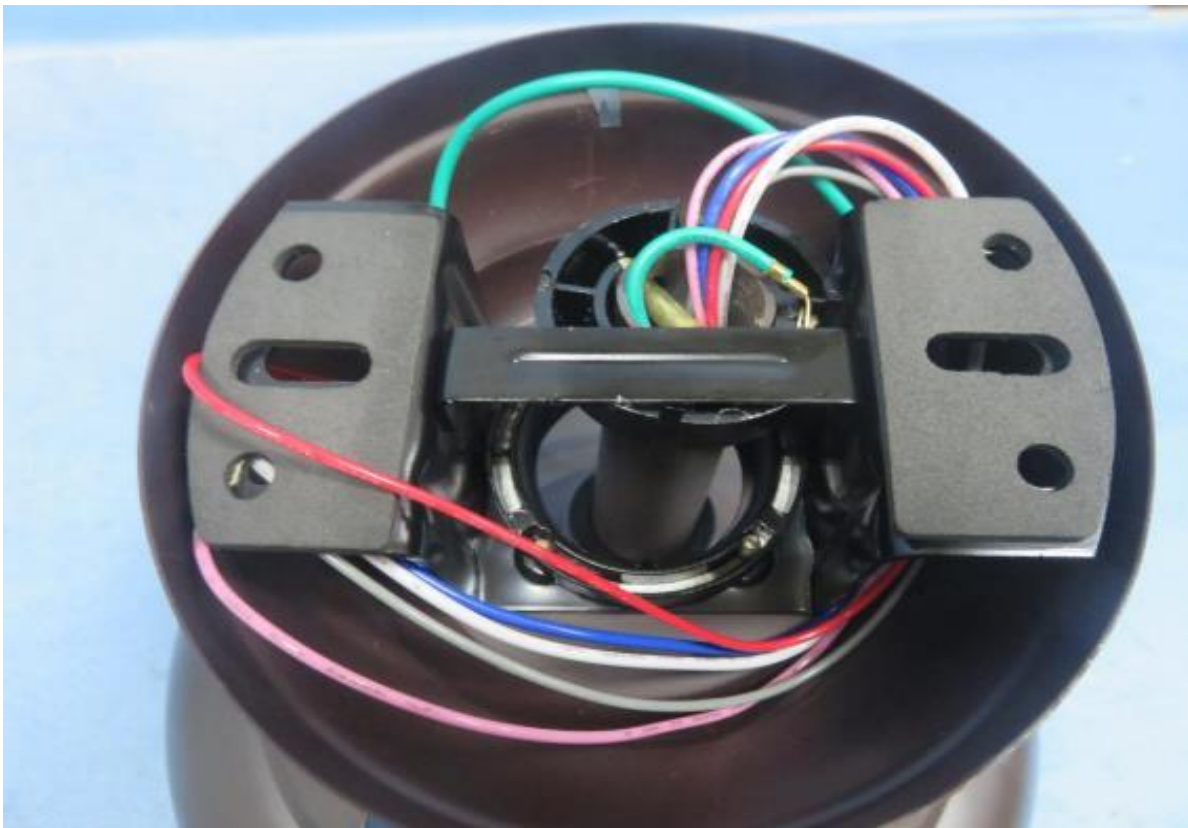


3.0 Product Photographs

Photo 51 - Internal view of Ceiling Fan, model KBS-5219.



Photo 52 - Internal view of Ceiling Fan, model KBS-5219.



3.0 Product Photographs

Photo 53 - Overall view of Ceiling Fan, model KBS-6005.



Photo 54 - Overall view of Ceiling Fan, model KBS-6005.

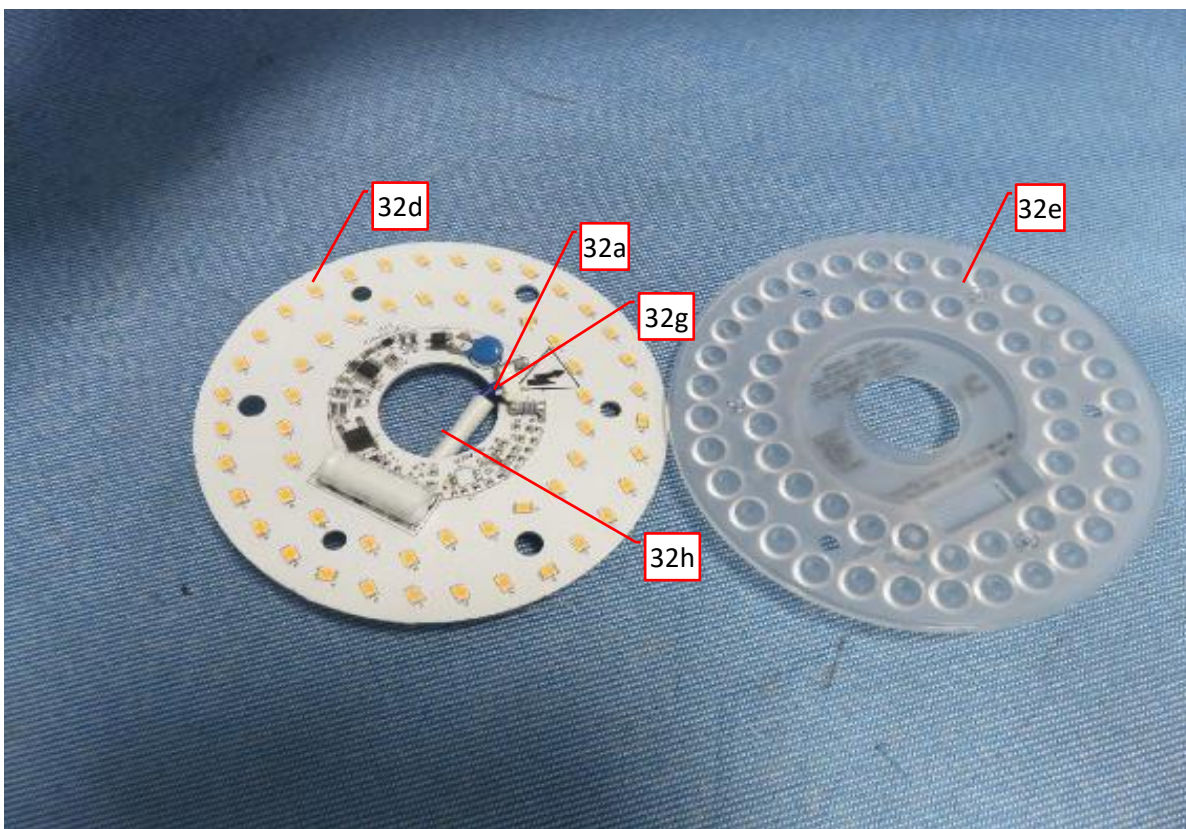


3.0 Product Photographs

Photo 55 - Internal view of Ceiling Fan, model KBS-6005.



Photo 56 - Internal view of Ceiling Fan, model KBS-6005.



3.0 Product Photographs

Photo 57 - Internal view of Ceiling Fan, model KBS-6005.



Photo 58 - Internal view of Ceiling Fan, model KBS-6005.

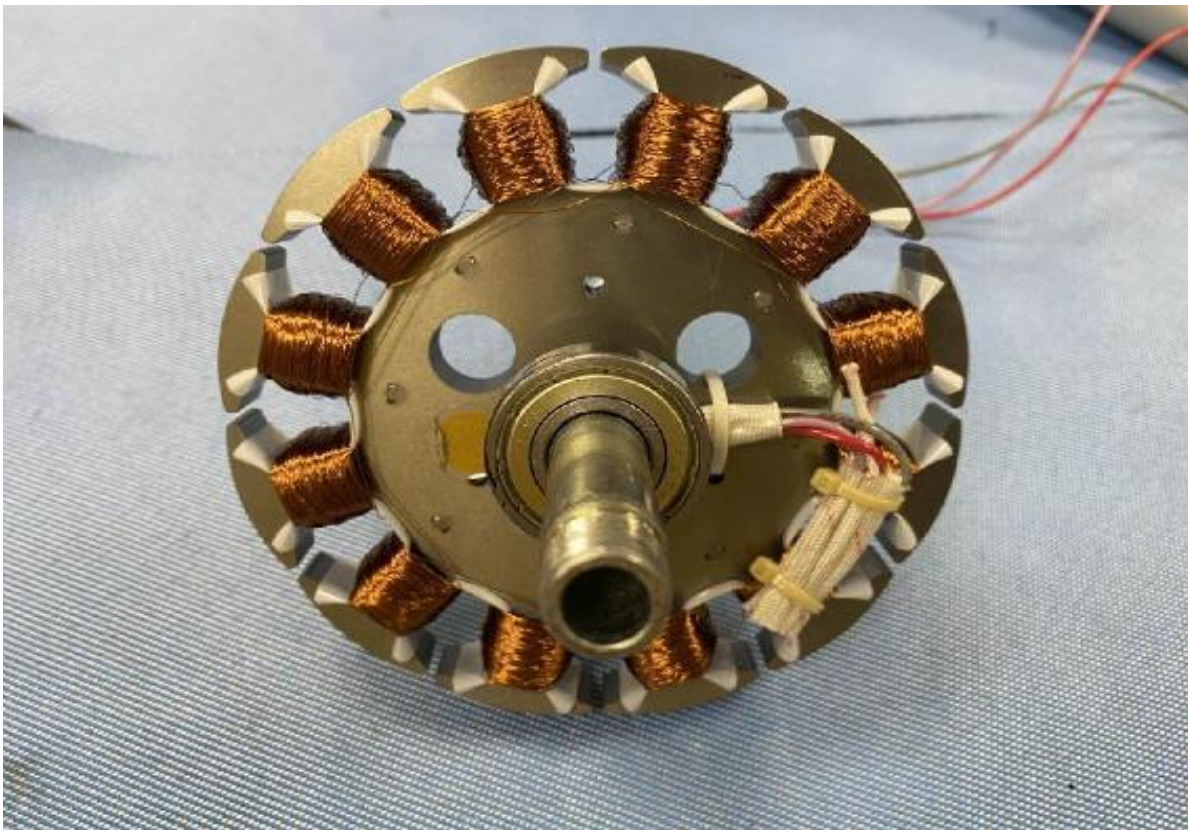


3.0 Product Photographs

Photo 59 - Internal view of Ceiling Fan, model KBS-6005.



Photo 60 - Internal view of Ceiling Fan, models KBS-5219, KBS-6005.



3.0 Product Photographs

Photo 61 - Internal view of Ceiling Fan, models KBS-5219, KBS-6005.

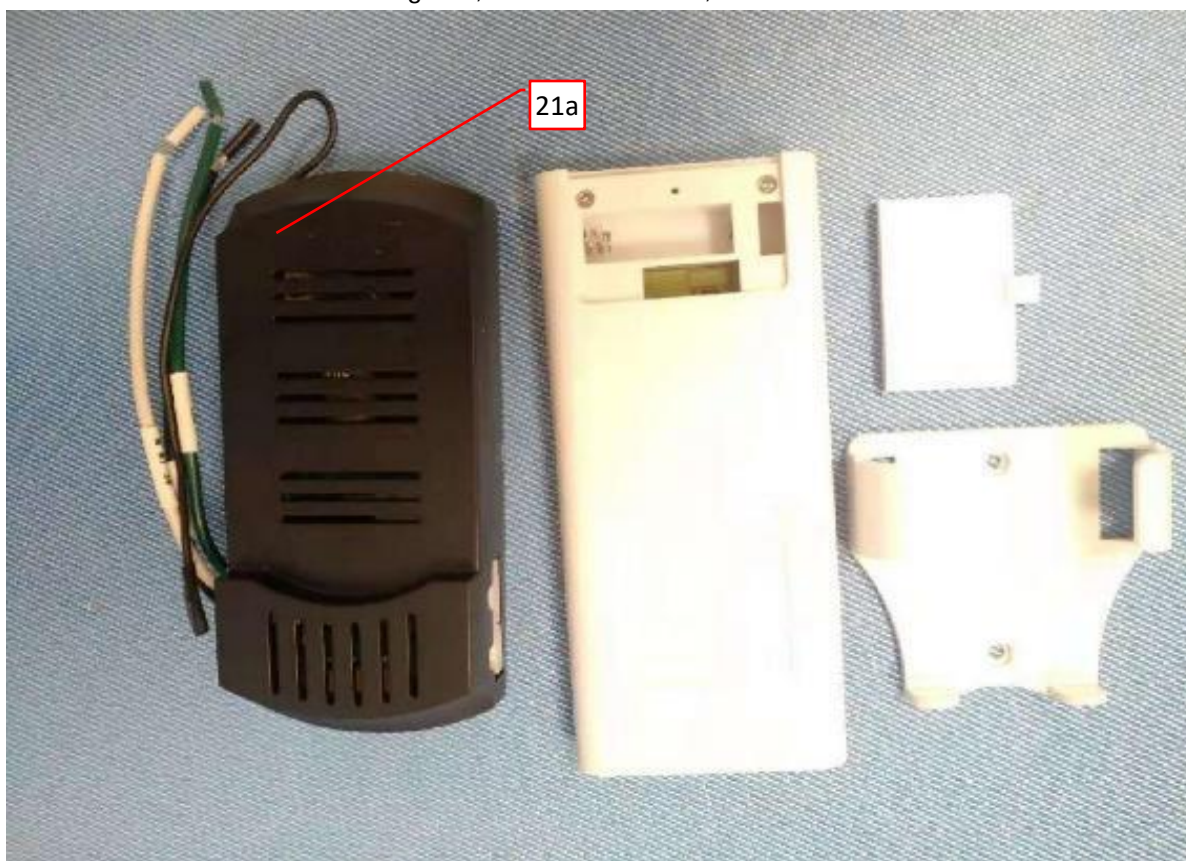


Photo 62 - Internal view of Ceiling Fan, models KBS-5219, KBS-6005.



3.0 Product Photographs

Photo 63 - Internal view of Ceiling Fan, models KBS-5219, KBS-6005.

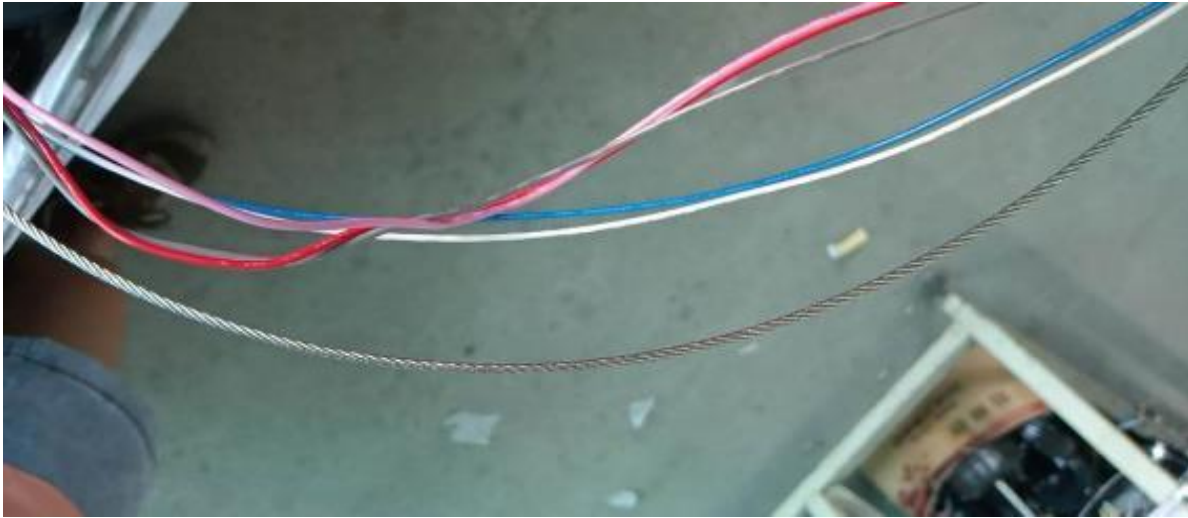


Photo 64 - Overall view of Ceiling Fan, model KBS-52K012.



3.0 Product Photographs

Photo 65 - Overall view of Ceiling Fan, model KBS-52K012.

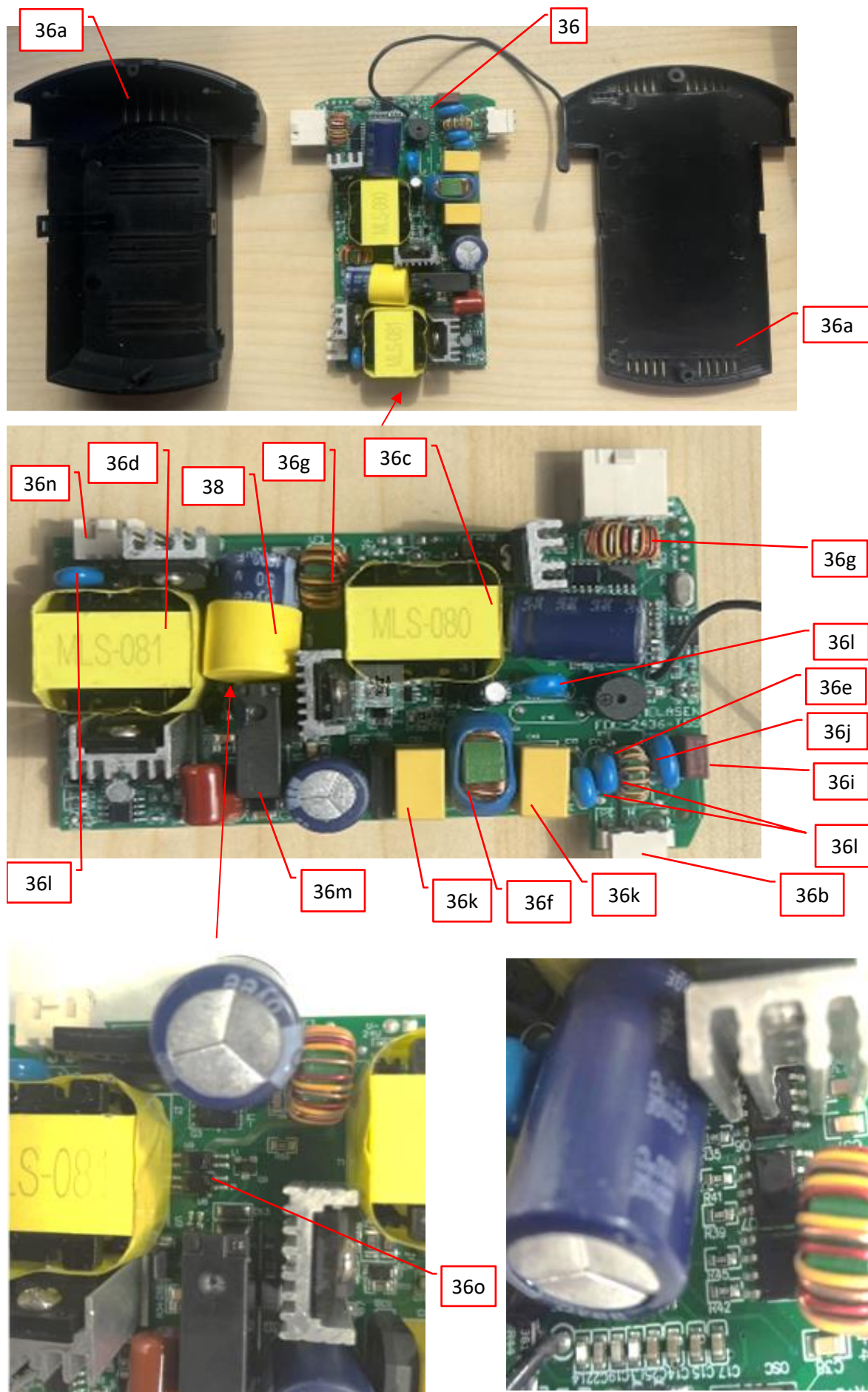


Photo 66 - Overall view of Ceiling Fan, model KBS-52K012.



3.0 Product Photographs

Photo 67 - Internal view of Remote Controller, model FDC-2436.



3.0 Product Photographs

Photo 68 - Internal view of Remote Controller, model FDC-2436.

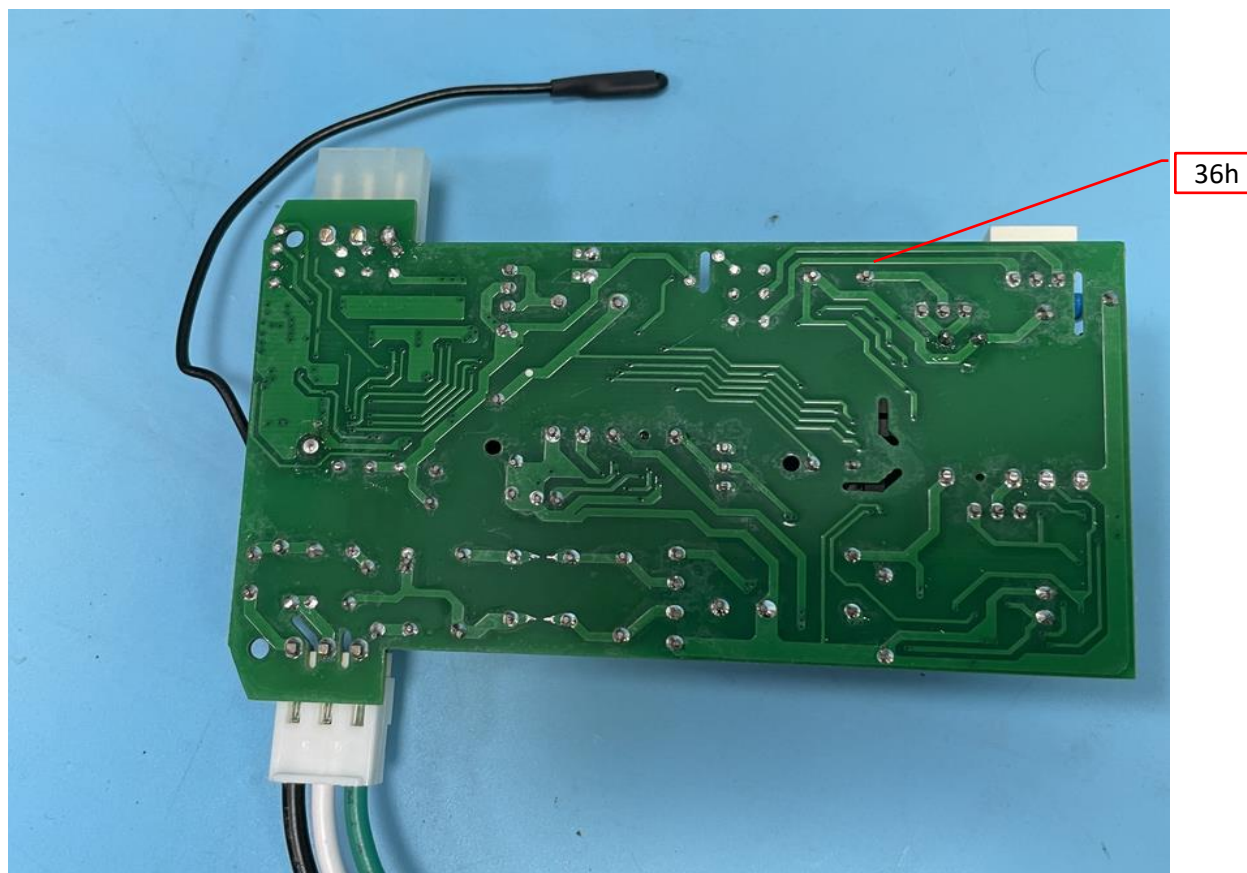
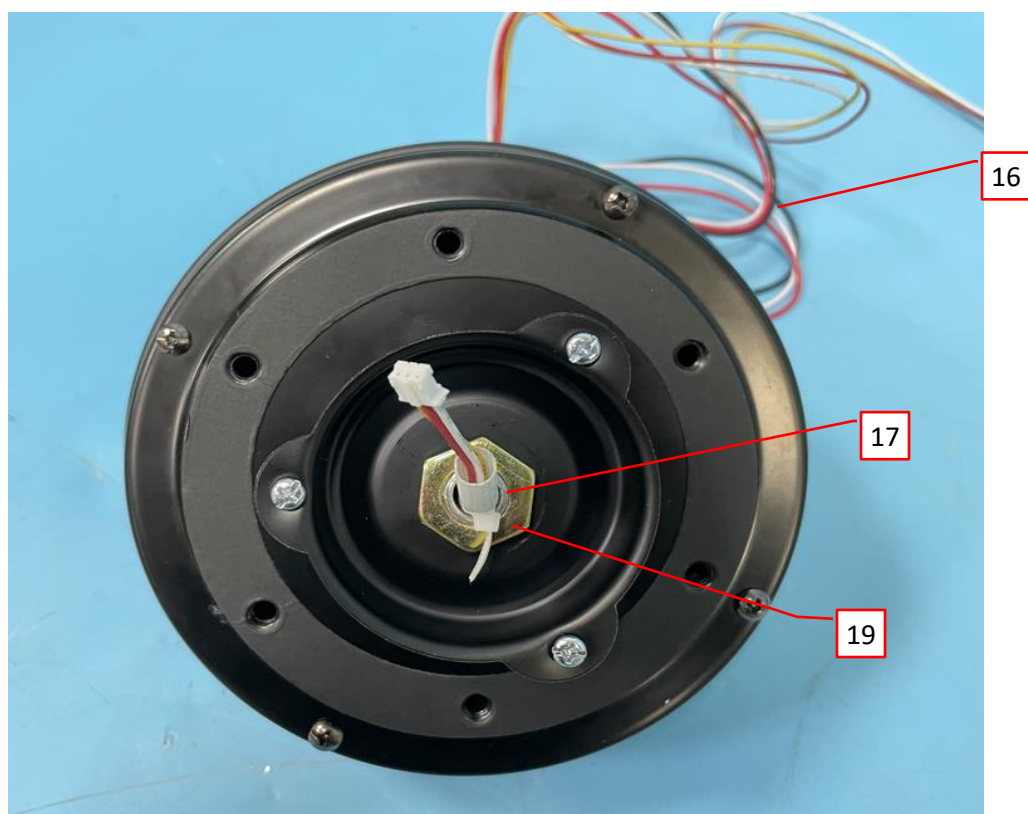


Photo 69 - Internal view of Ceiling Fan, model KBS-52K012.



3.0 Product Photographs

Photo 70 - Internal view of Ceiling Fan, model KBS-52K012.

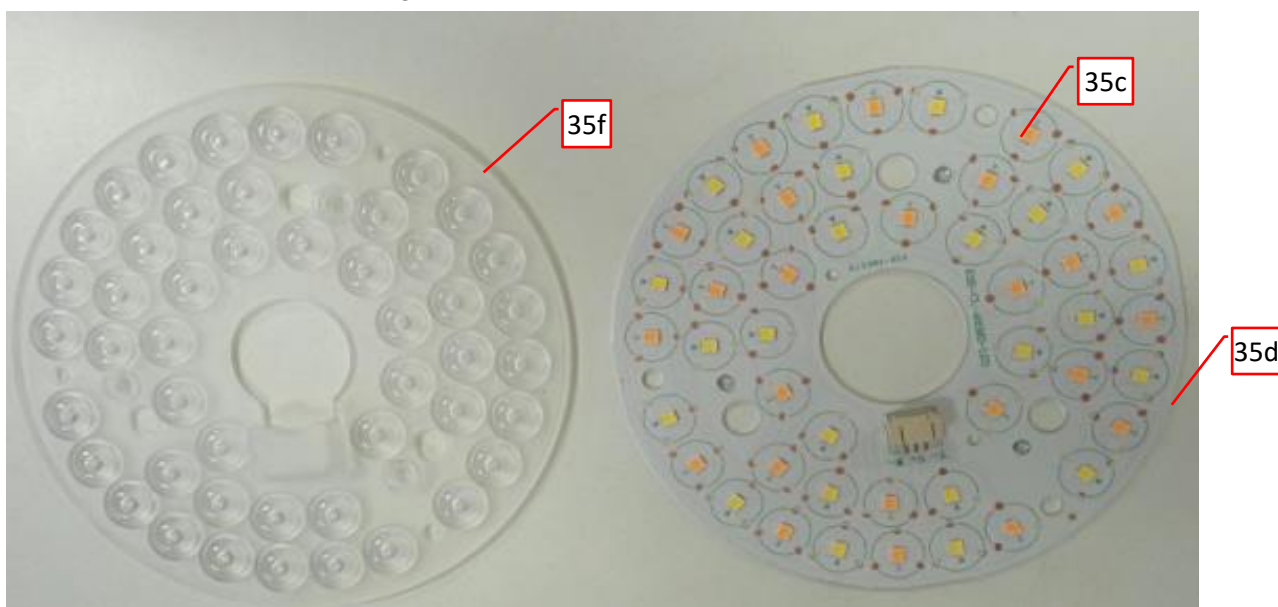
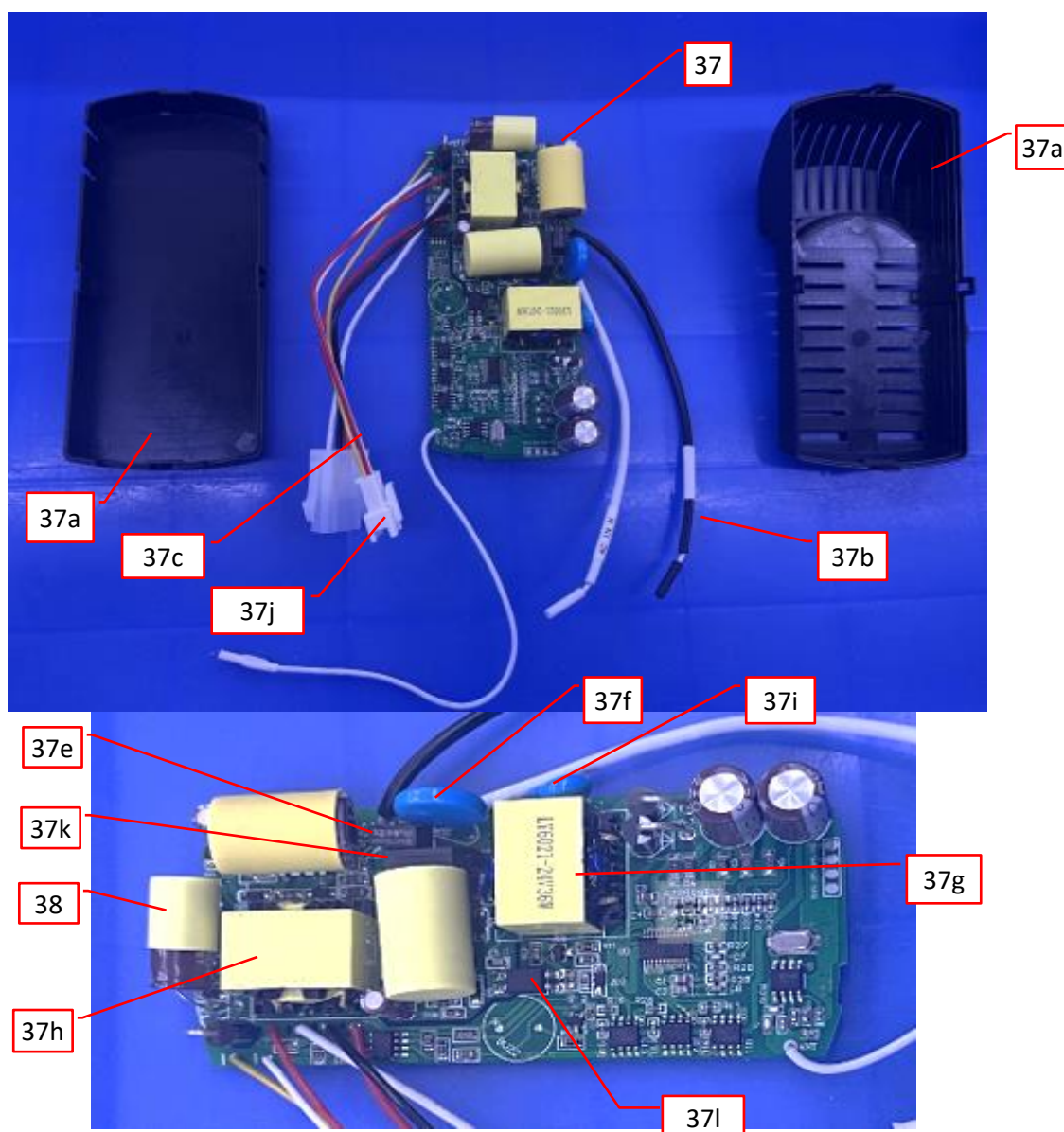


Photo 71 - Internal view of Remote Controller, model RC-R30.



3.0 Product Photographs

Photo 72 - Internal view of Remote Controller, model RC-R30.

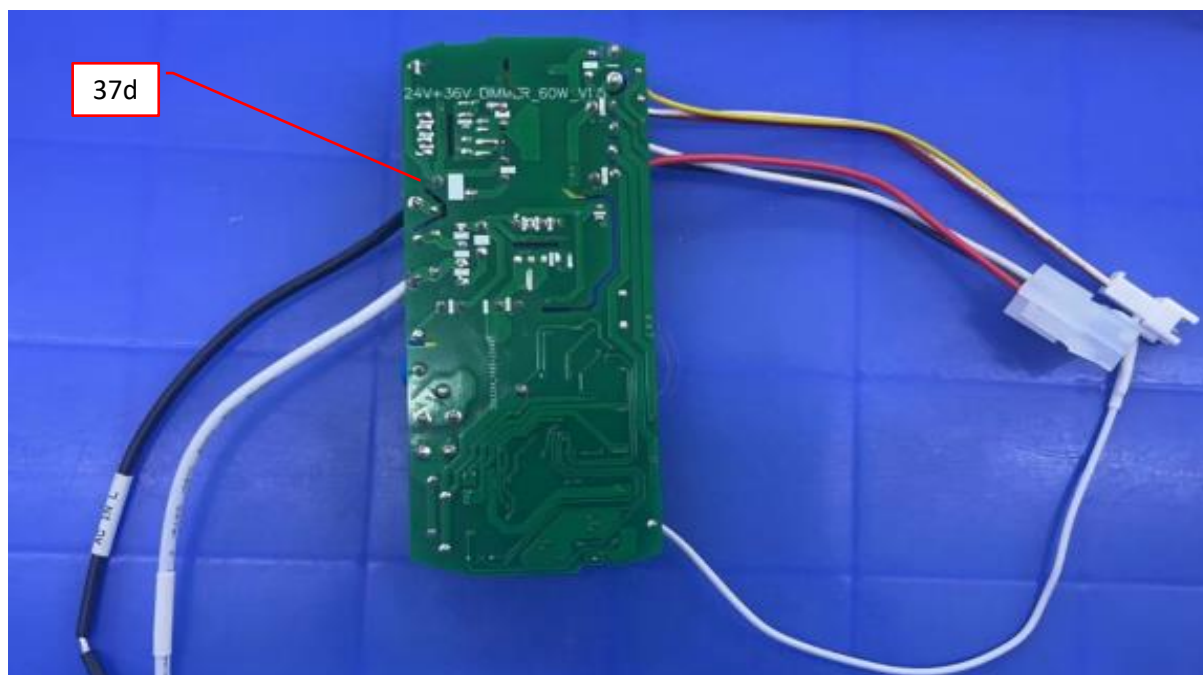


Photo 73 - Internal view of Transformer (T1) model MLS-080

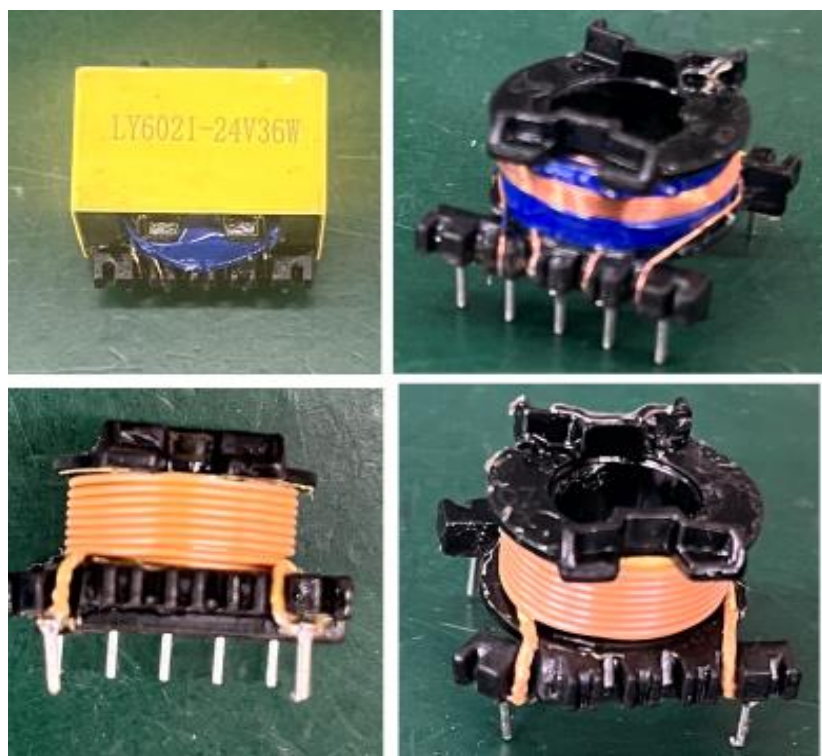


3.0 Product Photographs

Photo 74 - Internal view of Transformer (T2) model MLS-081



Photo 75 - Internal view of Transformer 1 model LY6021-24V36W



3.0 Product Photographs

Photo 76 - Internal view of Transformer 2 model LY6018-24V1.25A

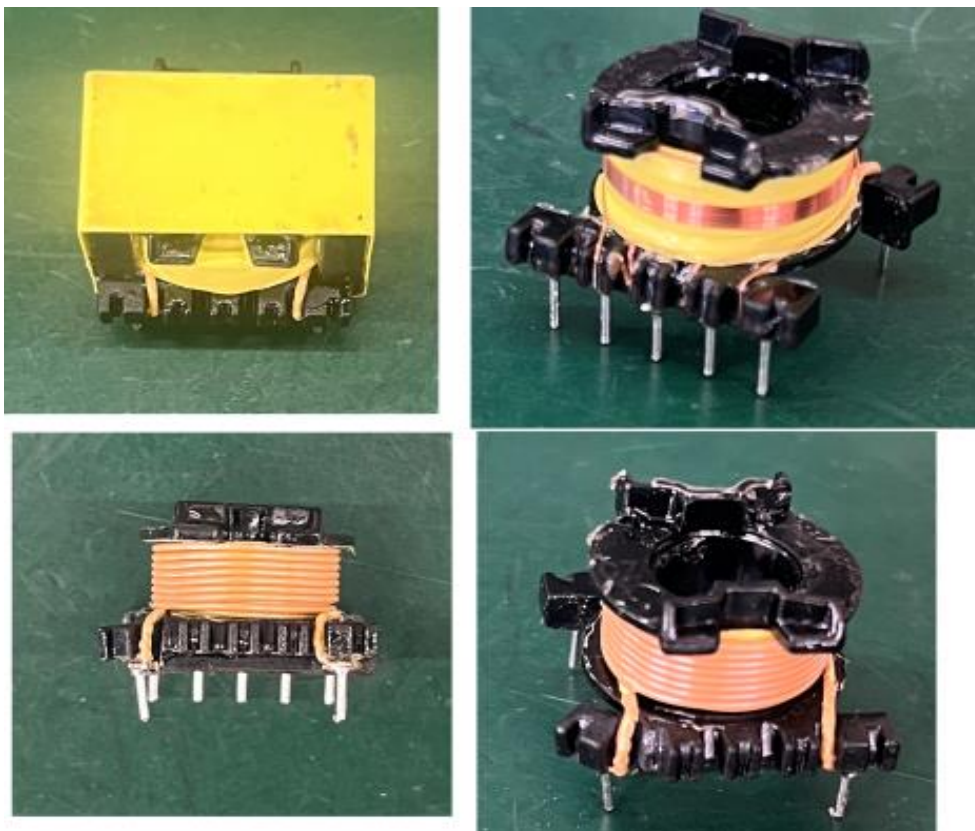
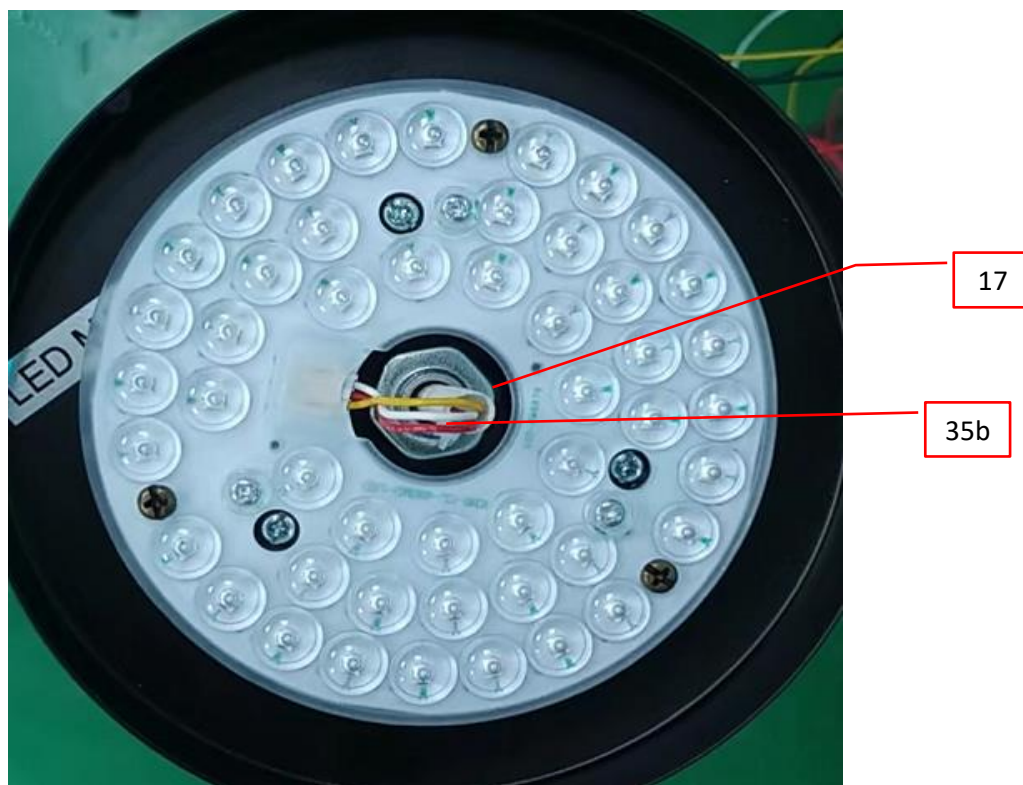


Photo 77 - Internal view of Ceiling Fan, model KBS-52K012.



3.0 Product Photographs

Photo 78 - Internal view of Ceiling Fan, model KBS-52K012.

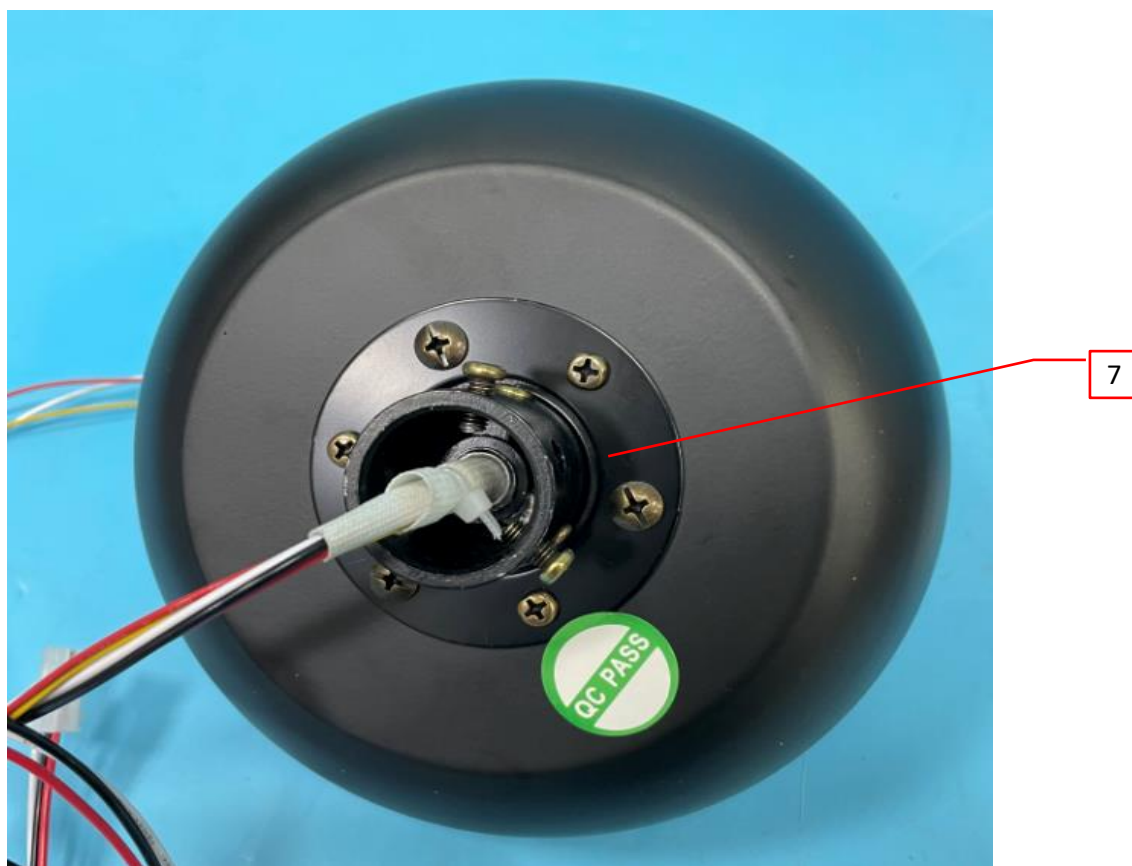


Photo 79 - Internal view of Ceiling Fan, model KBS-52K012.



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
4	1	Secondary Mounting Means	Various	Stainless Steel	Secured to Motor by screws.	NR
1,6 6	2	Mounting Bracket	Various	Painted steel	1.4 mm thick.	NR
1,6 6	3	Canopy	Various	Plated steel	0.7 mm thick.	NR
3,6 6	4	Coupling Cover	Various	Plated steel	0.7 mm thick.	NR
1,6 6	5	Ball Joint	Various	Painted steel	2.5 mm thick.	NR
1,6 6	6	Downrod	Various	Plated steel	1.5 mm thick.	NR
1,7 8	7	Downrod Holder	Various	Painted steel	5 mm thick.	NR
1	8	Upper Enclosure	Various	Plated steel	0.7 mm thick.	NR
3	9	Down Enclosure	Various	Plated steel	1.2 mm thick.	NR
3,6 6	10	Blade	CHI MEI CORPORATION	PC, type PC-110(+)	Rated 94V-2, 105°C, 1.5mm thick. Minimum thickness of edges of blades: 5mm For models except KBS-5270, KBS-5219, KBS-6005	cURus
			Various	Wood	Thickness of edges of blades: 5mm. (For KBS-5270, KBS-5219)	NR
					Thickness of edges of blades: 10mm. (For KBS-6005)	NR
					Thickness of edges of blades: 10mm. (For KBS-52K012)	NR
31	11	Motor Upper Plate	Various	Plated steel	0.8 mm thick.	NR
31	12	Motor Running Capacitor	Various	Dry metallized-polypropylene film capacitor	Rated 300VAC, 70°C minimum, 4uF. Fixed to Motor Upper Plate (Item 11). For all models except model KBS-5219, KBS-6005, KBS-52K012.	cURus
31	13	Fan Motor	ZHONGSHAN CHAIWANG ELECTRIC APPLIANCE LIMITED	CW1531514	Rated 120V, 60Hz. No load speed 430rpm. no load current 0.315A. Class A. For all models except model KBS-5219, KBS-6005, KBS-52K012.	See 5.0
47, 66	13a	Fan Motor	Zhongshan DEJUE ELECTRIC APPLIANCE	153*12	Rated 120VDC. No load speed 470rpm. no load current 0.09A. Class A. For models KBS-5219, KBS-6005, KBS-52K012.	See 5.0
19, 20	14	Light Kit Assembly	Various	450	Consist of the following parts:	NR
19, 20	14a	Light Pan	Various	Painted steel	0.8 mm thick.	NR
19, 20	14b	Lamp Shade	Various	Painted steel	1.0 mm thick.	NR
19, 20	14c	Lead wire	Various	AWM	Rated 600V, 105°C, #18AWG.	cURus
19, 20	14d	LED	KASON INDUSTRIES IN	2835	Rated 27V, 0.5W, 8pcs.	NR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
19, 20	14e	LED Driver	KASON INDUSTRIES INC	18UD010004850	Class 2 Suitable for damp location Tc=90C Input: 100-277VAC, 50/60Hz, 50W. Output: 24-40VDC, 32W, 1000mA Input wire: 18AWG, 105°C, VW-1 Output wire: 22AWG, 105°C, VW-1 (For models KBS-Y4216, KBS-Y4295, KBS-Y4298, KBS-Y4240, KBS-Y4299, KBS-Y4297)	cURus
19, 20	14f	LED cover	CHI MEI CORPORATION	PC, type PC-110N(a)	Rated 94V-0, HWI=3, HAI=1, 115°C, 1.5mm thick. Secured to PCB holder by stick.	cURus
19, 20	14g	PCB Holder	Various	Painted steel	1.4 mm thick.	NR
19, 20	14h	PCB	Various	Single layer metal base printed wiring boards	Rated 94V-0, 130°C	cURus
19, 20	14i	Wire connector	Various	Connectors	Rated 300V, 85°C. Suitable for #16-26AWG lead wire.	cURus
19, 20	14j	stick	GUANGZHOU BAIYUN CHEMICAL INDUSTRY CO LTD	SMG533	Rated 94-HB, 105°C, 2.0 mm minimum thick.	cURus
29, 30	15	Light Kit Assembly	Various	350	120V, 60Hz, 36W. Consist of the following parts:	NR
29, 30	15a	Light Pan	Various	Painted steel	0.8 mm thick.	NR
29, 30	15b	Lead wire	Various	AWM	Rated 300V, 200°C, #18AWG.	cURus
29, 30	15c	LED	GUANG DIAN	GD-D300-V1	Rated 9V, 1W.	NR
29, 30	15d	PCB	Various	Single layer metal base printed wiring boards	Rated 94V-0, 130°C, CTI=0 complied UL798.	cURus
29, 30	15e	Lamp shade	KINGFA SCI & TECH CO LTD	PVC, type VSLOY-PM	Rated 94-5VA, HWI=1, HAI=0, 95°C, 2.0mm thick.	cURus
29, 30	15f	Fuse	AEM COMPINENTS (SUZHOU) CO LTD	MF2410F	Rated 250V, 2A, size: 6.1x2.49x2.16	cURus
29, 30	15g	Q1	Various	Thyristor	Rated 600V, 2A.	NR
29, 30	15h	Q2	Various	Thyristor	Rated 600V, 2A.	NR
29, 30	15i	LED cover (Potting compound)	LG Chem (Guangzhou) Engineering Plastics Co Ltd	PC, type LUPOY GN-1009F(m)	Rated 94V-0, 80°C, HWI=2, HAI=2, 0.75mm minimum thick.	cURus
31, 69	16	Internal wire	Various	AWM	Rated 600V, 105°C, #18AWG.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
31, 69, 77	17	Fiberglass sleeving	Various	Grade A silicone coated fiberglass sleeving	Rated 600V, 200°C, VW-1.	cURus
31	18	Close End Connector	Various	Splicing wire connectors	Rated 300V, 105°C, Suitable for #10-22AWG lead wire.	cURus
31, 69	19	Cable Tie	Various	Nonmetallic Cable Ties	Rated 85°C minimum	cURus
1, 68	20	Label (Not Shown)	Various	Pressure-sensitive printed labels	Rated 125°C. Suitable for stainless steel surface. Affixed to Upper Enclosure.	UR
33	21	Remote control	FEGO PRECISION INDUSTRIAL CO LTD	RL142	Input: 120V, 60Hz Fan: 0.8A max; Light: 300W max For models except KBS-5270, KBS-5219, KBS-6005, KBS-52K012.	cURus
61	21a	Remote control	SHENZHEN FUNPOWER GENERAL TECHNOLOGY CO., LTD	FC880RS-BW	Input: 120V, 60Hz Motor load max.: 65W; Lamp load: 140W MAX. For models KBS-6005 and KBS-5219.	cETLus
34, 68	22	Field Wiring Connector	Various	Splicing wire connectors	Rated 600V, 105°C. Suitable for #10-22AWG lead wire.	cURus
1, 66	23	Grounding Wire	Various	AWM	Rated 600V, 105°C, #18AWG. Secured to Mounting Bracket by a minimum 4.8mm diameter screw with lock washer.	cURus
43, 44	24	Light Kit Assembly	Various	5226	Consist of the following parts: (For model KBS-5226)	NR
43, 44	24a	Lead wire for lamp	Various	AWM	Rated 300V, 105°C, 18AWG.	cURus
43, 44	24b	Wire Connector	Various	Connector	Rated 250V, 5A, 85°C minimum. Suitable for wire size #18-24AWG. For connection of light kit.	UR
43, 44	24c	Light Kit Bracket	Various	Painted steel	1mm thick.	NR
43, 44	24d	LED Module	DawnSun Electronic Technology Co., Ltd Zhongshan	LAC40A	120V, 60Hz, 0.17A	cETLus
43, 44	24e	LED Cover	CHI MEI CORPORATION	ABS, type PA-765A(+)	Rated 94-5VA, HWI=3, HAI=0, 85°C, 2.5mm thick minimum.	cURus
43, 44	24f	Glass Shade	Various	Glass	1.5mm thick.	NR
43, 44	24g	Glue	GUANGZHOU BAIYUN CHEMICAL INDUSTRY CO LTD	RTV, type SMG533	Rated 94-HB, 105°C.	cURus
40	25	Light Kit Assembly	Various	5270	Consist of the following parts: (For model KBS-5270)	NR
40	25a	Lead wire for lamp	Various	AWM	Rated 300V, 105°C, 18AWG.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
40	25b	Wire Connector	Various	Connector	Rated 250V, 5A, 85°C minimum. Suitable for wire size #18-24AWG. For connection of light kit.	UR
40	25c	Lamp Shade Bracket	Various	Plated Steel	1mm thick.	NR
40	25d	Lamp Shade	CHI MEI CORPORATION	PC, type PC-110N(a)	Rated 94V-0, HWI=3, HAI=1, 115°C, 1.5mm thick. Secured to PCB holder by stick.	cURus
40	25e	Lamp Holder Bracket (3 provided)	Various	Plated Steel	1.5mm thick.	NR
40	25f	Lamp Holder (3 provided)	ZHONGSHAN GAOJIE LIGHTING FITTINGS FACTORY	GJ-1201	Type E12. Rated 125V, 75W	cULus
40	25g	Relamping Marking Label (Not shown)	Various	Pressure-sensitive printed labels	Rated 150°C minimum. Suitable for plated steel surface, comply with UL969. Affixed to Lampholder (Item 25f)	cURus
39	26	Speed Switch	ZING EAR ENTERPRISE CO LTD	ZE-268S6	(For model KBS-5270) Rated 125V, 6A, 105°C.	cURus
39	27	Reverse Switch	ZING EAR ENTERPRISE CO LTD	ZE-209-22	(For model KBS-5270) Rated 125V, 6A, 105°C.	cURus
39	28	Light Switch	ZING EAR ENTERPRISE CO LTD	ZE-109	(For model KBS-5270) Rated 125V, 6A, 105°C.	cURus
39	29	Power Limiter	ZING EAR ENTERPRISE CO LTD	WLD-07-R3	(For models KBS-5270, KBS-5219) Rated 120V, 60Hz, 190W, max temp. 85°C.	cURus
41	30	Blade Arm (5 provided)	Various	Aluminum	(For model KBS-5270) 4mm thick.	NR
					(For model KBS-5219) 5mm thick.	NR
49	31	Light Kit Assembly	Various	5219	Consist of the following parts: (For model KBS-5219)	NR
48	31a	Lead wire for lamp	Various	AWM	Rated 600V, 105°C minimum, #18AWG.	cURus
48	31b	Wire Connector	Various	Connector	Rated 250V, 5A, 85°C minimum. Suitable for wire size #18-24AWG. For connection of light kit.	cURus
48	31c	Lamp Shade Bracket	Various	Plated Steel	1.0mm thick.	NR
49	31d	Lamp Holder Bracket	Various	Plated Steel	1.0mm thick.	NR
49	31e	Lamp Holder	Various	Various	3 x Type E26. Phenolic body, Rated 250V, 660W	cULus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
49	31f	Relamping Marking Label (Not Shown)	Various	Pressure-sensitive printed labels	Rated 150°C minimum. Suitable for phenolic surface, comply with UL969. Affixed to Lampholder.	cURus
49	31g	Lamp Shade	Various	Plated Steel	Plated Steel frame, min. 4mm thick with glass decorative part.	NR
48a	31h	Fiberglass sleeving	Various	Grade A silicone-coated fiberglass sleeving	Rated 600V, 200°C minimum.	cURus
55	32	Light Kit Assembly	Melassen ELECTRONICS CO., LTD	M120-20W-DIM	Consist of the following parts: (For model KBS-6005)	NR
56	32a	Lead wire for lamp	Various	AWM	Rated 300V, 105°C minimum, #18AWG.	cURus
57	32b	Wire Connector	Various	Connector	Rated 250V, 5A, 85°C minimum. Suitable for wire size #18-24AWG. For connection of light kit.	cURus
55	32c	Light Kit Bracket	Various	Painted steel	0.8mm thick.	NR
56	32d	LED Module	MELASEN ELECTRONICS CO., LTD	T120-18W-DIM	Rated Input: 120V, 60Hz, 0.16A, 18W.	cETLus (Recognized)
56	32e	LED Cover	CHI MEI CORPORATION	ABS, type PA-765A(+)	Rated 94-5VA, HWI=3, HAI=0, 85°C, 2.5mm thick minimum.	cURus
55	32f	Glass Shade	Various	Glass	3mm thick.	NR
56	32g	Glue	Various	RTV	Rated 94-HB, 105°C.	cURus
56	32h	Fiberglass sleeving	Various	Grade A silicone-coated fiberglass sleeving	Rated 600V, 200°C minimum.	cURus
50	33	Wiring Compartment	Various	Plated Steel	0.6mm thick. (For models KBS-5219, KBS-5270)	NR
50	34	Heat Shrinkable Tube	Various	Heat Shrinkable Tube	Rated 600V, 125°C minimum, VW-1. (For model KBS-5219)	cURus
70	35	Light Kit Assembly	Zhongshan Xingxin Photoelectric Technology Co.,	KBS-CL-48SMD-LED-125MM	DC36V, 18W. Consist of the following parts: (For model KBS-52K012)	NR
66	35a	Light Pan	Various	Painted steel	0.8 mm thick.	NR
77	35b	Lead wire	Various	Various	Rated min. 300V, min. 200°C, #22AWG min.	cURus
70	35c	LED	Various	Various	Rated 120mA, 8.8-9.7Vdc.	NR
70	35d	LED PCB	Various	Single layer metal-based printed wiring boards	Rated 94V-0, min 130°C, CTI≤4, complied UL796.	UR
66	35e	Lamp shade	CHI MEI CORPORATION	PC, type PC-110N(f1)(a)	Rated 94V-0, HWI=3, HAI=1, 115°C, 1.5mm thick.	cURus
70	35f	LED cover	CHI MEI CORPORATION	ABS, type PA-765A	Rated 94-5VA, HWI=3, HAI=0, min. 80°C, 2.5mm thick minimum.	cURus
67	36	Remote Controller / LED Driver	Melassen Electronics Co., Ltd.	FDC-2436	Input: AC120V, 60Hz. Output ratings: 36VDC, 18W max. (Light, LVLE); 35W max (motor)	See 5.0

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
67	36a	Driver Cover	CHI MEI CORPORATION	PC-110(+)	PC, Rated 94V-2, PC, 105°C, 1.5mm thick minimum. Secured by screws.	cURus
67	36b	Connector for input	Various	Various	Rated 250VAC, min. 5A, min. 85°C.	cURus
67	36c	Transformer (T1)	Zhongshan Jisheng Electronics Ltd	MLS-080	550uH. Input: AC120V, 60Hz. Output ratings: Rated 24VDC, 35W max(motor) 36VDC, 35W max.(light). Refer to illustration 5 for detail construction. Consisted of components item 36c1-36c6.	NR
67, 73	36c 1	Bobbin of T1	Various	Phenolic Molding Compound (PMC)	Rated min. 94V-1, HWI≤2, HAI=0, 150°C, 1.0mm thick minimum.	UR
67, 73	36c 2	Primary winding of T1	Various	Polyurethane coated or Modified Polyester coated copper wire	Rated 155°C minimum.	UR
67, 73	36c 3	Secondary winding of T1	Various	Triple Insulated Wire, Reinforced insulation wire	Rated 130°C minimum.	UR
67, 73	36c 4	PTFE Tubing of T1	Various	Not heat shrinkable PTFE (Polytetrafluoroe	Rated min. 150V, min. 200°C, VW-1.	UR
67, 73	36c 5	Insulating Tape of T1	Various	PET films with acrylic adhesive	Rated 130°C minimum.	UR
67, 73	36c 6	Varnish of T1	Various	Various	Rated 130°C minimum.	UR
67	36d	Transformer (T2)	Zhongshan Jisheng Electronics Ltd.	MLS-081	640uH. Input: AC120V, 60Hz. Output ratings: Rated 24VDC, 35W max(motor) 36VDC, 35W max.(light). Refer to illustration 6 for detail construction. Consisted of components item 36d1-36d6.	NR
67, 74	36d 1	Bobbin of T2	Various	Phenolic Molding Compound (PMC)	Rated min. 94V-1, HWI≤2, HAI=0, 150°C, 1.0mm thick minimum.	UR
67, 74	36d 2	Primary winding of T2	Various	Polyurethane coated or Modified Polyester coated copper wire	Rated 155°C minimum.	UR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
67, 74	36d 3	Secondary winding of T2	Various	Triple Insulated Wire, Reinforced insulation wire	Rated 130°C minimum.	UR
67, 74	36d 4	PTFE Tubing of T2	Various	Not heat shrinkable PTFE (Polytetrafluoroe	Rated min. 150V, min. 200°C, VW-1.	UR
67, 74	36d 5	Insulating Tape of T2	Various	PET films with acrylic adhesive	Rated 130°C minimum.	UR
67, 74	36d 6	Varnish of T2	Various	Various	Rated 130°C minimum.	UR
67	36e	Inductor (LF1)	Various	Various	1mH. Refer to illustration 10, 10a or 10b for detail construction. Consisted of components item 36e1-36e2.	NR
67	36e 1	Magnet Wire of LF1	Various	Polyurethane coated copper wire	(L1), Rated 155°C minimum.	UR
67	36e 2	Triple Insulated Wire of LF1	Various	Triple Insulated Wire, Reinforced insulation wire	(L2), Rated 130°C minimum.	UR
67	36f	Inductor (LF2)	Various	Various	50mH. Refer to illustration 11 or 11a for detail construction. Consisted of components item 36f1-36f3.	NR
67	36f1	Bobbin of LF2	Various	Phenolic Molding Compound (PMC)	Rated 94V-0, HWI=0, HAI=0, 150°C, 1.0mm thick minimum.	cURus
67	36f2	Magnet Wire of LF2	Various	Polyurethane coated copper wire	Rated 130°C minimum.	UR
67	36f3	Heat shrinkable tube of LF2	Various	Various	Min. 300V, min. 125°C, VW-1.	cURus
67	36g	Inductor (LF3, LF4)	Various	Various	1mH. Refer to illustration 12 or 13 for detail construction. Consisted of components item 36g1-36g2.	NR
67	36g 1	Magnet Wire of LF3, LF4	Various	Polyurethane coated copper wire	Rated 130°C minimum. Winding: N1: 0.5mm in diameter, 9 turns, N3: 0.5mm in diameter, 9 turns.	UR
67	36g 2	Triple Insulated Wire of LF3, LF4	Various	Polyurethane coated copper wire	Rated 130°C minimum. Winding: N2: 0.5mm in diameter, 9 turns.	UR
68	36h	PCB	Various	Multilayer printed wiring boards	Rated 94V-0, 130°C minimum, meets UL796 DSR. 1.2mm thick. CTI≤3.	UR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
67	36i	Current Fuse (F1)	LITTELFUSE INC	392	Rated 250VAC, T5A.	cURus
			DONGGUAN HONGDA ELECTRONIC TECHNOLOGY CO LTD	2009	Rated 250VAC, T5A.	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	Rated 250VAC, T5A.	cURus
67	36j	Varistor (VR1)	Various	Various	Type 5, rated min. 300Vac, min. 85°C.	cURus
67	36k	X2 Capacitor (CX1, CX2)	Various	Various	X2 type, min. 275Vac, 0.22-0.68μF, min. 110°C.	cURus
67	36l	Y Capacitor (CY1, CY2, CY4, CY5, CY6)	Various	Various	Y1 type, min. 250Vac, 2200-4700pF, min. 85°C.	cURus
67	36m	Relay / Motor Controllers (JK1)	XIAMEN HONGFA ELECTROACOU	HF46F24-HS1	250VAC, 5A, 85°C.	cURus
			Sanyou Corporation Limited	SRB-S-124DM2	277Vac, min. 3A, 105°C.	cURus
67	36n	Connector for LED output	Various	Various	Rated 250VAC, 5A, min. 85°C.	cURus
67	36o	Octocoupler (U7, U8, U9)	Various	Various	Double protection optical isolators, providing 3750 Vac isolation, min. 110°C.	cURus
71	37	Remote Controller / LED Driver	SAN SHENG (ZHONGSHAN) ELECTRONIC TECHNOLOGY CO., LTD	RC-R30	Input: 120V, 60Hz. Output ratings: 36VDC, 18W max. (Light, LVLE); 35W max (motor).	See 5.0
71	37a	Driver Cover	CHI MEI CORPORATION	PC-540(Y)(a)	PC/ABS, rated 94V-0, HWI=3, HAI=3, 80°C, 1.5mm thick minimum.	cURus
71	37b	Input wire	Various	Various	Rated min. 300V, min. 105°C, 18AWG.	cURus
71	37c	Output wire for LED	Various	Various	Rated min. 300V, min. 200°C, min. 22AWG.	cURus
72	37d	PCB	Various	Multilayer printed wiring boards	Rated 94V-0, 130°C minimum, meets UL796 DSR. 1.2mm thick. CTI≤4.	UR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
71	37e	Current Fuse (F1)	Dongguan Luoyi Electronic Technology Co Ltd	SAT	250VAC, 5A, 8.5mm x 4mm x 8mm.	cURus
			Dongguan Luoyi Electronic Technology Co Ltd	SBT	250VAC, 5A, 8.5mm x 4mm x 8mm.	cURus
			DONGGUAN CHEVRON ELECTRONIC TECHNOLOGY CO LTD	SET	250VAC, 5A, 8.4mm x 7.5mm x 4mm.	cULus
			SHENZHEN LANSON ELECTRONICS CO LTD	SMT	250VAC, 5A, 8.4mm x 4mm x 7.7mm.	cULus
71	37f	Varistor (MOV1)	Various	Various	Type 5, rated min. 130Vac, min. 85°C.	cURus
71	37g	Transformer 1	Foshan Xinzhiba Electronic Co., Ltd.	LY6021-24V36W	1mH. Input: AC120V, 60Hz. Output ratings: Rated 24VDC, 35W max(motor) 36VDC, 30W max.(light). Refer to illustration 7 for detail construction. Consisted of components item 37g1-37g6.	NR
71, 75	37g 1	Bobbin of Transformer 1	Various	Phenolic Molding Compound (PMC)	Rated 94V-0, HWI=0, HAI=0, 150°C, 1.0mm thick minimum.	cURus
71, 75	37g 2	Primary winding of Transformer 1	Various	Polyurethane coated copper wire	Rated 155°C minimum.	UR
71, 75	37g 3	Secondary winding of Transformer 1	Various	Triple Insulated Wire, Reinforced insulation wire	Rated 155°C minimum.	UR
71, 75	37g 4	Insulating Tape of Transformer 1	Various	PET film with Acrylic adhesive	Rated 130°C minimum.	UR
71, 75	37g 5	PTFE Tubing of Transformer 1	Various	Polytetrafluoroethylene (PTFE) tubing	Rated min. 150V, 200°C minimum.	cURus
71, 75	37g 6	Varnish of T1	Various	Various	Rated 130°C minimum.	UR
71	37h	Transformer 2	Foshan Xinzhiba Electronic Co., Ltd.	LY6018-24V1.25A	1mH. Input: AC120V, 60Hz. Output ratings: Rated 24VDC, 35W max(motor) 36VDC, 30W max.(light). Refer to illustration 8 for detail construction. Consisted of components item 37h1-37h6.	NR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
71, 76	37h 1	Bobbin of Transformer 2	Various	Phenolic Molding Compound (PMC)	Rated 94V-0, HWI=0, HAI=0, 150°C, 1.0mm thick minimum.	cURus
71, 76	37h 2	Primary winding of Transformer 2	Various	Polyurethane coated copper wire	Rated 155°C minimum.	UR
71, 76	37h 3	Secondary winding of Transformer 2	Various	Triple Insulated Wire, Reinforced insulation wire	Rated 155°C minimum.	UR
71, 76	37h 4	Insulating Tape of Transformer 2	Various	PET film with Acrylic adhesive	Rated 130°C minimum.	UR
71, 76	37h 5	PTFE Tubing of Transformer 2	Various	Polytetrafluoroethylene (PTFE) tubing	Rated min. 150V, 200°C minimum.	cURus
71, 76	37h 6	Varnish of Transformer 2	Various	Various	Rated 130°C minimum.	UR
71	37i	Y Capacitor (CY1)	Various	Various	Y1 type, min. 250Vac, 2200-4700pF, min. 85°C.	cURus
71	37j	Connector for LED output	Various	Various	Rated 250VAC, min. 3A, min. 85°C.	UR
71	37k	Bridge rectifiers (BD1)	Various	Various	Rated 1000V minimum, 3A minimum, min. 150°C.	UR
71	37l	Optocoupler	Various	Various	Double protection optical isolators at 5000 Vac isolation voltage, min. 110°C.	cURus
67, 71	38	Insulating Tape	Various	PET films with acrylic adhesive	Rated 130°C minimum. Covered the capacitor.	UR

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

INSULATED COIL

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
31	13	Fan Motor	ZHONGSHAN CHAIWANG ELECTRIC APPLIANCE LIMITED	CW1531514
Electrical Rating:		Rated 120V, 60Hz. No load speed 430rpm. no load current 0.315A.		Insulation class A
Component Standard used:		UL1004-1, 2nd Edition, rev. Jun 18, 2015 UL1004-2, 2nd Edition, rev. Feb 6, 2015 CSA C22.2 No. 100, rev. 2014		

MATERIALS LIST (refer to illustration 4 for assembly drawing)

Component	Manufacturer	Type/model	Dimensions/thickness/assembly information
Magnet Winding	Various	Polyester-imide coated copper wire	Rated 130°C minimum. See Winding Resistance for details.
Lead Wire	XIN SHENG TERMINAL MFG LTD	1010	Rated 300V, 105°C, #18AWG.
Slot liner	DUPONT HONGJI FILMS FOSHAN CO LTD	EM	PET. Rated VTM-2, 105°C, 0.188mm thick minimum.
Cable Tie	Various	Cable tie	Rated 120°C minimum.
Fiber Tube	Various	Grade A silicone rubber coated fiberglass sleeving	Rated 600V, 200°C minimum, VW-1. Sleeve on lead wire connections.

WINDING(S) RESISTANCE

Winding Designation	Wire Size (mm ²)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
Main Winding	0.29mm	Polyester-imide coated copper wire	230	NA	NA	78
Auxiliary Winding	0.29mm	Polyester-imide coated copper wire	240	NA	NA	73

VERIFICATION PROCESS

Frequency: Annual	Test Site: CEC	Number of samples to test: 1	
Test Name	Test Parameters		
Winding resistance	See resistance per winding above.		
Dielectric Strength	Apply voltage Between	Test Voltage	Test Time
	Magnet wire and dead metal parts	1000V	60s

5.0 Critical Unlisted CEC Components

INSULATED COIL

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
47, 66	13a	Fan Motor	Zhongshan DEJUE ELECTRIC APPLIANCE Co.,Ltd	153*12
Electrical Rating:		Rated 120VDC. No load speed 470rpm. no load current 0.09A.		Insulation class A
Component Standard used:		UL1004-1, 2nd Edition, rev. Jun 18, 2015 UL1004-2, 2nd Edition, rev. Feb 6, 2015 CSA C22.2 No. 100, rev. 2014		

MATERIALS LIST (refer to illustration 4 for assembly drawing)

Component	Manufacturer	Type/model	Dimensions/thickness/assembly information
Magnet Winding	Various	Polyester-imide coated copper wire	Rated 130°C minimum. See Winding Resistance for details.
Lead Wire	Various	AWM	Rated 300V, 105°C minimum, #18AWG.
Slot liner	DUPONT HONGJI FILMS FOSHAN CO LTD	EM	PET. Rated VTM-2, 105°C, 0.188mm thick minimum.
Cable Tie	Various	Cable tie	Rated 120°C minimum.
Fiber Tube	Various	Grade A silicone rubber coated fiberglass sleeving	Rated 600V, 200°C minimum, VW-1. Sleeve on lead wire connections.

WINDING(S) RESISTANCE

Winding Designation	Wire Size (mm ²)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
Winding (pink - red)	0.19mm	Polyester-imide coated copper wire	440	NA	NA	140
Winding (pink - grey)	0.19mm	Polyester-imide coated copper wire	440	NA	NA	140
Winding (red - grey)	0.19mm	Polyester-imide coated copper wire	440	NA	NA	140

VERIFICATION PROCESS

Frequency: Annual	Test Site: CEC	Number of samples to test: 1	
Test Name	Test Parameters		
Winding resistance	See resistance per winding above.		
Dielectric Strength	Apply voltage Between	Test Voltage	Test Time
	Magnet wire and dead metal parts	1000V	60s

5.0 Critical Unlisted CEC Components

SUBASSEMBLY

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
67	36	Remote Controller / LED Driver	Melasen Electronics Co., Ltd.	FDC-2436
Electrical Rating:		Input: AC120V, 60Hz. Output ratings: 36VDC, 18W max. (Light, LVLE); 35W max. (Motor)		Insulation class NA
Component Standard used:		UL 60730-1:2016 Ed.5 CSA E60730-1:2015 Ed.5 UL 8750:2015 Ed.2+R:07Dec2022 CSA C22.2#250.13:2022 Ed.5		

COMPONENTS LIST (refer to illustration 2c for circuit diagram and illustration 2c1 for PCB layout)

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
67	36a	67	36b	67	36c	67	36d	67	36e
67	36f	67	36g	68	36h	67	36i	67	36j
67	36k	67	36l	67	36m	67	36n	67	36o

VERIFICATION PROCESS

Frequency: Annual	Test Site: CEC	Number of samples to test: 1
Test Name	Test Parameters	
Verify Construction	Per the component descriptions noted above	

SUBASSEMBLY

Photo #	Item no.	Name	Manufacturer/Trademark	Type / model
71	37	Remote Controller / LED Driver	SAN SHENG (ZHONGSHAN) ELECTRONIC TECHNOLOGY CO., LTD	RC-R30
Electrical Rating:		Input: 120V, 60Hz. Output ratings: 36VDC, 18W max. (Light, LVLE); 35W max. (motor).		Insulation class NA
Component Standard used:		UL 60730-1:2016 Ed.5 CSA E60730-1:2015 Ed.5 UL 8750:2015 Ed.2+R:07Dec2022 CSA C22.2#250.13:2022 Ed.5		

COMPONENTS LIST (refer to illustration 2d, 2d1 for circuit diagram and illustration 2d2 for PCB layout)

Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.	Photo #	Item no.
71	37a	71	37b	71	37c	72	37d	71	37e
71	37f	71	37g	71	37h	71	37i	71	37j
71	37k	71	37l						

VERIFICATION PROCESS

Frequency: Annual	Test Site: CEC	Number of samples to test: 1
Test Name	Test Parameters	
Verify Construction	Per the component descriptions noted above	

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. **Spacing** - In primary circuits, 1.6 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 1.6mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits. Refer to Illustration 1 for areas to verify.
2. **Mechanical Assembly** - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. **Corrosion Protection** - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. **Accessibility of Live Parts** - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. **Grounding** - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the equipment grounding terminal.
6. **Internal Wiring** - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets.
7. **Schematics** - Refer to Illustration No. 2, 2a, 2b-2d2 for schematics requiring verification during Field Representative Inspection Audits.
8. **Markings** - The product is by labelling (refer to item 20 of section 4.0) on the Upper Enclosure or Lower Enclosure as follows:
 - brand name
 - model number
 - electrical ratings (e.g. volts, ampere & frequency)
 - date code system, Date Code: 9/2018, 2018 for Year of production, 9 for Month of production.
 - IMPEDANCE-PROTECTED
 - PROTECTION PAR IMPÉDANCE

6.0 Critical Features

9. Cautionary Markings - The following are required: **"CAUTION: To Reduce The Risk Of Injury To Persons, Install At Least 2.1 Meters (7 Feet) Above The Floor."**, **"WARNING: To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked (Acceptable for Fan Support of 15.9 kg (35 lbs) or less) And Use Mounting Screws Provided With The Outlet Box. Most Outlet Boxes Commonly Used For The Support Of Lighting Fixtures Are Not Acceptable For Fan Support And May need To Be Replaced. Consult A Qualified Electrician If In Doubt."**, **"WARNING: To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked (Acceptable for Fan Support of 15.9 kg (35 lbs) or less) And Use Mounting Screws Provided With The Outlet Box Or Support Directly From Building Structure."** **"WARNING: MOUNT ONLY TO AN OUTLET BOX MARKED ACCEPTABLE FOR FAN SUPPORT"**, **"AVERTISSEMENT : ASSEMBLER UNIQUEMENT À UNE BOÎTE DE SORTIE JUGÉE ACCEPTABLE POUR RETENIR UN VENTILATEUR."**

"ATTENTION : Pour réduire le risque de blessures, INSTALLER DE SORTE QUE LES PIÈCES INFÉRIEURES SOIENT À AU MOINS 2.1 MÈTRES AU-DESSUS DU PLANCHER OU DU SOL.",
"AVERTISSEMENT: Pour réduire le risque d'incendie, de choc électrique ou de blessures, le montage doit être effectué sur une boîte de sortie marquée (Acceptable pour l'appui Fan de 15.9 kg (35 lb) ou moins) et les vis de montage fournies avec le Box Outlet. La plupart des boîtes de sortie utilisées pour le soutien des appareils d'éclairage ne sont pas acceptables soutien ventilateurs et doivent être remplacés. Consultez un électricien qualifié en cas de doute.",
 where readily visible during and after installation. Should be in contrast color.
 Refer to Illustration No. 3a, 3b for details.

10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.

"READ AND SAVE THESE INSTRUCTIONS"

"WARNING - To Reduce The Risk Of Personal Injury, Do Not Bend The Blade Brackets When Installing The Brackets, Balancing The Blades, Or Cleaning The Fan. Do Not Insert Foreign Objects In Between Rotating Fan Blades."

"WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount Directly To A Structural Framing Member Or To An Outlet Box Marked "Acceptable for Fan Support of 15.9 kg (35 lbs) or less". For Outlet Box Mounting, Use Mounting Screws Provided With The Outlet Box"

"AVERTISSEMENT - Pour Réduire Les Risques D'incendie, De Choc Électrique Ou De Blessure, Montez-Le Directement Sur Un Élément D'encadrement Structurel Ou Sur Une Boîte De Sortie Marquée «Acceptable Avec Une Assistance Du Ventilateur De 15,9 Kg (35 Lb) Ou Moins». Pour Le Montage Du Boîtier De Sortie, Utilisez Les Vis De Montage Fournies Avec Le Boîtier De Sortie."

or equivalent wordings, which shall be more prominent than the general text used in the manual, booklet or the like.

Note: The words "READ AND SAVE THESE INSTRUCTIONS" and "WARNING": shall be more prominent than the general text but not less than 2.4 mm is height.

11. Carton Marking - A carton (individual marketing container) for the appliance is marked with **"WARNING: To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked (Acceptable for Fan Support of 15.9 kg (35 lbs) or less) And Use Mounting Screws Provided With The Outlet Box. Most Outlet Boxes Commonly Used For The Support Of Lighting Fixtures Are Not Acceptable For Fan Support And May need To Be Replaced. Consult A Qualified Electrician If In Doubt."**, **"WARNING: Risk Of Fire, Electric Shock, Or Personal Injury. The Fan In This Box May Be Either Directly Supported From A Structural Framing Member Of A Building And/Or May Be Mounted To An Outlet Box Marked (Acceptable for Fan Support of 15.9 kg (35 lbs) or less). Most Outlet Boxes Commonly Used For The Support of Luminaires May Not Be Acceptable For Fan Support And May Need To Be Replaces. Consult A Qualified Electrician If In Doubt."** The marking is located on at least one outside surface other than the bottom and appear in lettering not less than 6.4mm high.

12. Transformer - Supplier records must be provided that indicate the received shipment of transformers (Section 4.0, item 36c, 36d, 37g, 37h) was constructed as indicated in illustration 5, 6, 7, 8. These records must be available at the factory for inspection on every received shipment.

13. Logo Dependent Marking - The required marking is not dependent on the specific ETL logo applied to the product as authorized by the Authorization to Mark.

7.0 Illustrations

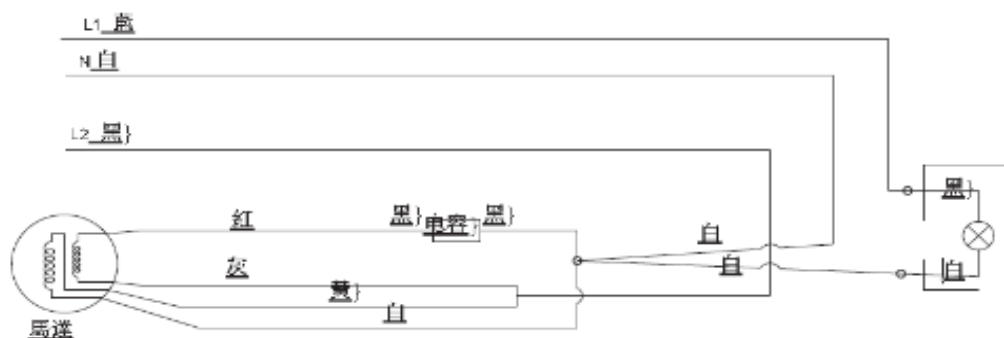
Illustration 1 - Table of version differences per model number.

Points of measurement	Limit
Between motor windings and lamination	≥1.6mm
Between opposite polarity	≥1.6mm
Between live part and accessibel metal part (For lamp only)	≥3.2mm (through air)
	≥6.4mm (over surface)

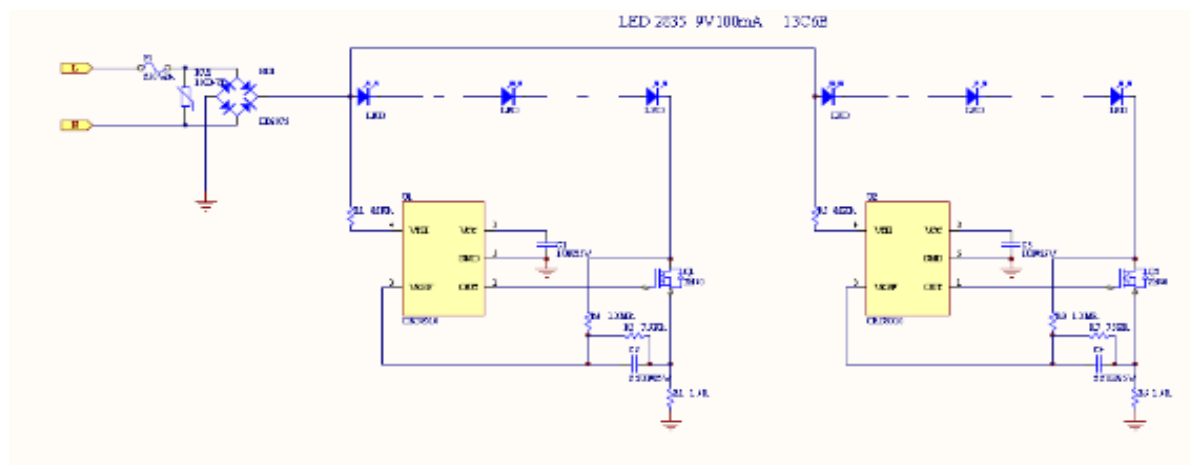
7.0 Illustrations

Illustration 2 - Circuit Diagram

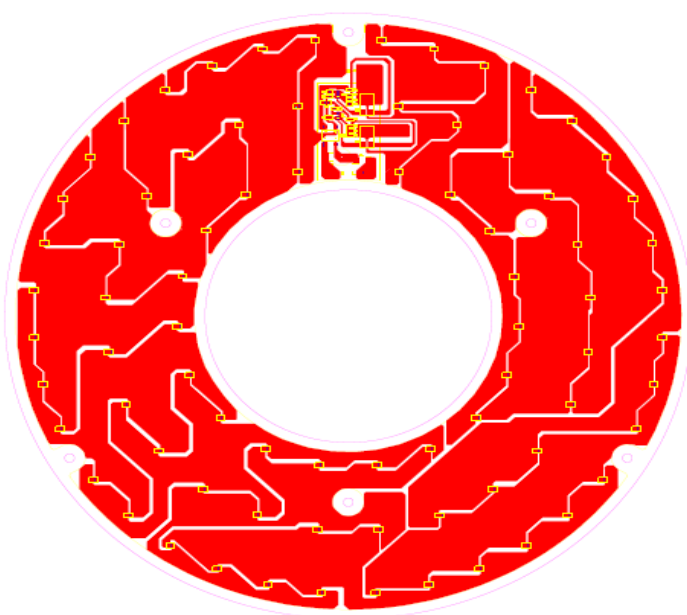
Wiring diagram for models KBS-Y4203, KBS-Y4296, KBS-Y4294, KBS-Y4274, KBS-Y4297, KBS-Y4299, KBS-Y4240, KBS-Y4298, KBS-Y4295, KBS-Y4216, KBS-5226



Circuit Diagram for 350 light kit

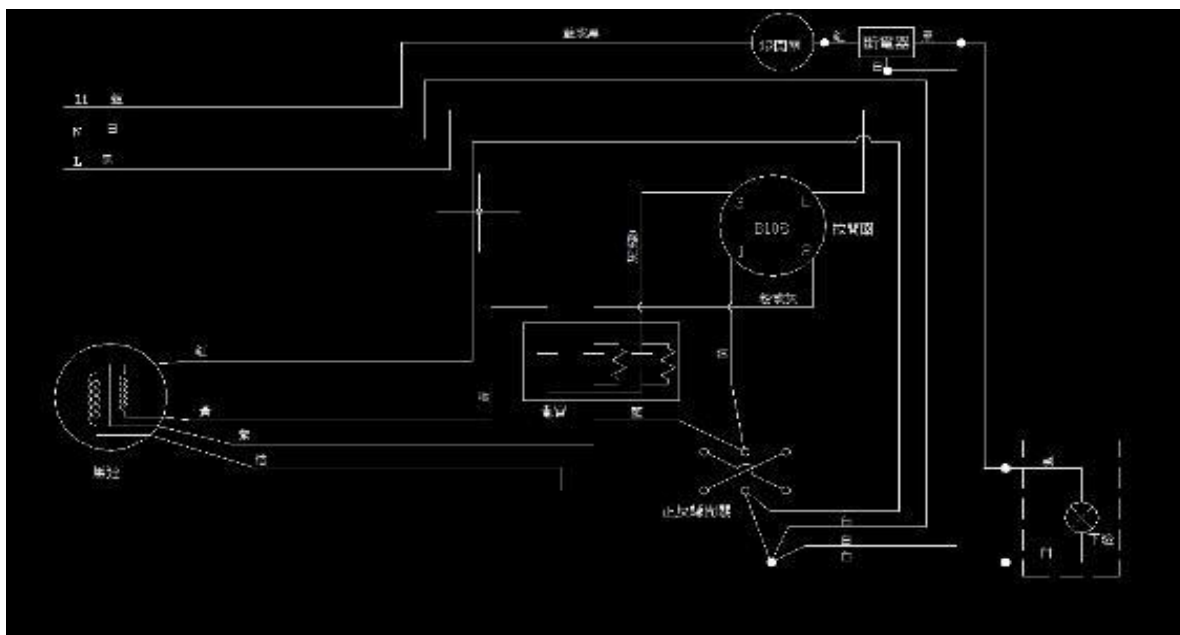


Layout for 350 light kit

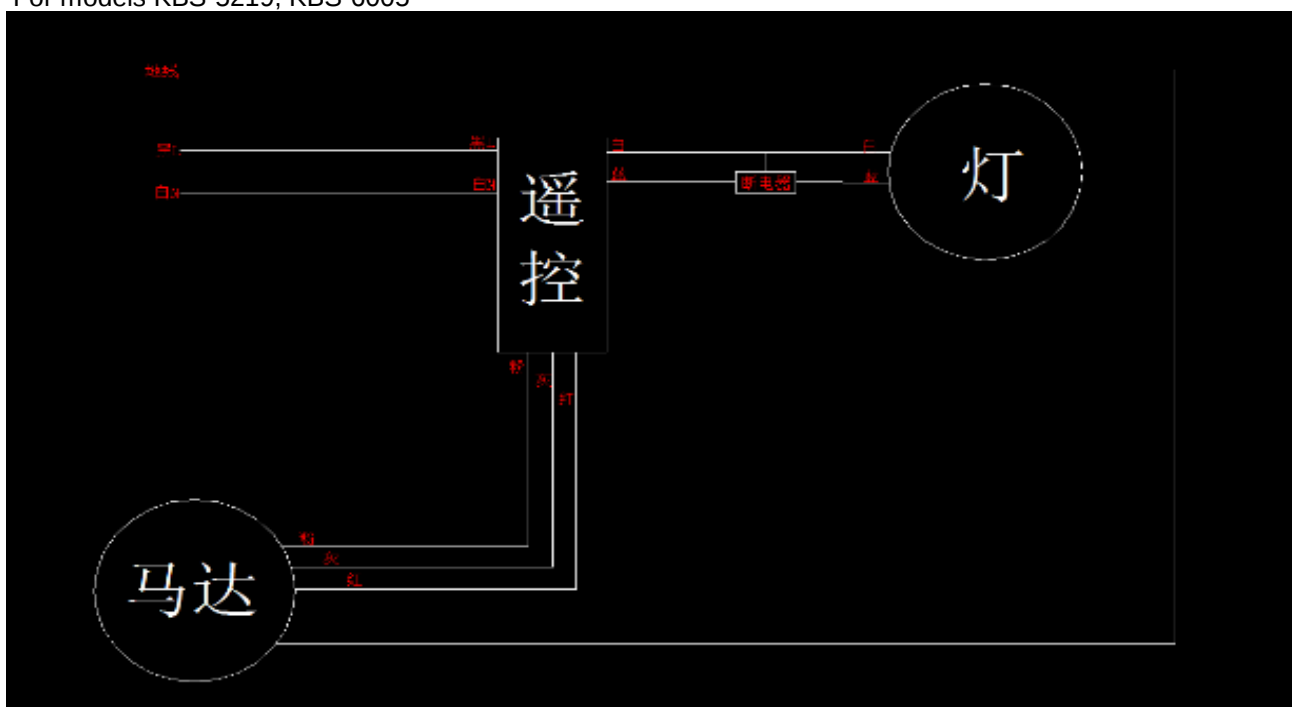


7.0 Illustrations

Illustration 2a - Circuit Diagram
 Wiring diagram for model KBS-5270



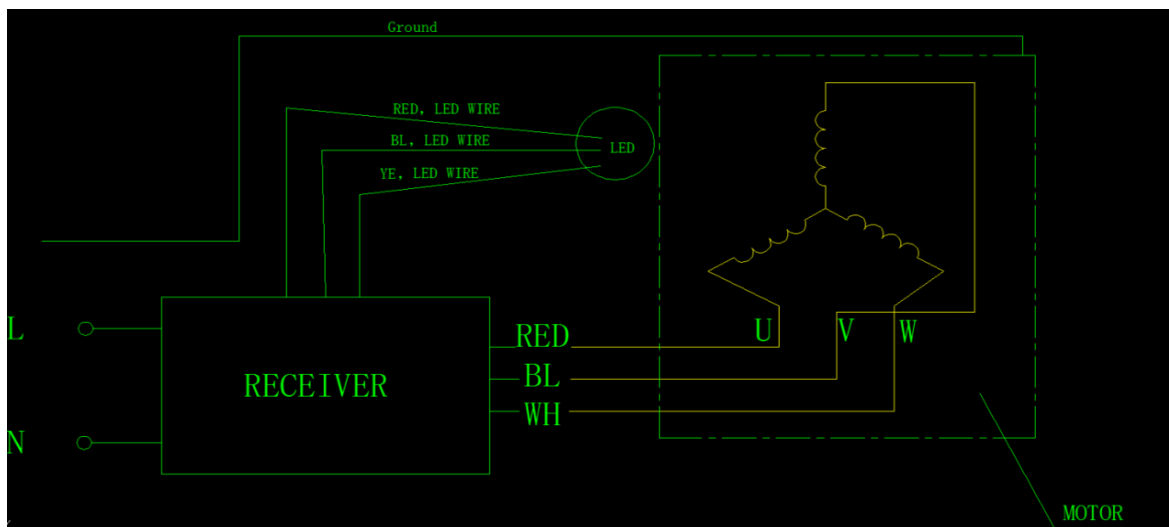
For models KBS-5219, KBS-6005



7.0 Illustrations

Illustration 2b - Circuit Diagram

Wiring diagram for model KBS-52K012



LED for model KBS-CL-48SMD-LED-125MM

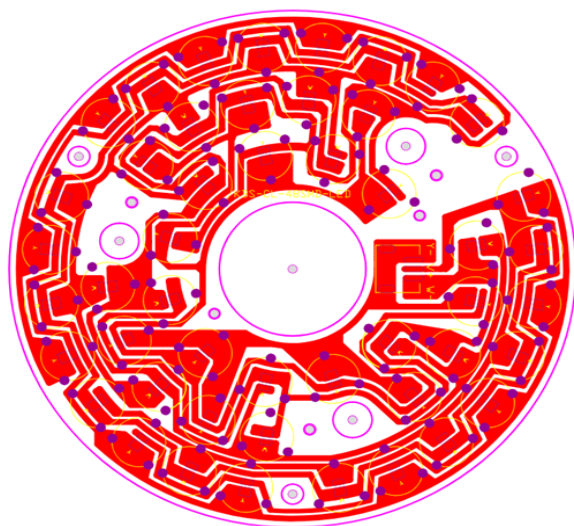
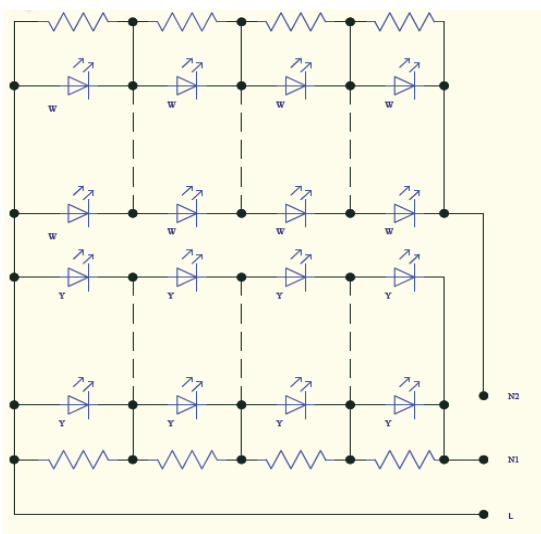
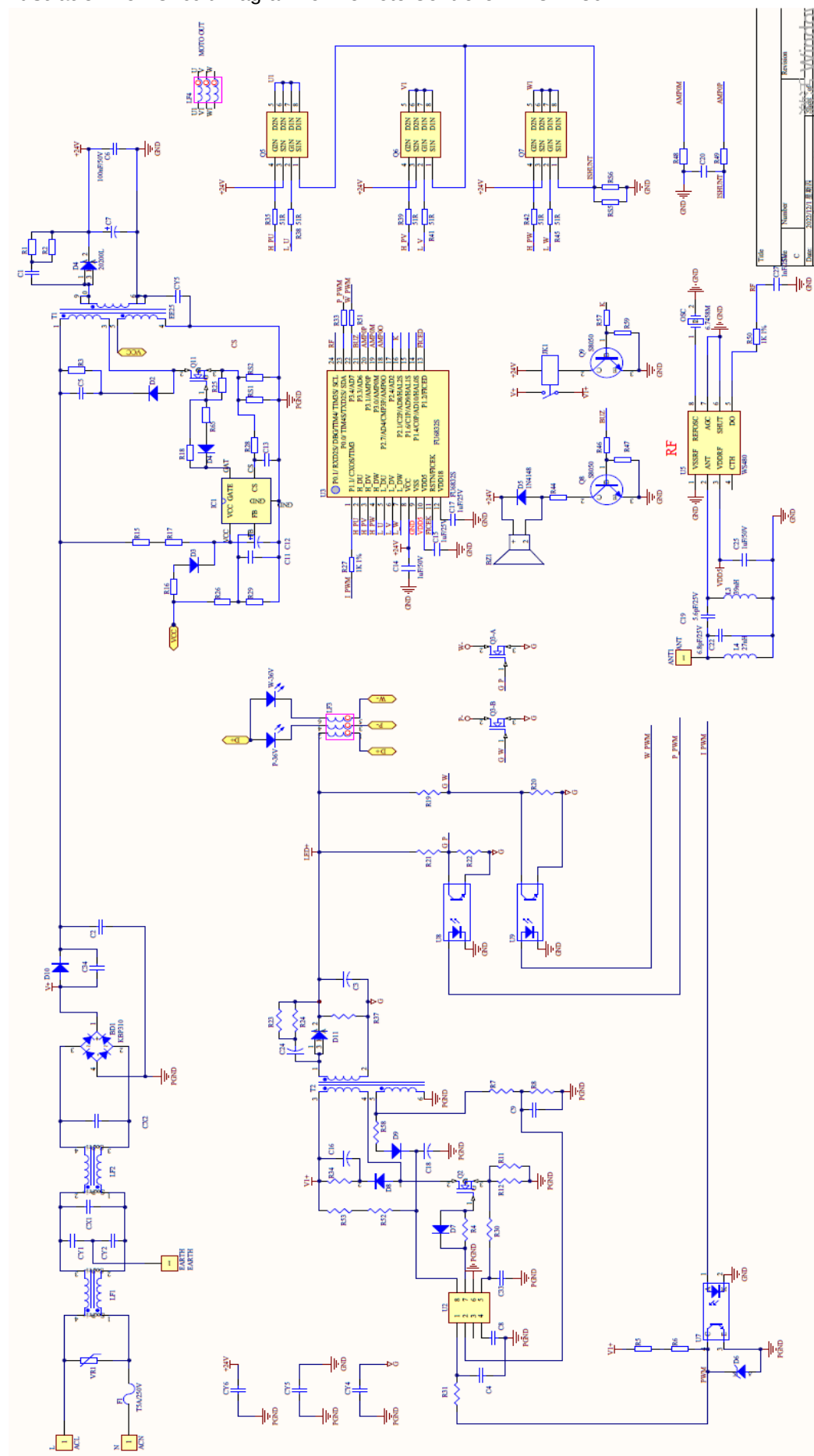
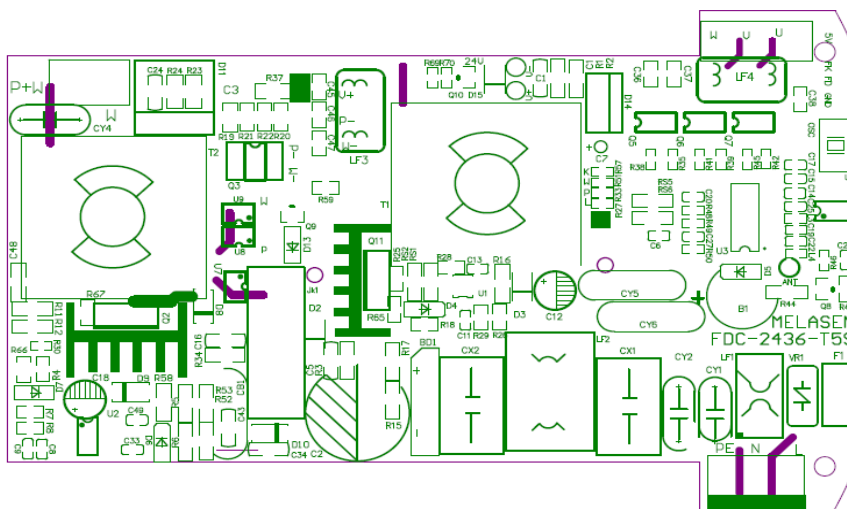
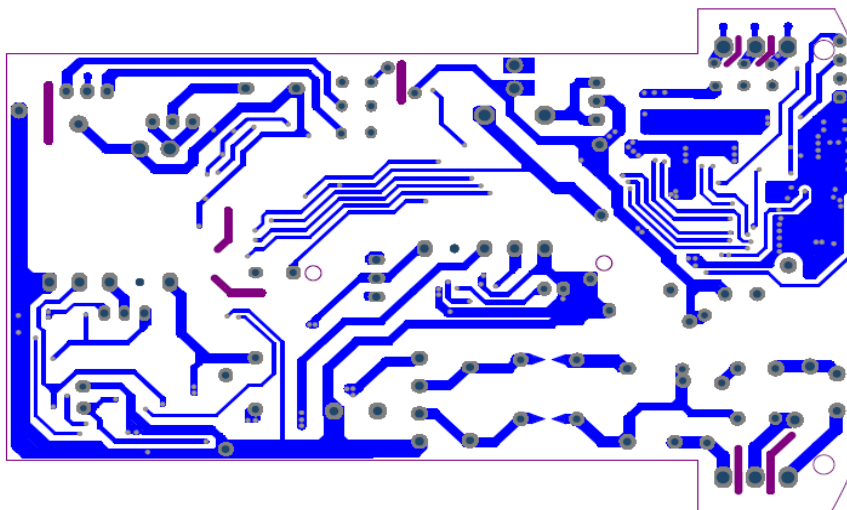
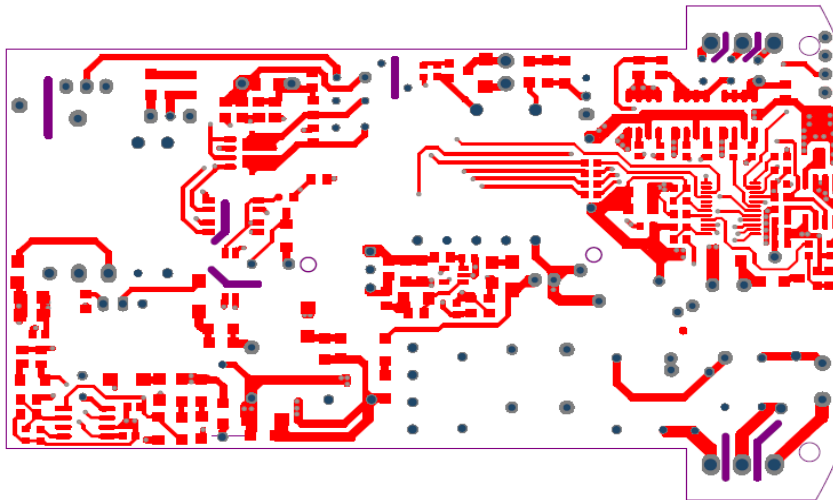


Illustration 2c - Circuit Diagram for Remote Controller FDC-2436



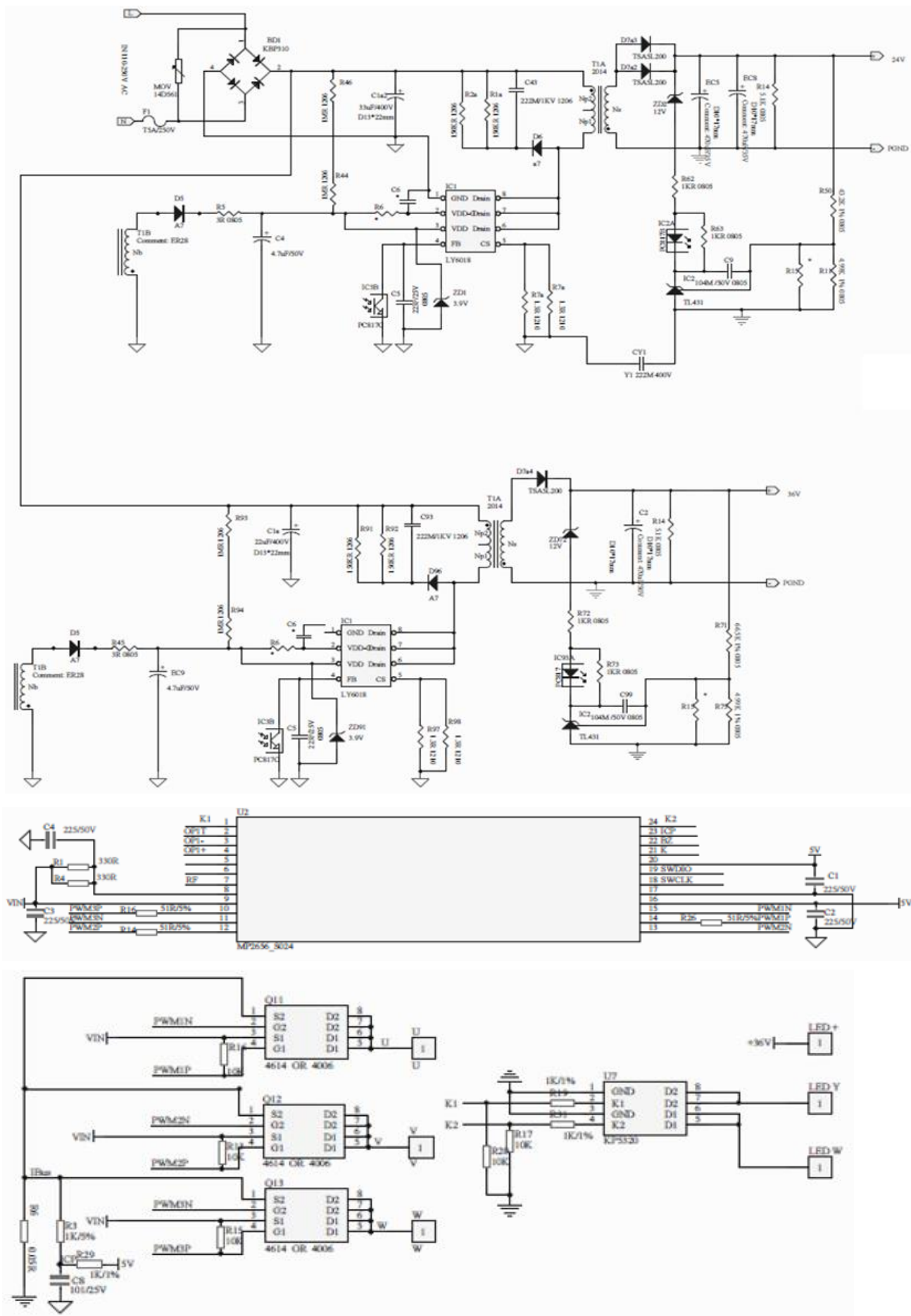
7.0 Illustrations

Illustration 2c1 - Circuit Diagram for Remote Controller FDC-2436



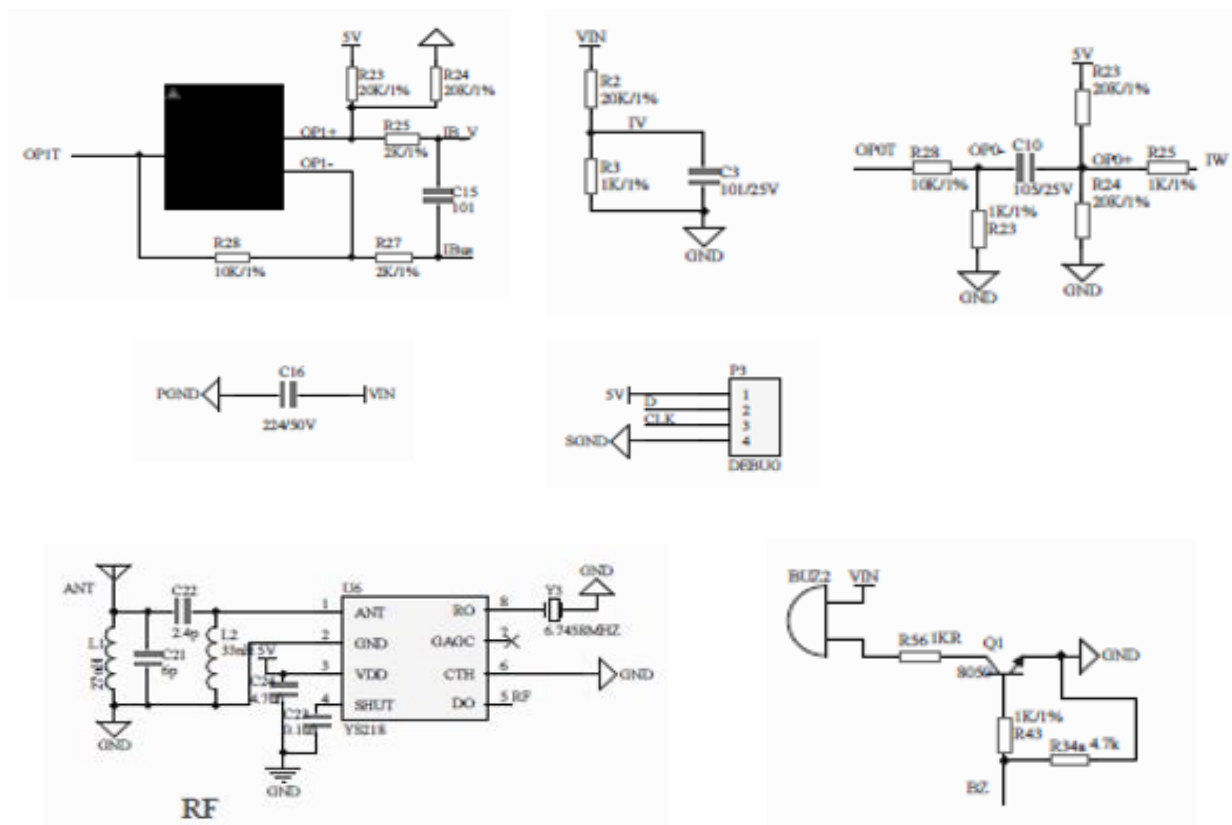
7.0 Illustrations

Illustration 2d - Circuit Diagram for Remote Controller RC-R30



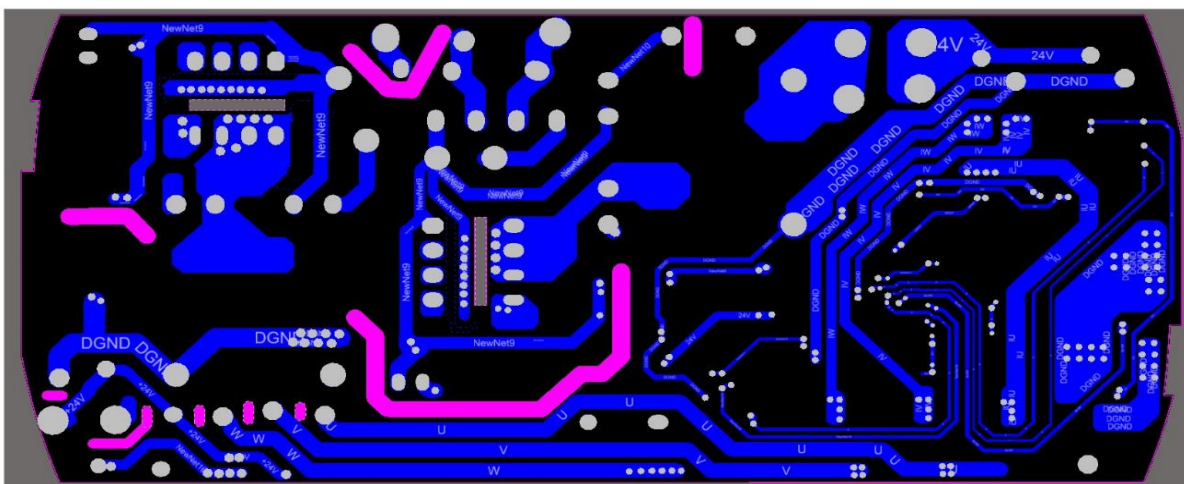
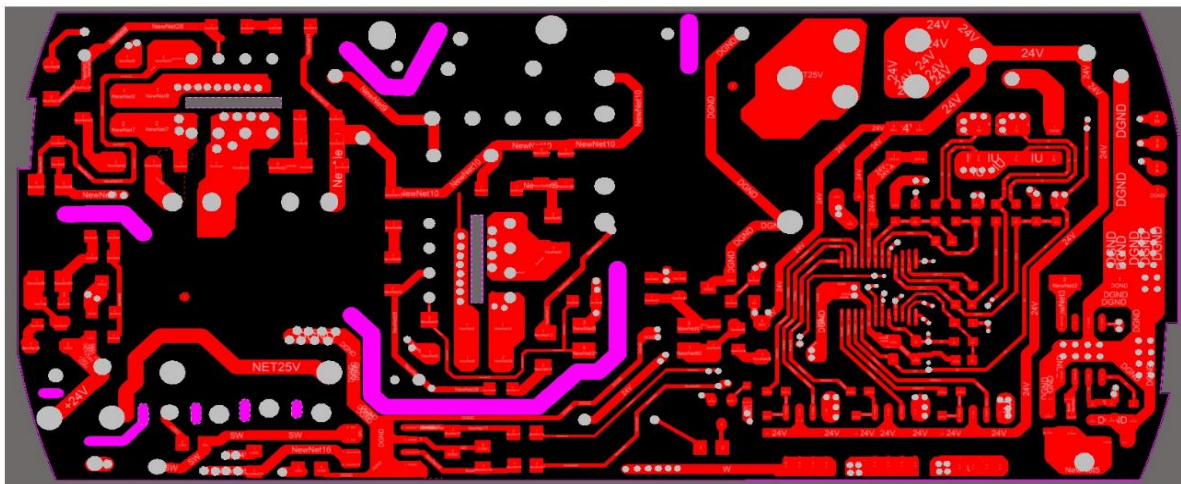
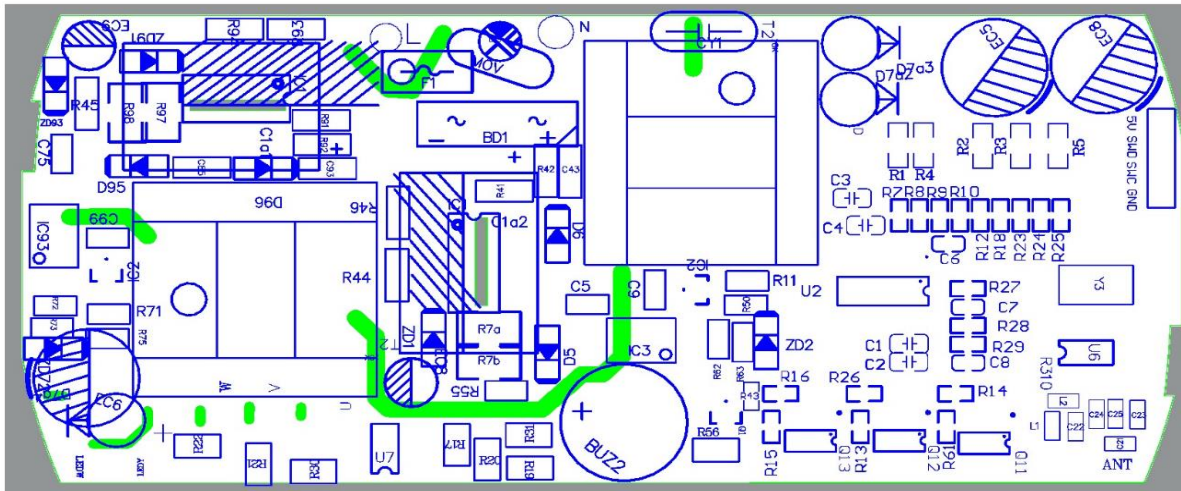
7.0 Illustrations

Illustration 2d1 - Circuit Diagram for Remote Controller RC-R30 (Cont'd)



7.0 Illustrations

Illustration 2d2 - Circuit Diagram for Remote Controller RC-R30



7.0 Illustrations

Illustration 3a - Caution Artwork

Mark on product:

CAUTION: To Reduce The Risk Of Injury To Persons, Install Fan So That The Blade Is At Least 2.1 Meters (7 Feet) Above The Floor.

WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked "Acceptable For Fan Support Of 15.9 Kg (35 Lbs) Or Less". And Use Mounting Screws Provided With The Outlet Box. Most Outlet Boxes Commonly Used For The Support Of Luminaires Are Not Acceptable For Fan Support And May Need To Be Replaced. Consult A Qualified Electrician If In Doubt.

WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked "Acceptable For Fan Support Of 15.9 Kg (35 Lbs) Or Less". And Use Mounting Screws Provided With The Outlet Box And/Or Support Directly From Building Structure.

ATTENTION: Pour Réduire Les Risques De Blessures, Installez Le Ventilateur De Manière À Ce Que La Lame Soit Au Moins 2,1 Mètres (7 Pieds) Au-Dessus Du Sol.

AVERTISSEMENT - Pour Réduire Les Risques D'incendie, De Choc Électrique Ou De Blessure, Montez-le Au Boîtier De Sortie Marqué «Acceptable Pour Un Support De 15,9 Kg (35 Lb) Ou Moins». Et Utilisez Les Vis De Montage Fournies Avec La Boîte De Sortie. La Plupart Des Boîtes De Prises Couramment Utilisées Pour Le Support De Luminaires Ne Sont Pas Acceptables Pour Le Support De Ventilateurs Et Doivent Éventuellement Être Remplacées. Consultez Un Électricien Qualifié En Cas De Doute.

AVERTISSEMENT - Pour Réduire Les Risques D'incendie, De Choc Électrique Ou De Blessure, Montez-le Au Boîtier De Sortie Marqué «Acceptable Pour Un Support De 15,9 Kg (35 Lb) Ou Moins». Et Utilisez Les Vis De Montage Fournies Avec La Boîte De Sortie Et / Ou Le Support Directement À Partir De La Structure Du Bâtiment.

WARNING: MOUNT ONLY TO AN OUTLET BOX MARKED ACCEPTABLE FOR FAN SUPPORT.

AVERTISSEMENT: ASSEMBLER UNIQUEMENT À UNE BOÎTE DE SORTIE JUGÉE ACCEPTABLE POUR RETENIR UN VENTILATEUR.

Mark on carton:

WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked "Acceptable For Fan Support Of 15.9 Kg (35 Lbs) Or Less". And Use Mounting Screws Provided With The Outlet Box. Most Outlet Boxes Commonly Used For The Support Of Luminaires Are Not Acceptable For Fan Support And May Need To Be Replaced. Consult A Qualified Electrician If In Doubt.

WARNING - Risk Of Fire, Electric Shock, Or Personal Injury. The Fan In This Box May Be Either Directly Supported From A Structural Framing Member Of A Building And/Or May Be Mounted To An Outlet Box Marked "Acceptable For Fan Support Of 15.9 Kg (35 Lbs) Or Less". Most Outlet Boxes Commonly Used For The Support Of Luminaires May Not Be Acceptable For Fan Support And May Need To Be Replaced. Consult A Qualified Electrician If In Doubt.

AVERTISSEMENT - Pour Réduire Les Risques D'incendie, De Choc Électrique Ou De Blessure, Montez-le Au Boîtier De Sortie Marqué «Acceptable Pour Un Support De 15,9 Kg (35 Lb) Ou Moins». Et Utilisez Les Vis De Montage Fournies Avec La Boîte De Sortie. La Plupart Des Boîtes De Prises Couramment Utilisées Pour Le Support De Luminaires Ne Sont Pas Acceptables Pour Le Support De Ventilateurs Et Doivent Éventuellement Être Remplacées. Consultez Un Électricien Qualifié En Cas De Doute.

AVERTISSEMENT - Risque D'incendie, De Choc Électrique Ou De Blessure Corporelle. Le Ventilateur Dans Cette Boîte Peut Être Directement Pris En Charge Par Un Membre D'un Bâtiment D'un Bâtiment Et / Ou Peut Être Monté Sur Une Boîte De Sortie Marquée «Acceptable Pour Une Prise En Charge De 15,9 Kg Ou Moins». La Plupart Des Boîtes De Prises Couramment Utilisées Pour Le Support De Luminaires Peuvent Ne Pas Être Acceptables Pour Le Support De Ventilateurs Et Doivent Éventuellement Être Remplacées. Consultez Un Électricien Qualifié En Cas De Doute.

7.0 Illustrations

Illustration 3b - Caution Artwork

Marking on lampholder for model KBS-5270

CAUTION-RISK OF FIRE / ATTENTION-RISQUE D'INCEDIE: E12, TYPE A, MAX 40W

MAX 40W TYPE A SBLED

Compliance with UL 1993 and CSA C22.2 No. 1993

Conformité aux normes UL 1993 et CSA C22.2 N ° 1993

Additional marking on downward facing side of the mounting bracket for models KBS-6005, KBS-5219:

WARNING - To Reduce The Risk Of Fire, Electric Shock, Or Personal Injury, Mount To Outlet Box Marked "Acceptable For Fan Support Of 15.9 Kg (35 Lbs) Or Less". And Use Mounting Screws Provided With The Outlet Box. Most Outlet Boxes Commonly Used For The Support Of Luminaires Are Not Acceptable For Fan Support And May Need To Be Replaced. Consult A Qualified Electrician If In Doubt.

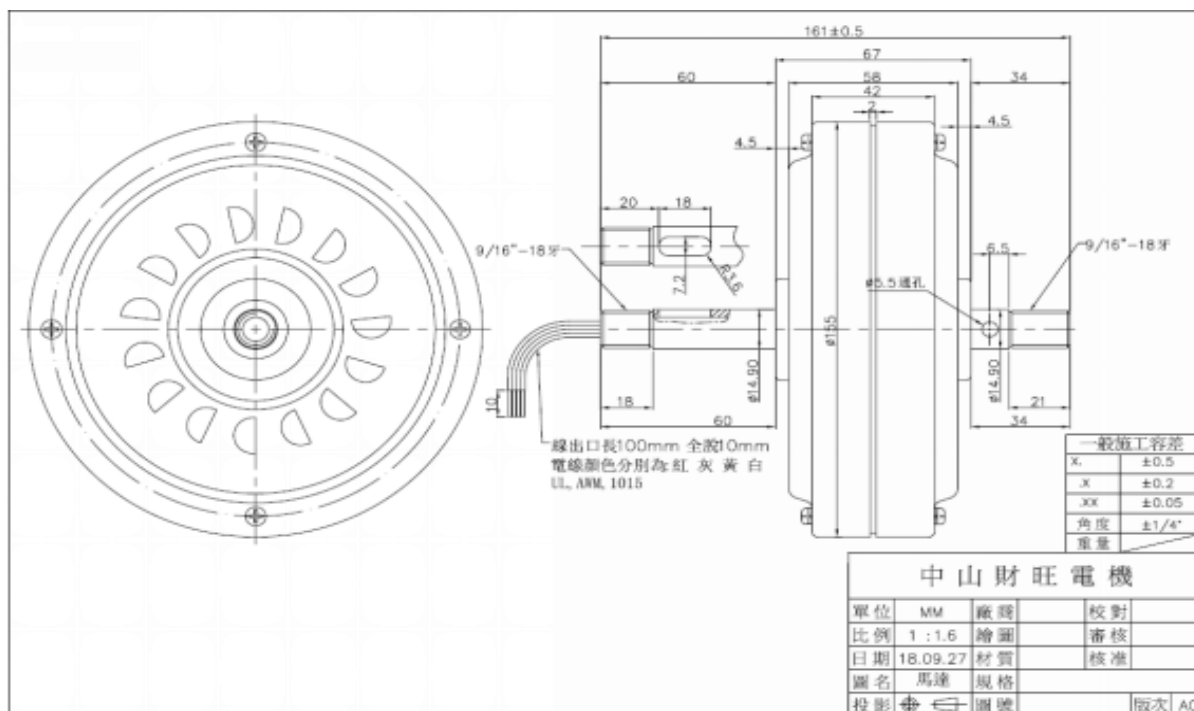
AVERTISSEMENT - Pour Réduire Les Risques D'incendie, De Choc Électrique Ou De Blessure, Montez-le Au Boîtier De Sortie Marqué «Acceptable Pour Un Support De 15,9 Kg (35 Lb) Ou Moins». Et Utilisez Les Vis De Montage Fournies Avec La Boîte De Sortie. La Plupart Des Boîtes De Prises Couramment Utilisées Pour Le Support De Luminaires Ne Sont Pas Acceptables Pour Le Support De Ventilateurs Et Doivent Éventuellement Être Remplacées. Consultez Un Électricien Qualifié En Cas De Doute.

Marking on lampholder for model KBS-5219

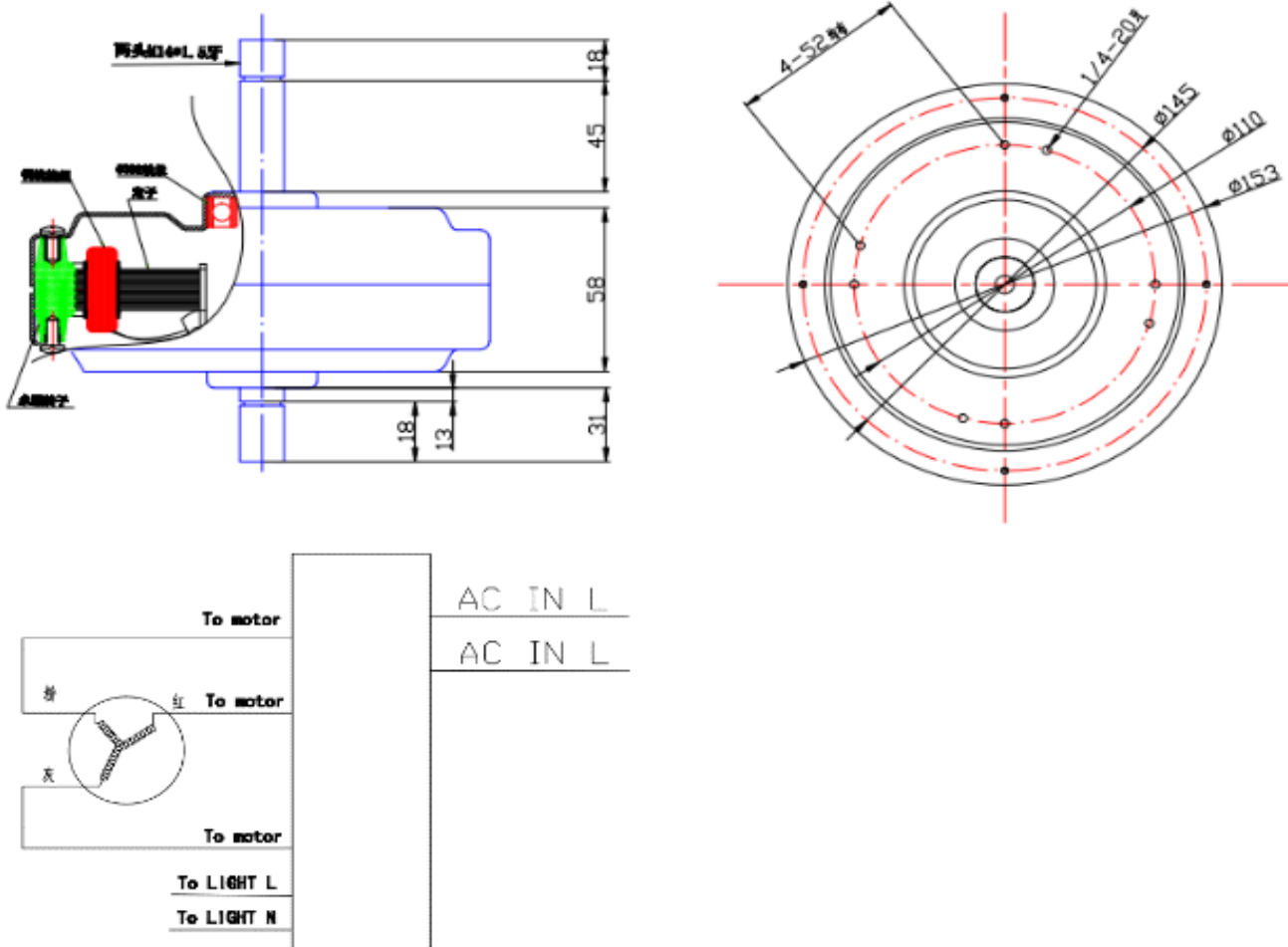
CAUTION-RISK OF FIRE / ATTENTION-RISQUE D'INCEDIE: E26, TYPE A, MAX 3 x 60W

7.0 Illustrations

Illustration 4 - Drawing of Fan motor
For motor CW1531514



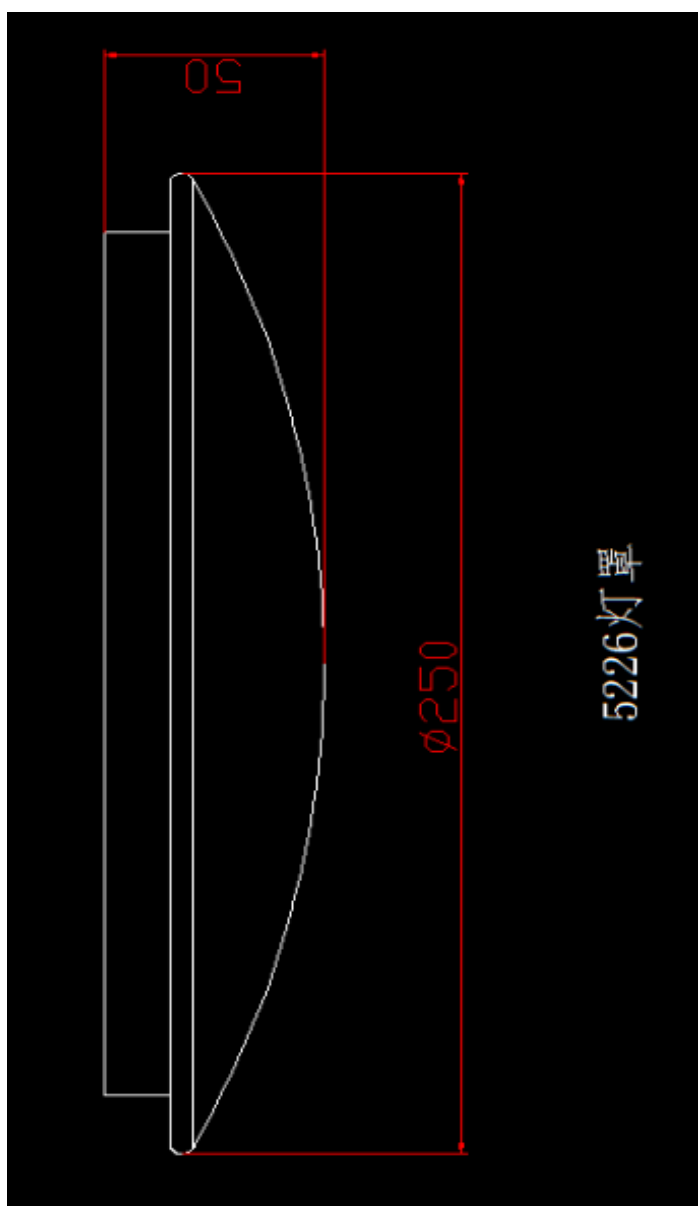
For motor 153*12

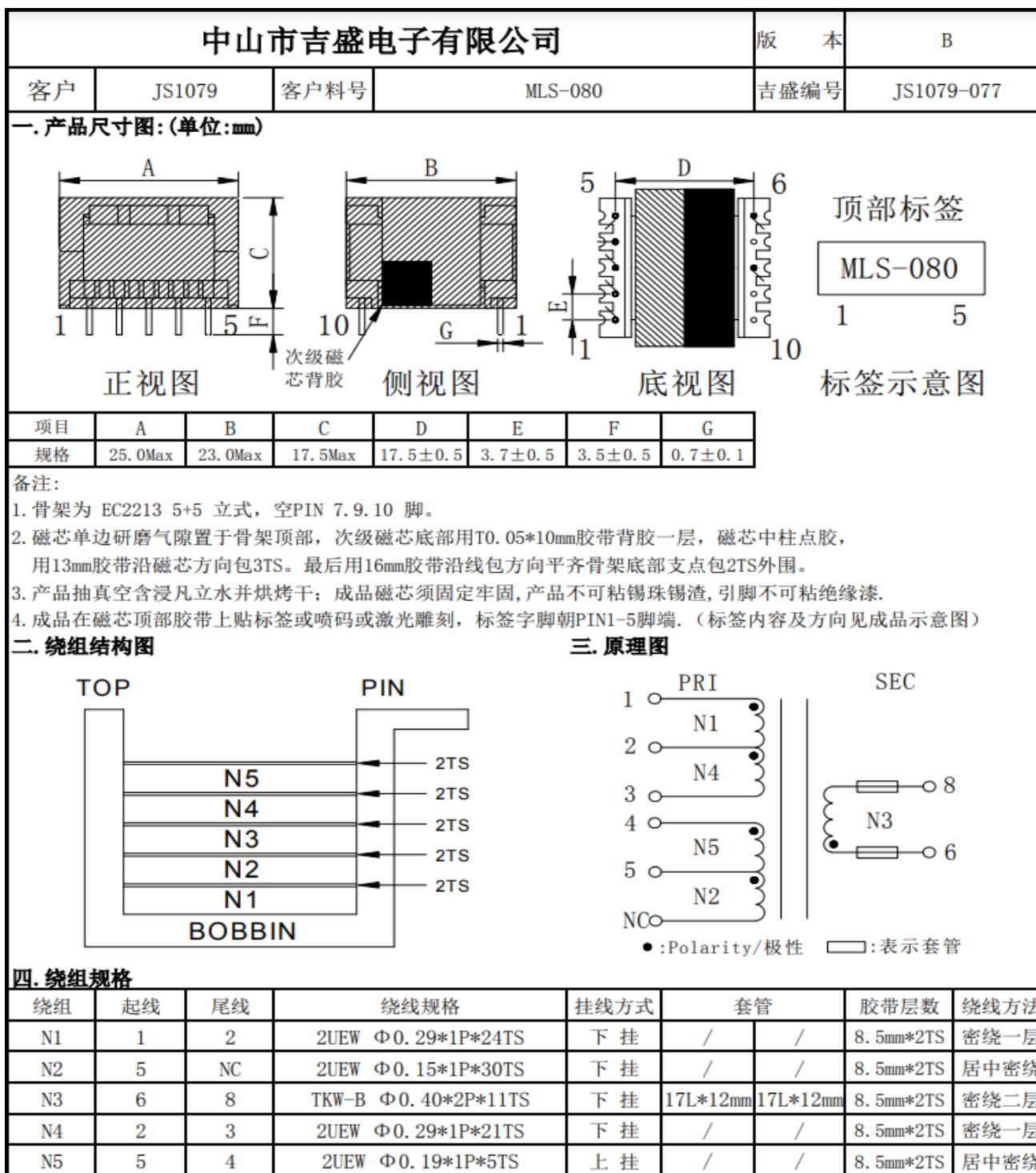


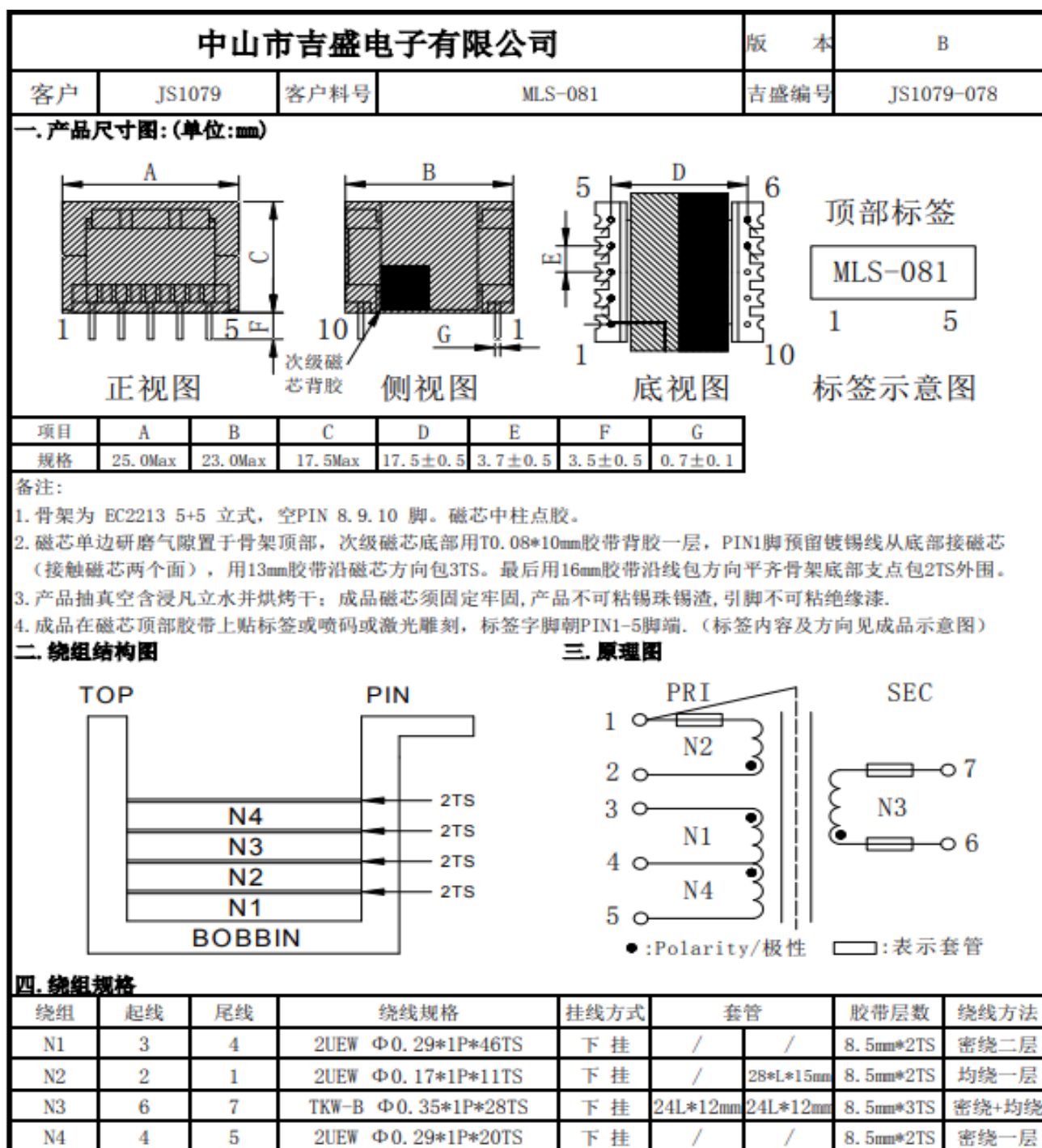
7.0 Illustrations

Illustration 4a - Lamp Shade drawing

For model KBS-5226



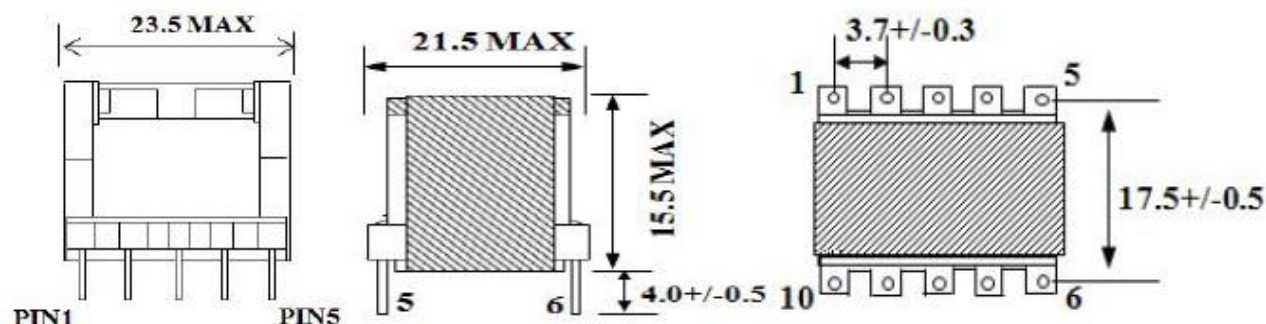
7.0 Illustrations**Illustration 5 - Drawing of Transformer (T1) model MLS-080**

7.0 Illustrations**Illustration 6 - Drawing of Transformer (T2) model MLS-081**

7.0 Illustrations

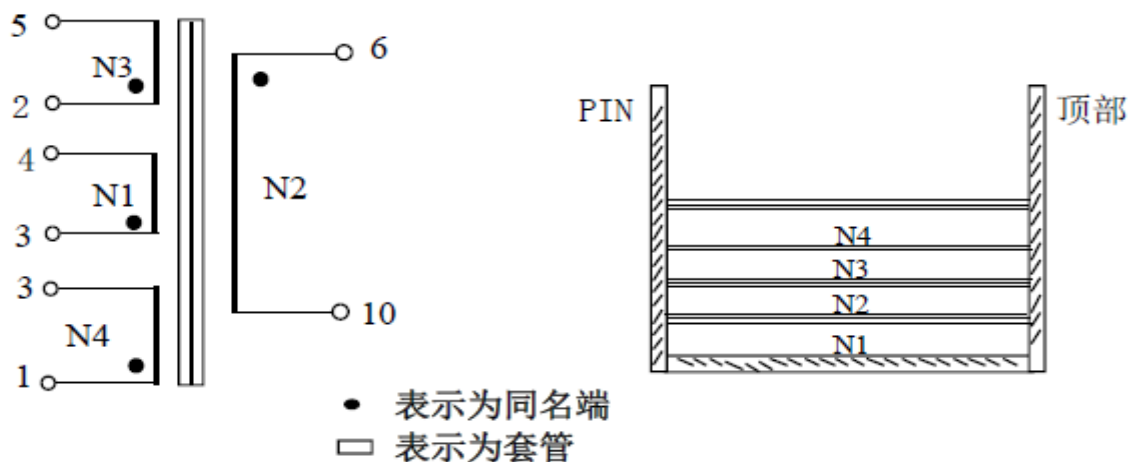
Illustration 7 - Drawing of Transformer 1 model LY6021-24V36W

一、外形、结构(单位: mm)



1. 骨架空7.8.9脚, 3脚剪切。
2. 成品顶部贴标签。

三、原理图

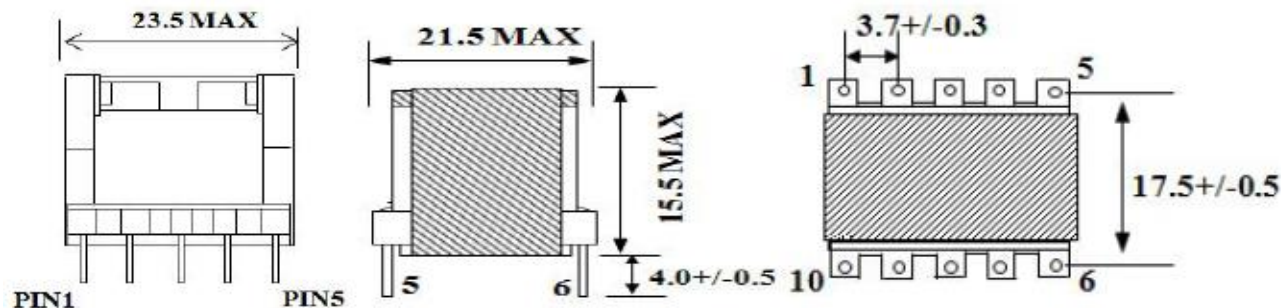


N1.(3-4):	Φ0.37*1P	28Ts (顺向密绕)
N2.(6-10):	Φ0.37*2P	13Ts (顺向密绕)
N3.(2-5):	Φ0.2 *1P	9 Ts (顺向密绕)
N4.(1-3):	Φ0.37*1P	26Ts (顺向密绕)

7.0 Illustrations

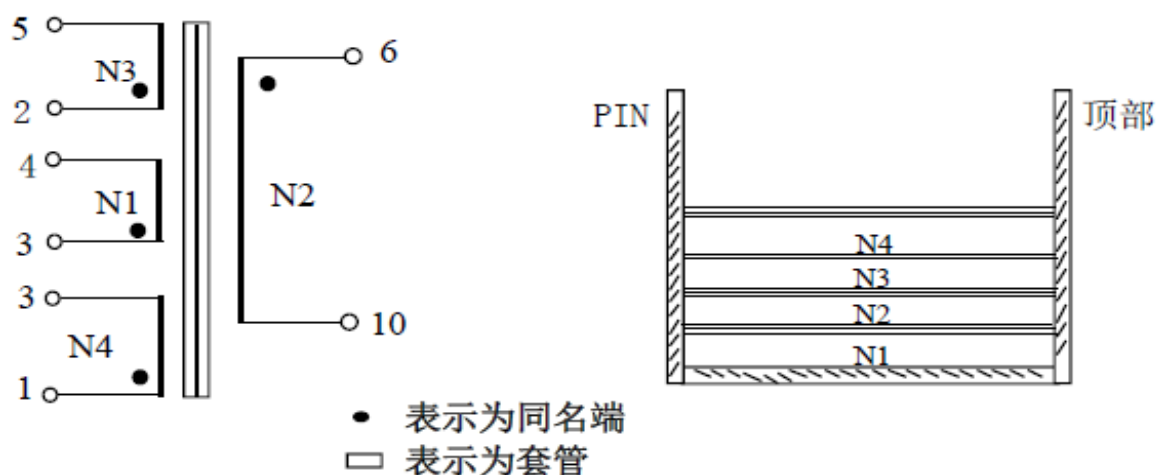
Illustration 8 - Drawing of Transformer 2 model LY6018-24V1.25A

一、外形、结构(单位: mm)



1. 骨架空7.8.9脚, 3脚剪切。
2. 成品顶部贴标签。

三、原理图

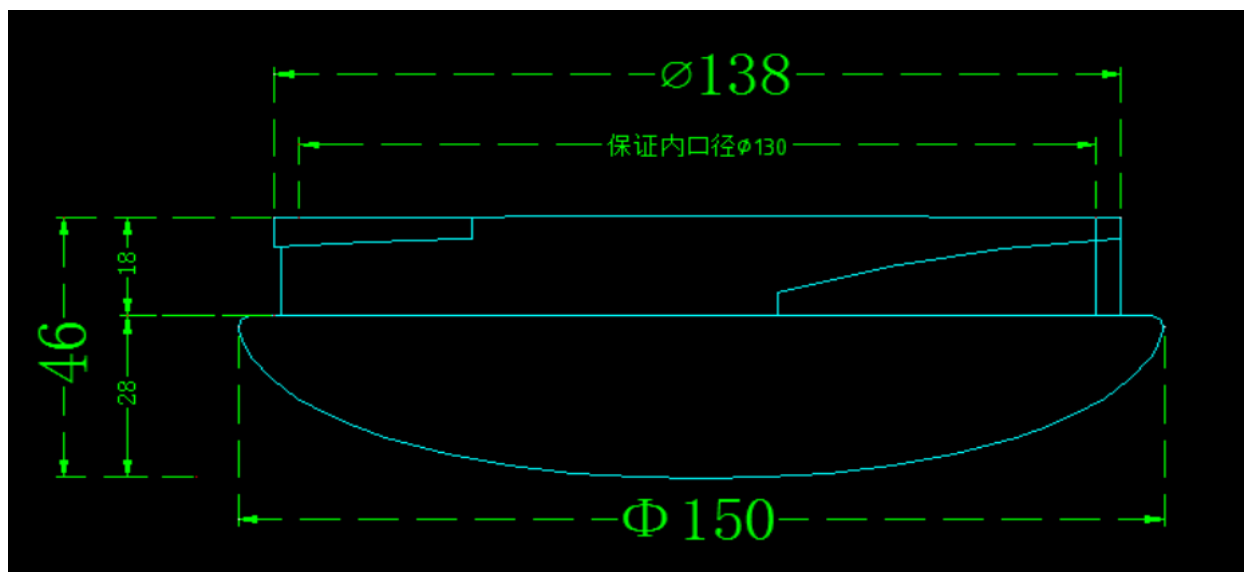


N1.(3-4):	Φ0.30*1P	34Ts (顺向密绕)
N2.(6-10):	Φ0.50*1P	17Ts (顺向密绕)
N3.(2-5):	Φ0.15*1P	11Ts (顺向密绕)
N4.(1-3):	Φ0.30*1P	30Ts (顺向密绕)

7.0 Illustrations

Illustration 9 - Lamp Shade drawing

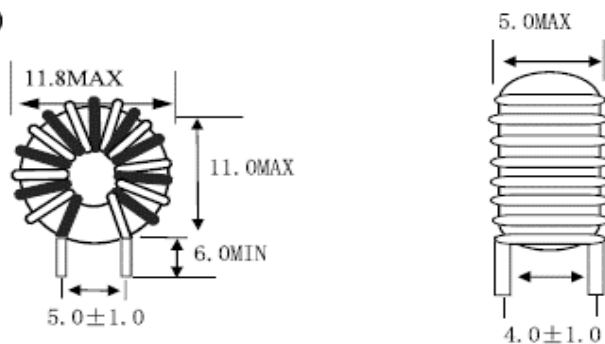
For model KBS-52K012.



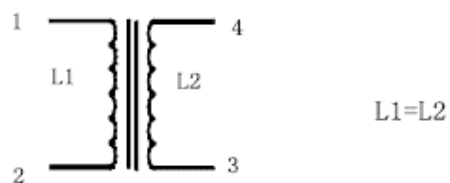
7.0 Illustrations

Illustration 10 - Drawing of Inductor LF1 for LED driver FDC-2436

外形尺寸图 (UNIT:mm)



电性原理图:



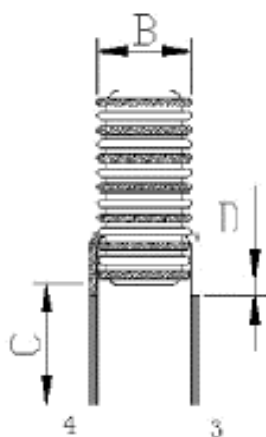
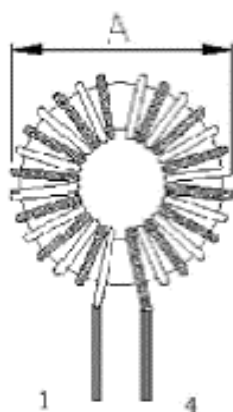
绕制参数:

绕制参数:				
	S-F	WIRE	TURNS	
L1:	1-2	漆包铜线 $\phi 0.45 \times 1P$	11.5TS	双线并绕
L2:	3-4	漆包铜线 $\phi 0.45 \times 1P$	11.5TS	
备注: 本品需含浸凡立水和带有三重绝缘线 E335841 DRTIW-B				

7.0 Illustrations

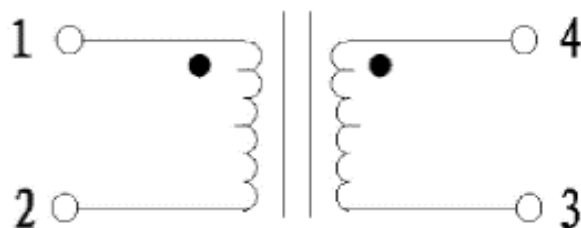
Illustration 10a - Drawing of Alternative Inductor LF1 for LED driver FDC-2436

1. 外形尺寸 (单位: mm):



尺寸	规格
A	12.0 Max.
B	8.0 Max.
C	8.0mm±0.1
D	1.0 mm ± 0.1

2. 电气原理:



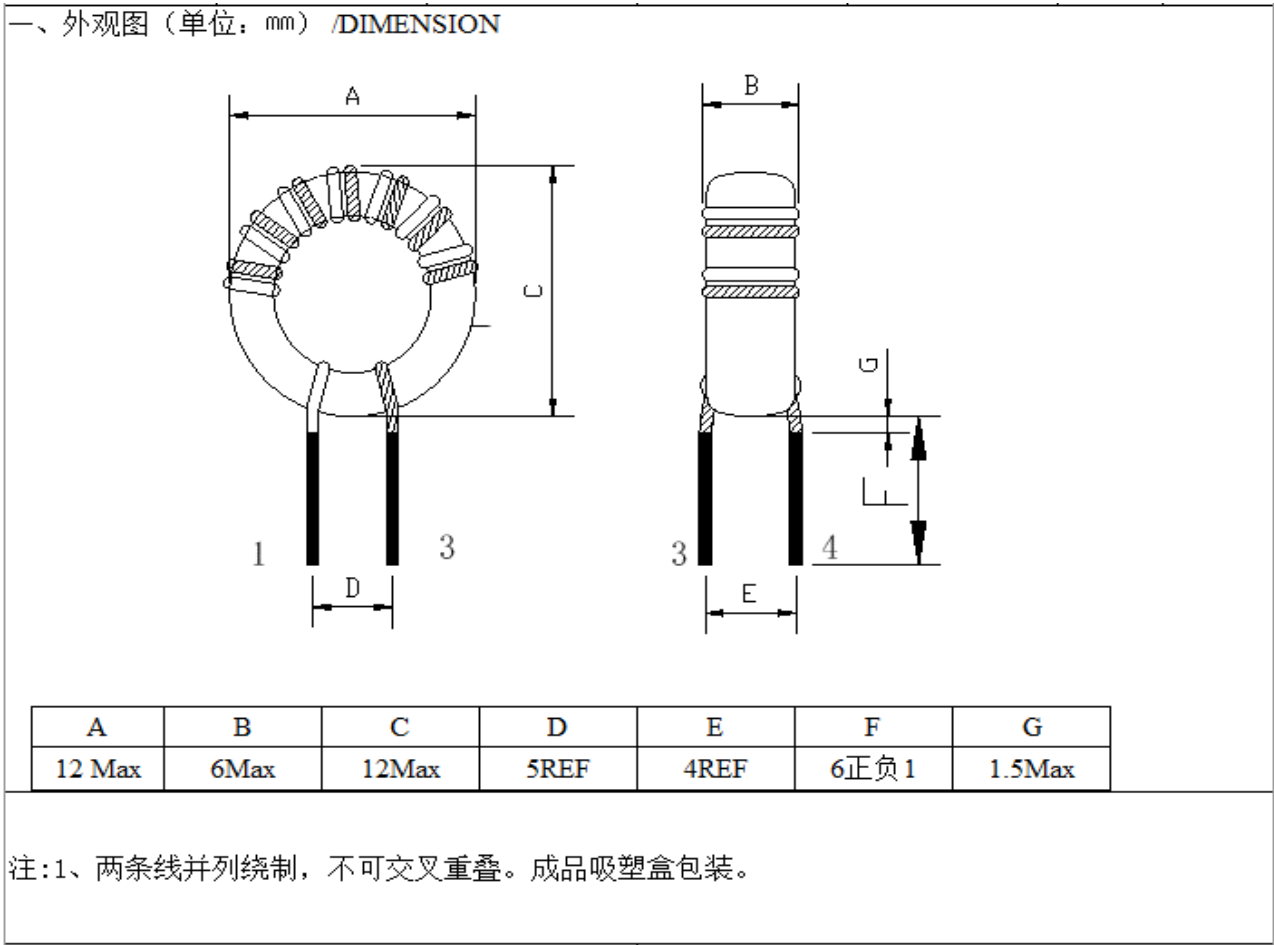
3. 绕线参数:

绕组	绕线脚位		绕径规格	绕线圈数 (Ts)	绕线方式	排线状况
	起	收				
N1	1	3	QA0.45x1P PEW	11.5	双线并绕, 顺时针	密绕
N2	2	4	TIW0.45x1P PEW	11.5	双线并绕, 顺时针	密绕

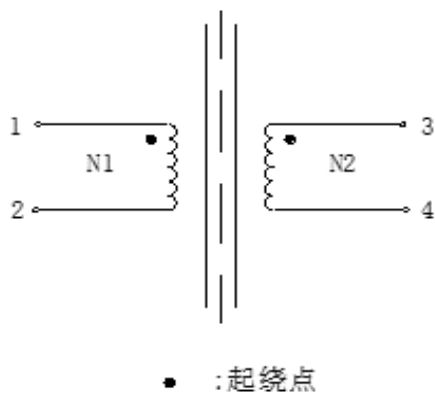
注: 以电感值为准, 圈数参考。

7.0 Illustrations

Illustration 10b - Drawing of Alternative Inductor LF1 for LED driver FDC-2436



二、电原理图 / CIRCUIT DIAGRAM



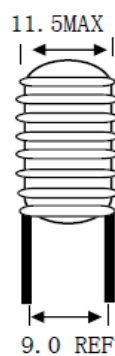
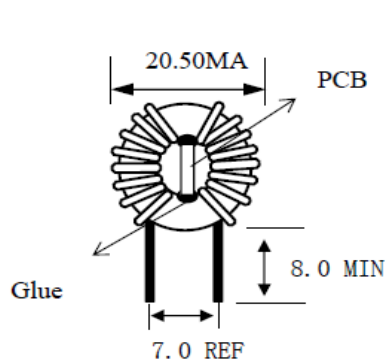
四、绕组 / WINDING;

序号 NO.	起头 STAR	收尾 FINISH	圈数 TURNS	漆包线 WIRE	绕制方式 WINDING CONDITION
N1	1	2	11.5Ts REF (本色)	2UEW-NΦ0.45*1	双线并绕
N2	3	4	11.5Ts REF (三层绝缘)	TEX-EΦ0.45*1	

7.0 Illustrations

Illustration 11 - Drawing of Inductor LF2 for LED driver FDC-2436

一、MECHANICAL DIMENSION (UNIT:mm)



二、SCHEMATIC DRAWING:



$$L1(1-2) = L2(3-4)$$

Note: this product needs to be soaked.

三、ELECTRICAL CHARACTERISTIC:

NO.	TEST ITEM	TEST POINT	RESULT	TEST CONDITION INSTRUMENT
1	L	L1-2 3-4	50MH MIN	CH-1062 (10KHZ 0.25V)
2	HI-POT	PRL-SEC	AC1000V/1MA/2S	
3	DCR	(Ω)	105MAX	LCR TEST MEATER VR115

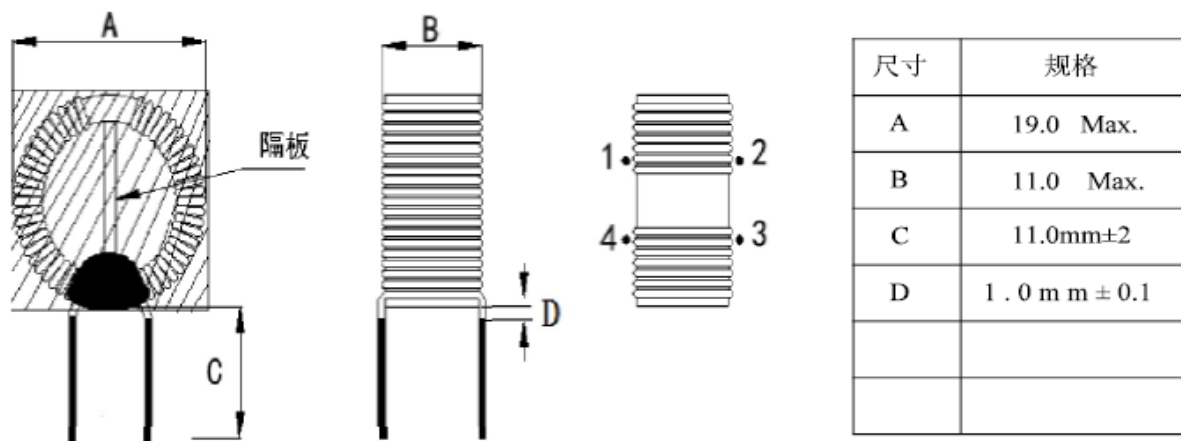
四、WINDING DATA:

ITEM	PHASE	WIRE/SIZE	TURNS	NOTE
L1	1-2	2UEW φ0.35mm*1p (N)	75.5TS (REF)	Edge points around
L2	3-4	2UEW φ0.35mm*1p (N)	75.5TS (REF)	Edge points around

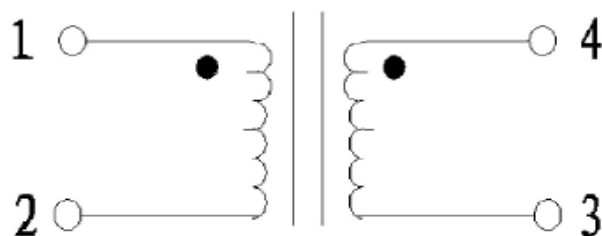
7.0 Illustrations

Illustration 11a - Drawing of Alternative Inductor LF2 for LED driver FDC-2436

1. 外形尺寸（单位：mm）:



2. 电气原理:



3. 绕线参数:

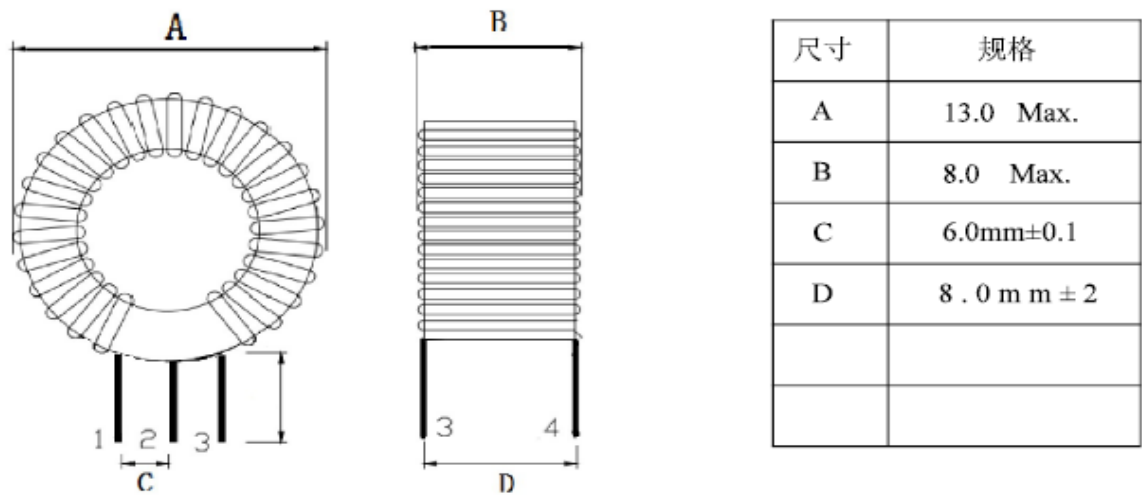
绕组	绕线脚位		绕径规格	绕线圈数 (Ts)	绕线方式	排线状况
	起	收				
N1	1	3	QA0.35×1P PEW	75.5	顺时针	密绕
N2	2	4	QA0.35×1P PEW	75.5	逆时针	密绕

注：以电感值为准，圈数参考。

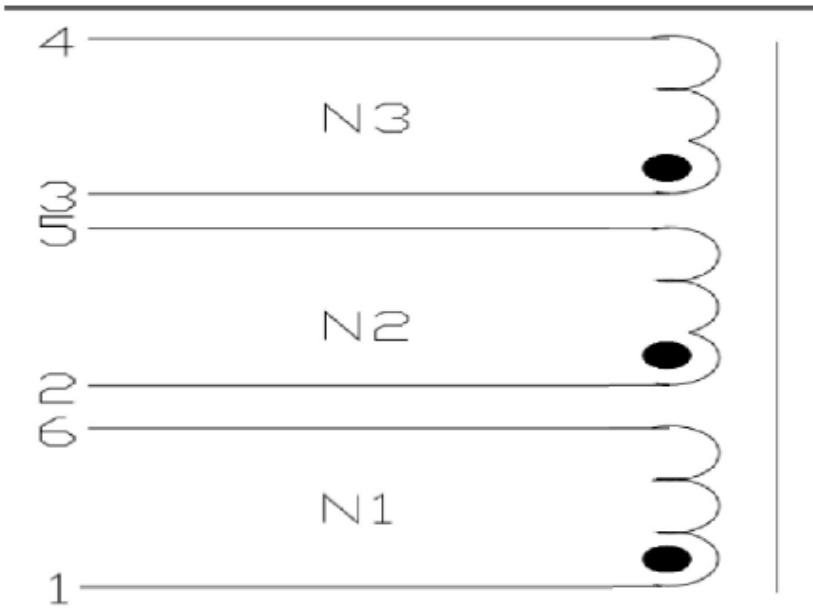
7.0 Illustrations

Illustration 12 - Drawing of Inductor LF3, LF4 for LED driver FDC-2436

1. 外形尺寸（单位：mm）:



2. 电气原理:



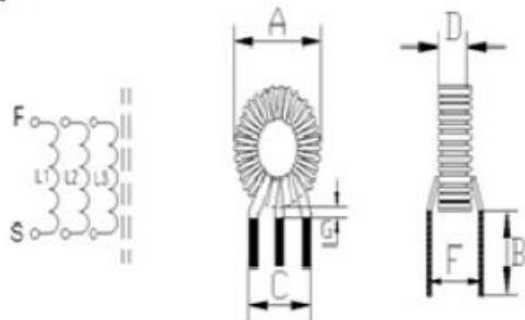
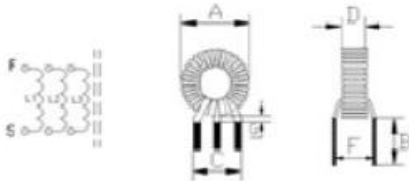
3.绕线参数:

绕组	绕线脚位		绕径规格	绕线圈数 (Ts)	绕线方式	排线状况
	起	收				
N1	1	6	QA0.5x1P PEW	9	双线并绕, 顺时针	密绕
N2	2	5	TIW0.5x1P PEW	9	双线并绕, 顺时针	密绕
N3	3	4	QA0.5x1P PEW	9	双线并绕, 顺时针	密绕

注：以电感值为准，圈数参考。

7.0 Illustrations

Illustration 13 - Drawing of Alternative Inductor LF3, LF4 for LED driver FDC-2436

单位: mm				A	13.0±1.5mm
				B	8.0±1.0mm
				C	7.5mm REF
				D	7.5mm REF
				G	1.5mm MAX
				H	
				G	
				F	5.5mm REF
				I	
Inductance	L	L1=L2=L3 1mH ±30%			
WIRE		2UEW-TEX			
WIRE		L1=L2-GOD&RED			
CORE		CORE : T1375-C			
TURNS	TS	N1:= N2=N3 9TS REF			
DC Resistance	DCR	N1:(1-6)= N2(2-5)=N3(3-4) 28mΩ REF			
LOT NO : SAMPLE		SHAPE : 			
QUANTITY : 20 PCS					
TEST FREQ : 1KHZ 0.25V					
COIL DESCRIPTION :					
WIRE : 0.50 mm TURN : 9TX3 Ts					
TEMP: 20 °C HUMI : 60 %					
ELECTRICAL CHARACTERISTICS AND MECHANICAL DIMENSIONS (m/m) :					
ITEM	N1=N2=N3	DCR		N1=N2=N3	DCR
SPEC	1mH	28mΩ		1mH	28mΩ
TOLN	min	REF		± 30%	REF
1	1.91	22.54	←11圈X3	0.86	14.75
2	1.22	24.22		0.96	17.04
3	1.52	25.94		1.08	14.43
4	1.52	24.43		1.17	14.76
5	1.36	27.73		1.14	14.49
6	1.30	25.96		1.03	14.29
7	1.22	26.13		0.96	14.36
8	1.15	27.13		0.86	14.50
9	1.55	30.13		1.01	14.30
10	1.69	28.63		0.96	14.30
X	1.444	26.28		1.003	14.72
R					
JUDGE	OK	OK			

8.0 Test Summary					
Evaluation Period	01-Sept-2018 to 18-Sep-2018		Project No.	HK18061770	
Sample Rec. Date	1-Sep-2018	Condition	Prototype	Sample ID.	#1 ~ #18
Test Location	Waltek Services Co., Ltd. (Address: No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, China).				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
Test Description	UL 507:2017 Ed.10+R:22Feb2018 Clause		CSA C22.2#113:2015 Ed.10+U1 Clause	UL1598 and CSA C22.2 No. 250.24 3rd edition Rev. Oct 17, 2012 Clause	
Continuity of Grounding Circuit Test	42		-	-	
Starting Current Test	44		-	-	
Input Test	45		-	-	
Temperature Test	46		-	-	
Dielectric Voltage Withstand Test	47		-	-	
Locked Rotor Test	50		-	-	
Humidity Conditioning Test	53		-	-	
Temperature Test - Maximum Motor Temperature	87.1.1 (a)		-	-	
Temperature Test - 2 Volt DC Offset	87.1.1 (b)		-	-	
Temperature Test - Half-wave	87.1.1 (c)		-	-	
Abnormal Operation Test - Half-wave - Locked Rotor	87.2		-	-	
Static Load Test	91.1		-	-	
Polymeric blades	91.3		-	-	
Fan blade brackets	91.4		-	-	
Static load test for ceiling-suspended fan blade brackets	91.4.1		-	-	
Dynamic load test for ceiling-suspended fan blade brackets	91.4.2		-	-	
Rating	-		6.3	-	
Temperature	-		6.4	-	
Dielectric Strength	-		6.5	-	
Starting	-		6.10	-	
Abnormal Tmperature	-		6.11	-	
Support Strength Tests for Pendent Ceiling Fans	-		6.20	-	
Moisture Absorption Resistance	-		6.30	-	
Normal Temperature Test	-		-	14.2	
Mold stress relief	-		-	16.4	
Loading	-		-	16.15	
Glass support	-		-	16.24	
Polymeric impact	-		-	16.41	
Dielectric Voltage-withstand	-		-	17.1	
Bonding Circuit Impedance	-		-	17.2	
Articulate Probe	-		-	17.4	

8.0 Test Summary

8.0 Test Summary			
Test Description	UL 1004-2, 2nd Edition, rev. Feb 6, 2015 Clause	CSA C22.2 No.77 rev.2014 Clause	
Locked-Rotor Temperature Test	3	-	-
Locked-Rotor Endurance Test	4	-	-
Lock rotor temperature test	-	5.4	-
Dielectric Strength	-	5.5	-
Endurance test	-	5.6	-
Test Description	UL 8750:2015 Ed.2+R:05Feb2018 Clause	CSA C22.2#250.13:2017 Ed.3 Clause	
Input Test		8.2	9.2
Temperature test		8.3	9.3
Dielectric Voltage-withstand		8.6	9.4
Leakage current measurement test		8.9	9.7
Humidity exposure		8.14.1	9.12.1

8.0 Test Summary			
Evaluation Period	15-May-2019 to 12-June-2019		Project No. HK19051093
Sample Rec. Date	14-May-2019	Condition	Prototype
			Sample ID. #1 ~ #18
Test Location	Intertek Testing Services Hong Kong Ltd. (Address: 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong).		
Test Procedure	Testing Lab		
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.			
The following tests were performed:			
Test Description	UL 507:2017 Ed.10+R:22Feb2018 Clause	CSA C22.2#113:2015 Ed.10+U1 Clause	UL 1598:2018 Ed.4 & CSA C22.2#250.0:2018 Ed.4 Clause
Continuity of Grounding Circuit Test	42	-	-
Starting Current Test	44	-	-
Input Test	45	-	-
Temperature Test	46	-	-
Dielectric Voltage Withstand Test	47	-	-
Locked Rotor Test	50	-	-
Humidity Conditioning Test	53	-	-
Tests of Switches and Controls	59	-	-
Temperature Test - Maximum Motor Temperature	87.1.1 (a)	-	-
Temperature Test - 2 Volt DC Offset	87.1.1 (b)	-	-
Temperature Test - Half-wave	87.1.1 (c)	-	-
Abnormal Operation Test - Half-wave - Locked Rotor	87.2	-	-
Static Load Test	91.1	-	-
Polymeric blades	91.3	-	-
Fan blade brackets	91.4	-	-
Static load test for ceiling-suspended fan blade brackets	91.4.1	-	-
Dynamic load test for ceiling-suspended fan blade brackets	91.4.2	-	-
Probe Test	-	5.2.7.3	-
Rating	-	6.3	-
Temperature	-	6.4	-
Dielectric Strength	-	6.5	-
Overload	-	6.6	-
Starting	-	6.10	-
Abnormal Tmperature	-	6.11	-
Support Strength Tests for Pendent Ceiling Fans	-	6.20	-
Moisture Absorption Resistance	-	6.30	-
Normal Temperature Test	-	-	15.2
Mold stress relief	-	-	17.4
Loading	-	-	17.15
Polymeric impact	-	-	17.41
Dielectric Voltage-withstand	-	-	18.1
Bonding Circuit Impedance	-	-	18.2
Articulate Probe	-	-	18.4

8.0 Test Summary		
Test Description	UL 8750:2015 Ed.2+R:22Aug2018 Clause	CSA C22.2#250.13:2017 Ed.3 Clause
Input Test	8.2	9.2
Temperature test	8.3	9.3
Dielectric Voltage-withstand	8.6	9.4
Leakage current measurement test	8.9	9.7
Humidity exposure	8.14.1	9.12.1

Evaluation Period	26-May-2021 to 01-Jul-2021		Project No.	HK21050749
Sample Rec. Date	25-May-2021	Condition	Prototype	Sample ID.
Test Location	Intertek Testing Services Hong Kong Ltd. (Address: 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong).			
Test Procedure	Testing Lab			

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 507:2017 Ed.10+R:27May2020 Clause	CSA C22.2#113:2015 Ed.10+U1 Clause	UL 1598:2021 Ed.5 & CSA C22.2#250.0:2021 Ed.5 Clause
Continuity of Grounding Circuit Test	42	-	-
Starting Current Test	44	-	-
Input Test	45	-	-
Temperature Test	46	-	-
Dielectric Voltage Withstand Test	47	-	-
Locked Rotor Test	50	-	-
Humidity Conditioning Test	53	-	-
Static Load Test	91.1	-	-
Static load test for ceiling-suspended fan blade brackets	91.4.1	-	-
Dynamic load test for ceiling-suspended fan blade	91.4.2	-	-
Probe Test	-	5.2.7.3	-
Rating	-	6.3	-
Temperature	-	6.4	-
Dielectric Strength	-	6.5	-
Starting	-	6.10	-
Abnormal Temperature	-	6.11	-
Support Strength Tests for Pendent Ceiling Fans	-	6.20	-
Moisture Absorption Resistance	-	6.30	-
Surface ceiling luminaires	-	-	15.2
Mold stress relief	-	-	17.4
Loading	-	-	17.15
Polymeric impact	-	-	17.41
Dielectric voltage-withstand	-	-	18.1
Bonding circuit impedance	-	-	18.2
Articulate probe	-	-	18.4

8.0 Test Summary

Test Description	UL 1004-1:2012 Ed.2+R:07Aug2018 Clause	UL 1004-2:2014 Ed.2+R:06Feb2015 Clause	CSA C22.2#77:2014 Ed.8 Clause
Locked-Rotor or No-Load Temperature Test	-	3	-
Endurance Test	-	4	-
Lock rotor temperature test	-	-	6.4
Dielectric Strength	37	-	6.5
Endurance test	-	-	6.6

Evaluation Period	2022-12-1~2023-6-12			Project No.	HK22110781 & HK22110782
Sample Rec. Date	1-Dec-2022	Condition	Prototype	Sample ID.	#1 ~ #24
Test Location	Waltek Testing Group (Foshan) Co., Ltd. (Address: No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, Guangdong, China).				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 507:2017 Ed.10+R:27May2020 Clause	CSA C22.2#113:2015 Ed.10+U1 Clause	UL 1598:2021 Ed.5+R:18Jun2021 & CSA C22.2#250.0:2021 Ed.5+U1 Clause
Continuity of Grounding Circuit Test	42	-	-
Starting Current Test	44	-	-
Input Test	45	-	-
Temperature Test	46	-	-
Dielectric Voltage Withstand Test	47	-	-
Humidity Conditioning Test	53	-	-
Tests of Switches and Controls	59	-	-
Component Breakdown Test	65	-	-
Installation Test	74	-	-
Static Load Test	91.1	-	-
Static load test for ceiling-suspended fan blade brackets	91.4.1	-	-
Dynamic load test for ceiling-suspended fan blade brackets	91.4.2	-	-
Probe Test	-	5.2.7.3	-
Rating	-	6.3	-
Temperature	-	6.4	-
Dielectric Strength	-	6.5	-
Overload	-	6.6	-
Starting	-	6.10	-
Abnormal Temperature	-	6.11	-
Support Strength Tests for Pendent Ceiling Fans	-	6.20	-
Normal Temperature Test	-	-	15
Mold stress relief	-	-	17.4
Loading	-	-	17.15
Dielectric Voltage-withstand	-	-	18.1
Articulate Probe	-	-	18.4

8.0 Test Summary			
	UL 8750:2015 Ed.2+R:07Dec20 22	CSA C22.2#250.13:2 022 Ed.5	UL 60730-1:2016 Ed.5 CSA E60730- 1:2015 Ed.5
Test Description	Clause	Clause	Clause
Input Test	8.2	9.2	-
Temperature test	8.3	9.3	-
Dielectric Voltage-withstand	8.6	9.4	-
Component failure test	8.7.2	9.5.2	-
Determination of low-voltage, limited-energy circuit status	8.16	A.6-A.9	-
Protection against electric shock	-	-	8
Terminals and terminations	-	-	10
Constructional requirements	-	-	11
Electric strength and insulation resistance	-	-	13
Heating	-	-	14
Environmental stress	-	-	16
Mechanical strength	-	-	18
Creepage distances, clearances and distances through	-	-	20
Normal operation	-	-	25
Abnormal operation	-	-	27
8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Nick Lee	Reviewed by:	Derek Chow
Title:	Assistant Manager	Title:	Assistant Supervisor
Signature:	<i>Signature on file</i>	Signature:	<i>Signature on file</i>

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Zhongshan KEBASHI Electric Appliance Co., Ltd.
Address	2 of Fifth Floor, No.10 Yong yi 1st Road, Yong Xing Industrial Park, Henglan Town, Zhongshan City, Guangdong Province 528478
Country	China
Product	Ceiling Fan Lights

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:

Intertek Testing Services Hong Kong Limited

ETL Component Evaluation Center

Unit H, 3/F., Garment Centre, 576 Castle Peak Road

Kowloon, Hong Kong

Attn: Sample Room

Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test
Grounding Continuity Test

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contractors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.

The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.

If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:

- 1 - a voltmeter in the primary circuit;
- 2 - a selector switch marked to indicate the test potential; or
- 3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.

In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

<u>Product</u>	<u>Test Voltage</u>	<u>Test Time</u>
All products covered by this Report.	1000V	60 s
	or	
	1200V	1 s

11.2 Grounding Continuity Test

Method

Each cord-connected appliance having provision for grounding shall be tested, as a routine production-line test, to determine that grounding continuity exists between the ground blade of the attachment plug and the accessible dead metal parts of the appliance that are likely to become energized. Only a single test need be conducted if the accessible metal selected is conductively connected by design to all other accessible metal.

Products Requiring Grounding Continuity Test:

Product

All products covered by this Report.

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
12-Jun-2019	Derek Chow	2.0	-	Add new models, Model Similarity, Ratings for models KBS-5219, KBS-5294, KBS-5293, KBS-5282, KBS-5274, KBS-5271, KBS-5261, KBS-5234, KBS-4822, KBS-4814, KBS-4222, KBS-5218Z, KBS-5255, KBS-5257, KBS-5269, KBS-5250, KBS-5273, KBS-5272, KBS-5275, KBS-5277, KBS-5278, KBS-5286, KBS-5289, KBS-5287, KBS-5285, KBS-5290, KBS-5291, KBS-5292, KBS-5296, KBS-5279, KBS-5262, KBS-5238, KBS-5266, KBS-5267, KBS-5263, KBS-5262, KBS-5256, KBS-5299, KBS-5245, KBS-5246, KBS-5249, KBS-5232, KBS-4841, KBS-4813, KBS-4217, KBS-4223, KBS-5218, KBS-4228, KBS-5239, KBS-5248, KBS-5216, KBS-5228, KBS-4808C, KBS-5225C, KBS-52010, KBS-42002, KBS-4205, KBS-4213, KBS-4216, KBS-4224, KBS-4816, KBS-4802, KBS-5224, CLF1008A, CLF1010A, CLD1014A, CLF1016A, CLF1009A, CLF1013A, CLF1015A, CLF1011A, CL1012A, CLF1017A KBS-5226, KBS-4401, KBS-4701, KBS-5101, KBS-5101B, KBS-5101C, KBS-5252, KBS-5605, KBS-4836, KBS-5236, KBS-5236-3, KBS-5233, KBS-5207B, KBS-5247, KBS-5209F, KBS-5209G, KBS-5209S, KBS-52100, KBS-838, KBS-52006, KBS-851, KBS-848, KBS-4280, KBS-4218, KBS-5222, KBS-6001, KBS-5603, KBS-5604, KBS-5268, KBS-5284, KBS-4817, KBS-4262, KBS-5227, KBS-5227-9, KBS-5209-2, KBS-5209-3, KBS-5209-5, KBS-5209K, KBS-5209H, KBS-5209, KBS-5247-2, KBS-5240, KBS-5221, KBS-4858, KBS-4203, KBS-6004, KBS-6003
HK19051093 HKG	Nick Lee	3.0	33	Revise photo description for new models
			37-44	Added new photos for new models
		4.0	10, 24-30	Add Critical Components for new models.
		7.0	III2	Add model numbers for the circuit diagram.
			III2a	Add Circuit Diagram for new models.
			III3	Add description for label.
			III4a	Add Lamp Shade drawing for model KBS-5226.
		8.0	-	Revise Test Summary
		12.0	-	Revise Revisions Summary
4-Nov-2019	Nick Lee	2.0	-	Add new models, Model Similarity for models JYL9600A, JYL9601A, JYL9602A, JYL9603A, JYL9604A, JYL9605A, JYL9607A.
HK19101047 HKG		12.0	-	Revise Revisions Summary
	Derek Chow			

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
14-May-2020	Nick Lee	2.0	-	Revise model CL1012A to CLF1012A, add new models, Model Similarity, Ratings for models KBS-5295, KBS-4704, KBS-5284, KBS-5264, KBS-5225D, KBS-5225-8, KBS-5225, KBS-4824, KBS-52137, LT-02-004, KBS-4844, KBS-52151, KBS-6008, CLF1018A, CLF1019A, CLF1020A, CLF1021A, CLF1022A, KBS-4703, KBS-4705, KBS-4241, KBS-4239, KBS-4236, KBS-3606, KBS-52101, KBS-52109, KBS-52112, KBS-52113, KBS-52147C, KBS-52104, KBS-52130, KBS-52133, KBS-52134, KBS-52135, KBS-52136, KBS-52138, KBS-52141, KBS-52142, KBS-52143, KBS-52144, KBS-52149, JYL9600A, JYL9601A, JYL9602A, JYL9603A, JYL9604A, JYL9605A, JYL9607A
HK20031367 HKG	Derek Chow	9.0	ML1	Delete Multiple Listee 1: Bella Depot Inc, with Brand name: Bella Depot, models BD2401- followed by G, S, B, W or P; followed by -C, -N or -W, BD2402- followed by G, S, B, W or P; followed by -C, -N or -W, BD2403- followed by G, S, B, W or P; followed by -C, -N or -W, BD2404- followed by G, S, B, W or P; followed by -C, -N or -W, BD2405- followed by G, S, B, W or P; followed by -C, -N or -W, BD2406- followed by G, S, B, W or P; followed by -C, -N or -W, BD2407- followed by G, S, B, W or P; followed by -C, -N or -W, BD2408- followed by G, S, B, W or P; followed by -C, -N or -W, BD2409- followed by G, S, B, W or P; followed by -C, -N or -W, BD2410- followed by G, S, B, W or P; followed by -C, -N or -W.
		12.0	-	Revise Revisions Summary
10-Aug-2020	Nick Lee	2.0	-	Add new models, Model Similarity, Ratings for models F304, F405, F305, F306, F307, F406, F407, CLF1018A, CLF1019A, CLF1020A, CLF1021A, CLF1022A, KBS-4824, KBS-52137, LT-02-004, KBS-5295, KBS-4844, KBS-4703, KBS-4704, KBS-4705, KBS-4241, KBS-4239, KBS-4236, KBS-3606, KBS-5284, KBS-5264, KBS-5225D, KBS-5225-8, KBS-5225, KBS-52101, KBS-52109, KBS-52112, KBS-52113, KBS-52147C, KBS-52104, KBS-52130, KBS-52133, KBS-52134, KBS-52135, KBS-52136, KBS-52138, KBS-52141, KBS-52142, KBS-52143, KBS-52144, KBS-52149, KBS-52151, KBS-6008
HK20070518 HK20070994 HKG	Derek Chow	7.0	III3	Add description for ML1 label.
		9.0	ML1	Add Multiple Listee 1: Leiz(Shanghai) International Co.,Ltd, with Brand name: Leiz, model LZ-42002.
		12.0	-	Revise Revisions Summary

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
7-Sep-2021	Andy Ng	1.0	-	Update standards from UL 507:2017 Ed.10+R:22Feb2018 to UL 507:2017 Ed.10+R:27May2020
HK21050749 HKG		2.0	-	Add new models KBS-6005, KBS-5219, JYL9709A, JYL9710A, JYL9711A, JYL9611A, JYL9614A, JYL9618A, 72924, 72925, 72926, 72927, 72928, 72929, 72930, 72931, CF2108A, CF2109A, CF2110A, CF2111A to Models, Model Similarity, Ratings.
	Derek Chow	3.0	31-32, 34, 36	Add model numbers in photo description.
			45-63	Add new photos for new models
		4.0	10, 13a, 21a, 30	Add alternative component
			12-13	Add "For all models except model KBS-5219, KBS-6005." in Technical data and securement means
			21, 29	Add new model number in Technical data and securement means
			31-34	Add new items for new models.
		5.0	13a	Add Critical Unlisted CEC Components model 153*12
		7.0	III2a	Add circuit diagram for models KBS-5219, KBS-6005
			III3	ETL label adjustments
			III3b	Add Marking on lampholder for model KBS-5219
			III4	Add Drawing of Fan motor for motor 153*12
		8.0	-	Revise test summary.
		12.0	-	Revise revision summary
12-May-2022	Nick Lee	1.0	-	Re-write standard number from [CSA C22.2#113:2015 Ed.10+U1] to >Expires on: 01Jan2024< [CSA C22.2#113:2015 Ed.10+U1]
HK22040649 HKG		2.0	-	Add new models KBS-52185, KBS-52185-1, 3550112, 3550113, KBS-52183, SFN-C11, SFN-C11-1, SFN-C11-2, SFN-C12, SFN-C13, JYL9714A, JYL9714B, JYL9714C, JYL9714D, JYL9715A, JYL9715B, JYL9715C, JYL9715D, JYL9715E, JYL9716A, JYL9716B, JYL9717A, JYL9717B, JYL9717C, JYL9717D, JYL9717E, JYL9717F, JYL9718A, JYL9718B, JYL9718C, JYL9718D, JYL9719A, JYL9719B, JYL9719C, JYL9720A, JYL9720B, JYL9720C, JYL9721A, JYL9721B, JYL9721C, JYL9618B, CLF1023A, CLF1023B, CLF1025A, CLF1026A, CLF1027A, CLF1028A, CLF1029A, 9633-01-BLK, 9633-01-SNWH, 9503-01-MBRN, 9503-01-MBKWH, 9083-00BLK, 9173-015-SN, 9173-015-BLK-WH, 9464-01-WHWD, KBS-6003, KBS-6005-1, KBS-52245, KBS-52235, KBS-52K020, KBS-52K012, KBS-52K003, KBS-52233, KBS-52232, KBS-52219, KBS-52250, KBS-52251, KBS-52262, KBS-52198, KBS-52196, KBS-52187, KBS-52186, KBS-66K001, KBS-19003, KBS-19001, KBS-56K001, KBS-52266, KBS-66K001, KBS-52217, KBS-52223, KBS-52134, 52K027, 52K028, 52K033, 52K034, 52K006, 52K007 to Models, Model Similarity.
	Derek Chow	12.0	-	Revise revision summary

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
25-Jul-2023	Nick Lee	1.0	-	Re-write standard number from >Expires on: 01Jan2024< [CSA C22.2#113:2015 Ed.10+U1] to [CSA C22.2#113:2015 Ed.10+U1]
HK22110781 HKG		2.0	-	Add "dry location use" to descriptions Add new model KBS-52K012 to " Models", "Model Similarity", "Ratings".
	Derek Chow	3.0	64-79	Add photos for model KBS-52K012
		4.0	2-7, 13a, 16-17, 19-20, 22	Add photo number
			10,12, 13, 13a	Add model KBS-52K012 to the Technical data and securement means
			35-38	Add new items for new models.
		5.0	13a	Add photo number
			36, 37	Add new CEC components
		6.0	7	Add 2b-2d1 to item 7.
		7.0	2b- 2d2	Add Circuit Diagram for new model.
			5-8	Add drawing of Transformers
			9	Add Lamp Shade drawing for model KBS-52K012.
			10-13	Add Inductor drawing
		8.0	-	Revise test summary.
		9.0	ML1	Remove ML1: Leiz(Shanghai) International Co.,Ltd, model LZ-42002, with brand name: Leiz
		12.0	-	Revise revision summary
19-Oct-2023	Nick Lee	2.0	-	Add new models, Model Similarity for models 55VRS-MF/MWH, 55VRS-MF/MBK, 9083-MBK, 60WDRN-MBK/BK, 60WDRN-MWH/WH, 60WDRN-MBK/WAL, 60WDRN-MBK/WOK, CE-CFN147US-BK, CE-CFN352US-NK, CE-CFN452US-NK, KBS-52K087, KBS-52K085, KBS-52K088, KBS-52K074, KBS-60K004, JYL9712A, JYL9712B, JYL9712C, JYL9713A, JYL9713B, JYL9722A, JYL9722B, JYL9723A, JYL9723B, JYL9725A, KBS-52K098, KBS-52236, KBS-52K068, KBS-52K074, KBS-52237, KBS-52238, KBS-52252, KBS-52267, KBS-44K001, KBS-44K002, KBS-44K003, KBS-44K005, KBS-44K006, KBS-48K001, KBS-48K002, KBS-48K003, KBS-48K005, KBS-48K006, KBS-48K007, KBS-48K008, KBS-50K001, KBS-52K001, KBS-52K004, KBS-52K005, KBS-52K008, KBS-52K009, KBS-52K010, KBS-52K013, KBS-52K053, KBS-52K128, KBS-52K070, KBS-52K129, KBS-42K009, KBS-Y42203, KBS-52K030-AC-BK, KBS-24K005-DC-WH, KBS-Y42202, KBS-32K001, KBS-52K096, KBS-76K001, KBS-66K002, KBS-54K002, KBS-54K001, KBS-52K077, KBS-52K076, KBS-52K073, KBS-52K068, KBS-52K037, KBS-52K036, KBS-52159, KBS-48K006, KBS-29K001, KBS-23K001, KBS-22K001, KBS-20K002B, KBS-20K001.
HK23100352 HKG	Derek Chow			Add brand name Mirage Lighting
		12.0	-	Revise revision summary

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
16-May-2024	Nick Lee	2.0	-	Add new models KBS-42K002, KBS-38K009, KBS-66K005, KBS-66K004, KBS-52K136, KBS-48K010, KBS-52K139, KBS-52153, KBS-48K022, KBS-42K043, 22K011, KBS-48K015, KBS-20K002B, KBS-52K131, KBS-52K142, KBS-52K146, KBS-52K088, KBS-52K046, KBS-52K158, KBS-10K002, KBS-52K065, KBS-52K074, KBS-48K020, KBS-4808-D, KBS-Y48019, KBS-Y48021, KBS-24K007, KBS-20K026, KBS-38K010, KBS-32K001, KBS-16K002, KBS-52K015, KBS-52K103, KBS-52K109, KBS-52K059, CF301, CF401 to Models, Model Similarity.
HK24041498 HKG		6.0	7	Revise the referral to Illustration No. 2, 2a, 2b-2d2.
	Derek Chow		13	Add Logo Dependent Marking
		7.0	3	Update Rating & Caution Artwork
		12.0	-	Revise revision summary
29-Oct-2024	Nick Lee	2.0	-	Add new models AIR8000A, AIR8000B, AIR8000C, AIR8000D, AIR8000E, AIR8001A, AIR8001B, AIR8001C, JYL9612A, JYL9607B, KBS-W22K003, KBS-W22K010, KBS-W24K011, KBS-W20K042, KBS-46K001, KBS-56K015, KBS-56K009, KBS-52K151, KBS-52K152, KBS-42K025, KBS-42K032, KBS-42K031, KBS-52K162, KBS-72K002, KBS-42K030, KBS-18K005, KBS-16K008, KBS-E10K004, KBS-E11K001, KBS-72K007, KBS-84K001, KBS-W19K005, KBS-W15K001, KBS-20K002A, KBS-E16K002, KBS-E16K003, KBS-E16K004, KBS-E16K005, KBS-E16K006, KBS-E16K007, KBS-E16K008, KBS-W17K001, KBS-52K203, KBS-52K169, KBS-42K142, KBS-52K204, KBS-52K205, KBS-52K181, KBS-60K010, KBS-52K051, KBS-52K219, KBS-42K060, KBS-36K004, KBS-56K016, KBS-3001, KBS-3602, KBS-42K005, KBS-3370, KBS-42K010, KBS-8918, KBS-Y42194, KBS-Y42195, KBS-Y42197, KBS-Y42160, KBS-Y42116, KBS-Y4265, KBS-52150-1, KBS-52150, KBS-44K009, KBS-44K011, KBS-48K011, JYL9613A to Models, Model Similarity.
HK24090327 HKG		6.0	9	Revise description for Marking.
	Derek Chow		3	Delete label artwork.
		7.0	3a, 3b	Revise subject to "Caution Artwork".
		12.0	-	Revise revision summary

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

[illegible]