



zhuguang-sh.com



**SHANGHAI
UNIVERSE**

CHRISTMAS WORLD

IEC 60598-2-20:2014 EN 60598-2-20:2015

ENERGY

SUPPLIER'S NAME
UN(SH)-WW-100LED+EC/S/210/IP44

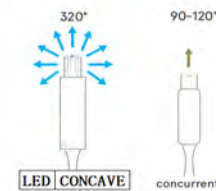
A
B
C
D
E
F
G

7 kWh/1000h

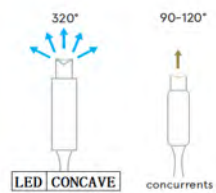
2019/2015

**5-YEAR
GUARANTEES**

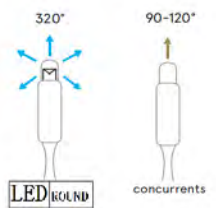
LED HEXAGON



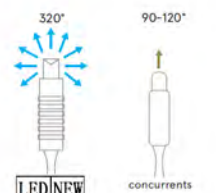
LED CONCAVE



LED ROUND



LED NEW



UN(SH) - A(M*N)L+C/D/E/F/R/XY/IPyz
A=12~3000 x LEDs



1-Normal LED 7 Lumen / 3 v 20 mA
2-Supper bright LED 18 Lumen / 3 v 100 mA
φ3 mm ~ φ8 mm / 80~95 CRI
Multicolor (4 colors or 5 colors)-Cold white
Warm white-Red-Blue-Yellow-Purple-Pink-Green
or Combination color



3v/20mA x LEDs 123W Max. 220~250VDC
3v/100mA x LEDs 123W Max. 220~250VDC



Outdoor IP44~IP67 Waterproof level



1- 60245 IEC 57a
H03RN-F / H05RN-F / H07RN-F
2-60227 IEC 52a
H03VH7-F / H03VVH2-F / H05VVH2-F



φ3~8mm 1/8~1/2Hz Flashing LED



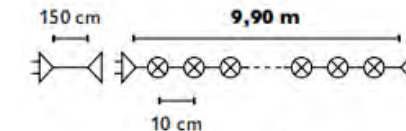
IP44-IP67 European Plug
150cm 220v-250v AC-DC
60245 IEC 57a



Connected 12000~38000 LEDs
1- 3A Full Wave Rectifier
2- 6A Full Wave Rectifier
3- 10A Full Wave Rectifier



EPREL Model : UN(SH)-XX-xxx
(M*N)LED/C/D/E/F/R/X/Y/IPa
2400 hours whole test

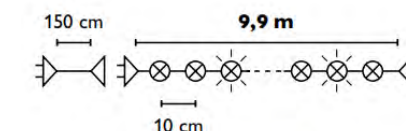


100 x LEDs CHAINS-blubs space 10cm-150 cm supply
black rubber cable 2 x 1,0 mm² IP44/IP67 -GS/CE/VDE
AC 220v~250v/3A/50Hz
Connectable

29 x 21,5 x 52 cm carton size / 0.032 m3
25 x 20 x 9 cm box size
6 pcs / carton

6 w Max.
Connected 100 sets x 9,90 m Max.

CE/LVD Model
UN(SH)-100LED+EC/S/210/IP44
ERP/EPREL Model
UN(SH)-WW-100LED+EC/S/210/IP44



Flashing - 25% 1/8 Hz

CE/LVD Model
UN(SH)-100LED+EC/S/F/210/IP44
ERP/EPREL Model
UN(SH)-WW-100LED+EC/S/210/IP44

PREMIUM & PROFESSIONAL Waterproof & Indoor & Outdoor Lighting - Household / Citying / Engineering

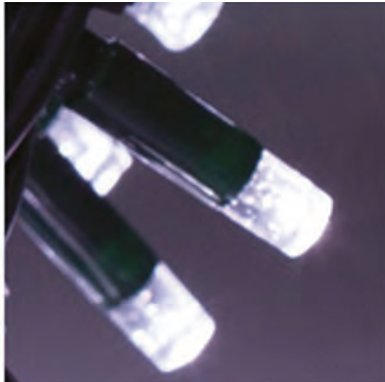
100 x LEDs x 10 sets CHAINS - COLD WHITE
with REEL for Enginnering
blubs space 10cm
10 m x 10 sets = 100 m
150 cm supply
Rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220v~250v/10A/50Hz
Connectable

38,5 x 38,5 x 35 cm carton size / 0.052m3
1 pcs / carton

60 w Max.
Connected 300 sets Max.

CE/LVD Model
UN(SH)-1000LED+EC/ICE/210/IP44

ERP/EPREL Model
UN(SH)-WW-1000LED+EC/ICE/210/IP44



100 x LEDs x 10 sets CHAINS - WARM WHITE
with REEL for Enginnering
blubs space 10cm
10 m x 10 sets = 100 m
150 cm supply
Rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220v~250v/10A/50Hz
Connectable

38,5 x 38,5 x 35 cm carton size / 0.052m3
1 pcs / carton

60 w Max.
Connected 300 sets Max.

CE/LVD Model
UN(SH)-1000LED+EC/ICE/210/IP44

ERP/EPREL Model
UN(SH)-WW-1000LED+EC/ICE/210/IP44



PREMIUM & PROFESSIONAL Waterproof & Indoor & Outdoor Lighting - Household / Citying / Engineering

100 x LEDs x 10 sets CHAINS
with REEL for Enginnering

blubs space 5~10cm
10 m x 10 sets = 100 m

150 cm supply
Rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220 V~250 V / 50Hz - DC 24 V

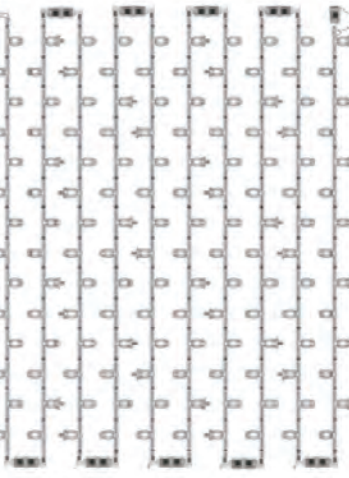
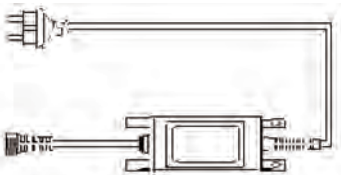
Connectable

38,5 x 38,5 x 35 cm carton size / 0.052m3
1 pcs / carton

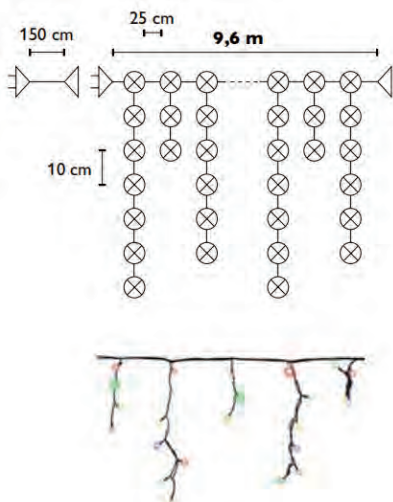
60 w Max.
Connected 300 sets Max.

CE/LVD Model
UN(SH)-1000LED+EC/S/210/IP44

ERP/EPREL Model
UN(SH)-WW-1000LED+EC/S/210/IP44



PREMIUM & PROFESSIONAL Waterproof & Indoor & Outdoor Lighting - Household / Citying / Engineering

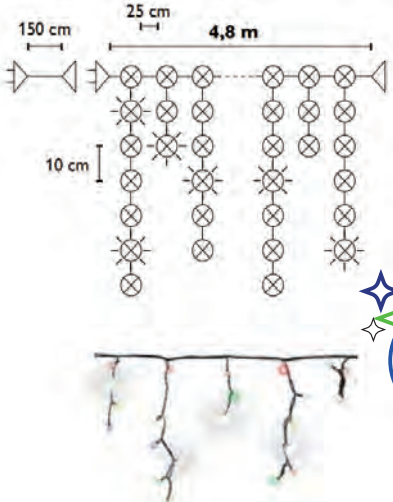


200 x LEDs-ICICLE
7-3-6-4... x LEDs
blubs space 10cm
string space 25cm
9,60 m x 0,70 m
150 cm supply
black rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220v~250v/3A/50Hz
Connectable

32 x 24,5 x 60 cm carton size / 0.047m3
29 x 23 x 10 cm box size
6 pcs / carton

12 w Max.
Connected 50 sets Max.

CE/LVD Model
UN(SH)-200LED+EC/ICE/210/IP44
ERP/EPREL Model
UN(SH)-WW-200LED+EC/ICE/210/IP44



100 x LEDs-ICICLE with flashing 25% 1/8Hz
7-3-6-4... x LEDs
blubs space 10 cm
string space 25 cm
4,80 m x 0,70 m
150 cm supply
black rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220v~250v/3A/50Hz
Connectable

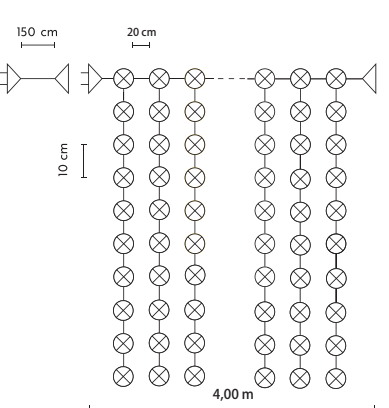
29 x 21,5 x 48 cm carton size / 0.030m3
23 x 20 x 9 cm box size
6 pcs / carton

12 w Max.
Connected 100 sets Max.

CE/LVD Model
UN(SH)-100LED+EC/ICE/F/210/IP44
ERP/EPREL Model
UN(SH)-WW-100LED+EC/ICE/F/210/IP44



PREMIUM & PROFESSIONAL Waterproof & Indoor & Outdoor Lighting - Household / Citying / Engineering

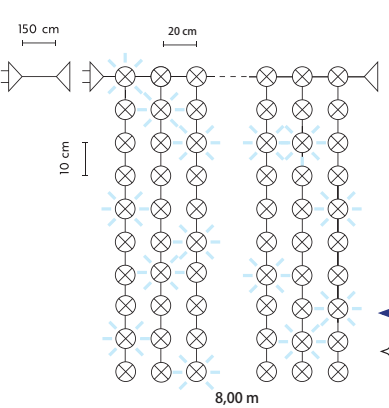


200 x LEDs-CURTAIN
blubs space 10cm
string space 20cm
4,00 m x 1,00 m
150 cm supply
black rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220v~250v/3A/50Hz
Connectable

32 x 24,5 x 60 cm carton size / 0.047m3
29 x 23 x 10 cm box size
6 pcs / carton

12 w Max.
Connected 50 sets Max.

CE/LVD Model
UN(SH)-200LED+EC/C-ICE/210/IP44



400 x LEDs-CURTAIN
blubs space 10cm
string space 20cm
8,00 m x 1,00 m
150 cm supply
black rubber cable 2 x 1,0 mm2
IP44 / IP67
GS/CE/VDE
AC 220v~250v/3A/50Hz
Connectable

47 x 26,5 x 62 cm carton size / 0.077m3
30 x 25 x 15 cm box size
6 pcs / carton

24 w Max.
Connected 25 sets Max.

CE/LVD Model
UN(SH)-400LED+EC/C-ICE/F/210/IP44

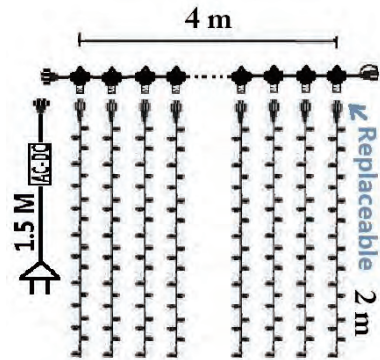


400 x LEDs-MAIN CABLE-CURTAIN
20 strings x 20 LEDs
blubs space 10cm
string space 20cm
4,00 m x 2,00 m
150 cm supply
black rubber cable 2 x 1,0 mm2
IP44/IP67
GS/CE/VDE
AC 220v~250v/10A/50Hz
Connectable
Replaceable per string
1 x 0,50 mm2 rubber

47 x 26,5 x 62 cm carton size / 0.077m3
30 x 25 x 15 cm box size
6 pcs / carton

24 w Max.
Connected 30 sets Max.

CE/LVD Model
UN(SH)-400LED+EC/R/C-ICE/210/IP44



834 x LEDs-CURTAIN LIGHT - MAIN CABLE / Combination
No.1 6 strings / 0,90 m x 20 LEDs / 2,40 m
with 6 sets Main cable
No.2 9 strings / 1,35 m x 50 LEDs / 6,00 m
with 9 sets Main cable
No.3 6 strings / 0,90 m x 14 LEDs / 1,60 m
with 6 sets Main cable
No.4 6 strings / 0,90 m x 30 LEDs / 3,60 m
with 6 sets Main cable / 0,90 m

Strings between 15 cm
Bulbs between 12 cm

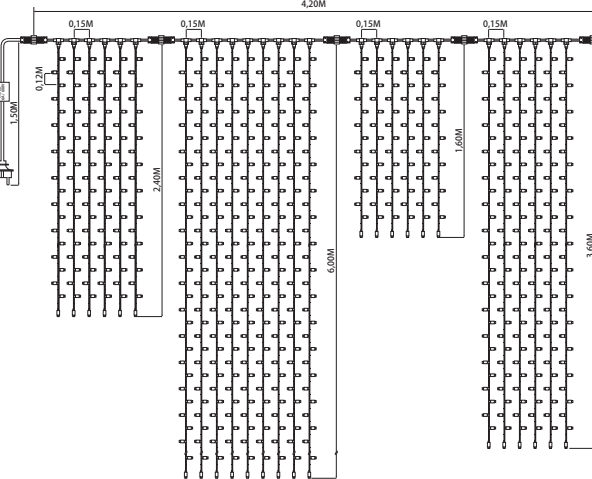
Total 27 strings Main cable
4,20 m x 6,00 m

150 cm supply
Rubber cable H05RN-F 2 x 1,0 mm2
IP44/IP67
GS/CE/VDE
AC 220v~250v/10A/50Hz
Connectable
Replaceable per string
1 x 0,50 mm2 rubber

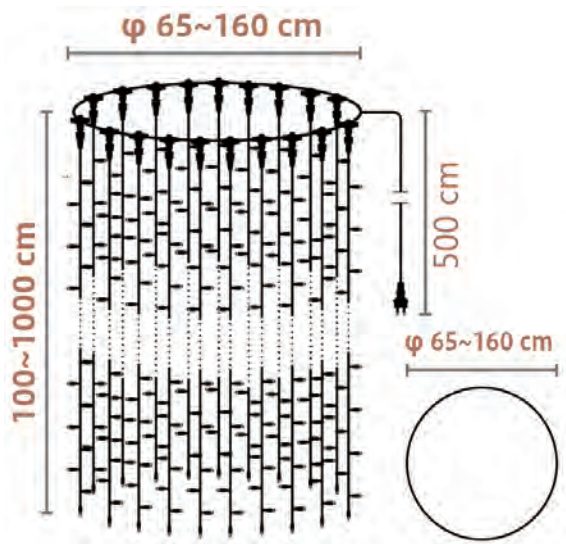
40 x 30 x 35 cm carton size / 0.042 m3
1 pcs / carton

50 w Max.
Connected 25 sets Max.

CE/LVD Model
UN(SH)-834LED+EC/R/C-ICE/210/IP44



Waiting For XMAS



LEDs	Width	Height	Diameter
200	2 m	2 m	65 cm
450	3 m	3 m	95 cm
1000	4 m	4 m	125 cm
1500	5 m	5 m	160 cm

Every Bulbs distance 10 cm , Strings distance 20 cm

With MAIN CABLE or without
Every strings be Replaceable
Every strings be Connectable

IP44~IP67 / 10 A GS/CE plug
5 m Extend + 1.5 m supply

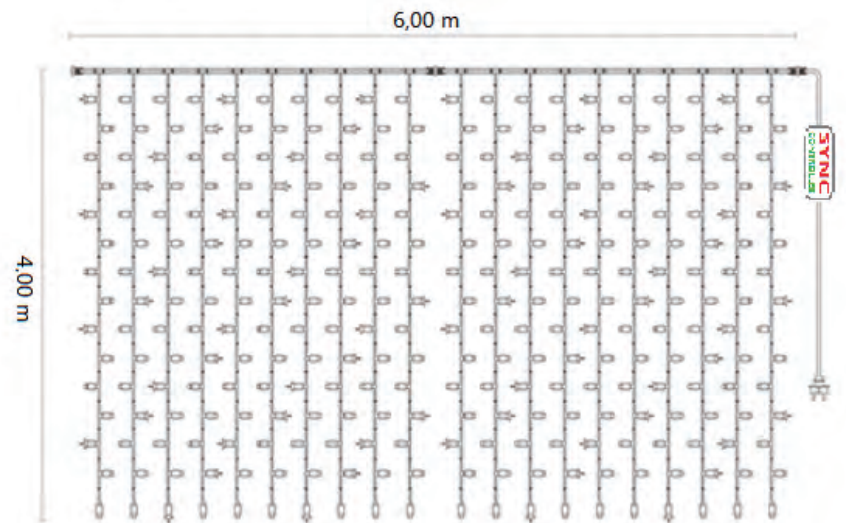
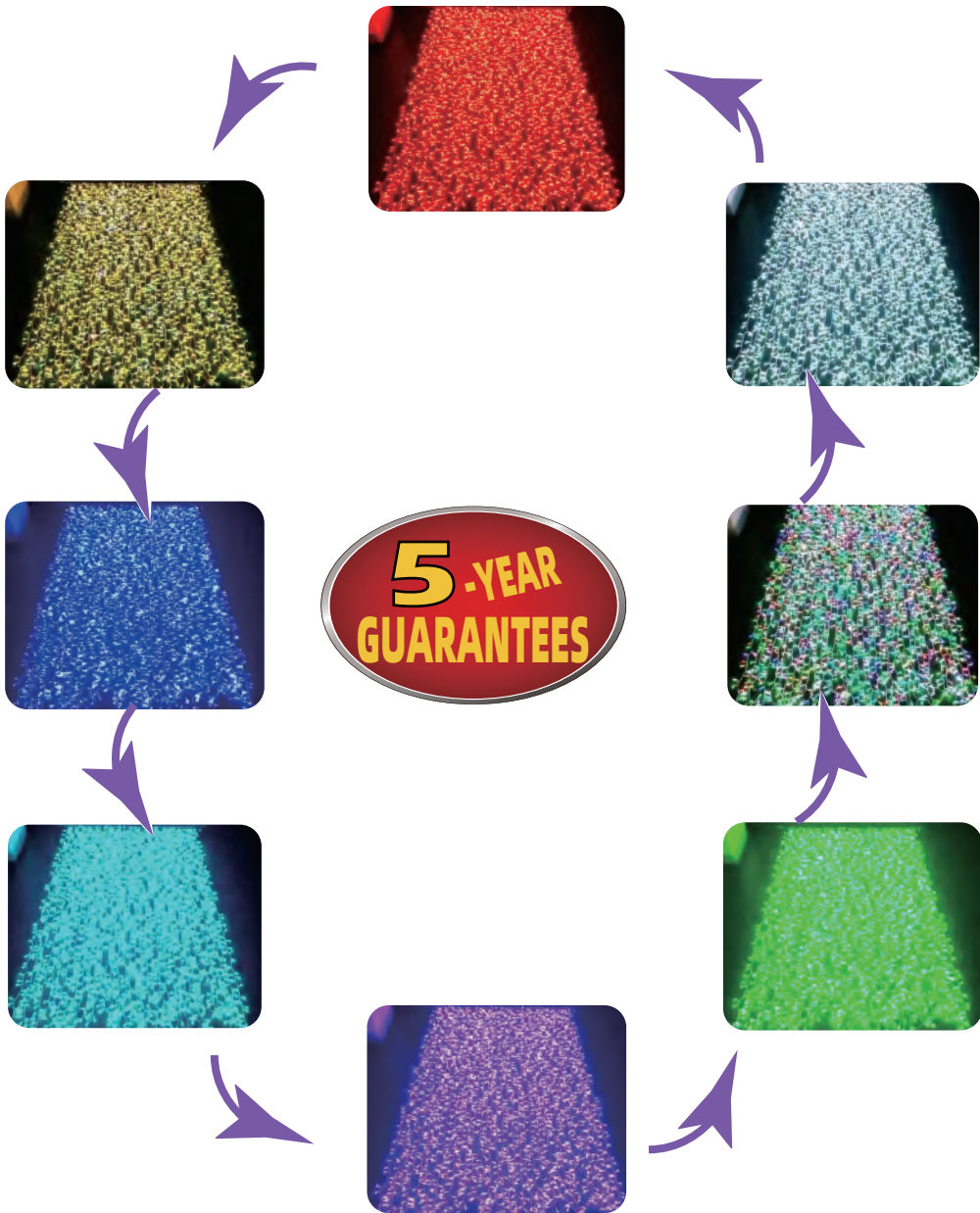
Synchronization

2000 LEDs SYNC CURTAIN lighting
with or without Main cable
40 strings / 6 m x 50 leds / 4 m
Sync control controller
150 cm supply + 500cm extended line
2 x 1,0 mm2 RUBBER CABLE European Plug
CE/VDE
220v~250v 50Hz / IP44 ~ IP67
Connectable

SYNC Funcation controller + remote

RGB LEDs / Multi-red-yellow/warm-blue-purple-green-pink-white
SYNC CHANGE

COMBINA TION
INWAVES
SEQUENTIAL
SLO GLO
CHASING / FLASH
SLOW FADE
TWINKLE / FLASH
STEADY ON

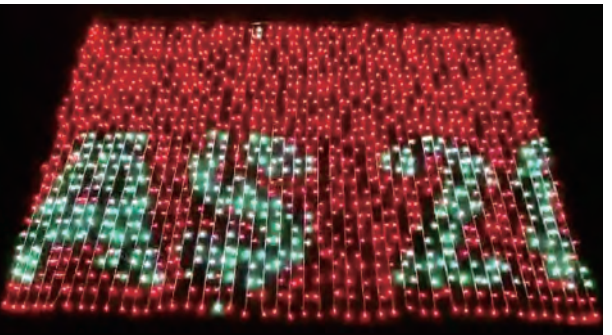
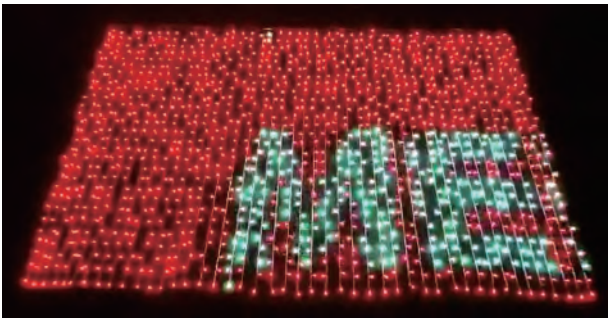
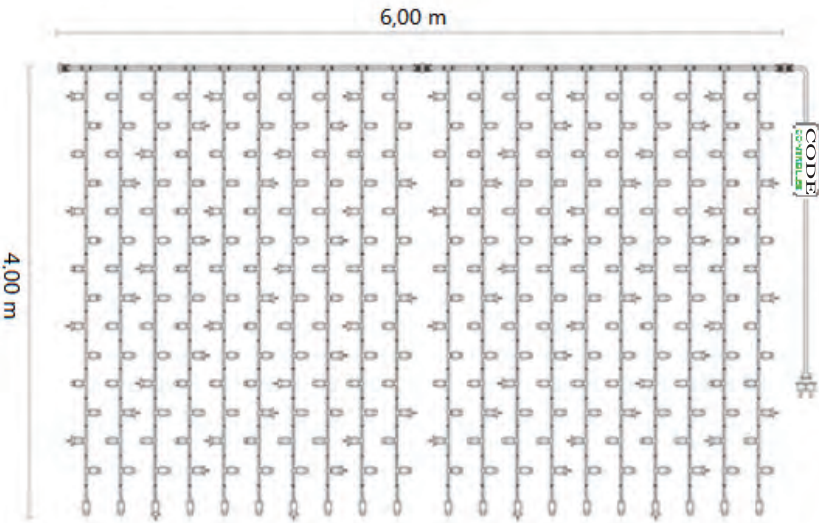


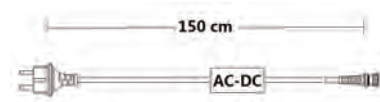
Code Program

2000 LEDs CODE CURTAIN lighting
with or without Main cable
40 strings / 6 m x 50 leds / 4 m
Program point control
150 cm supply + 500cm extended line
2 x 1,0 mm2
CE/VDE
220v~250v 50Hz
Connectable

Program point control controller
+ remote

Programmable text, pattern and shape, scene



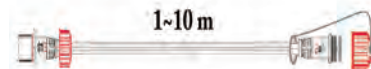


European Plug / +Controller
150 cm supply
2 x 1,0 mm²
GS/CE/VDE
AC 220v~250v 50Hz - DC 220v~250v

Black / White / Green /... Rubber Cable

57 x 19,5x 42 cm carton size / 0.047m³
18 x 9,5 cm Plastic box
24 pcs / carton

CE/LVD Model
UN(SH)P-IP44

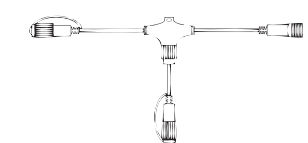
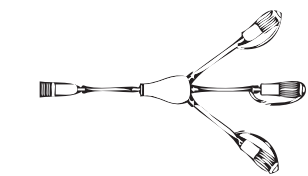
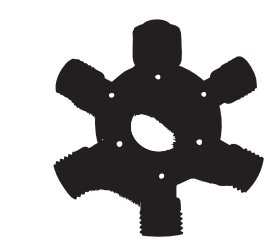


EXTENDING Connector Cable
Male - Female
0,1 m ~ 10,0 m Length
2 x 1,0 mm²
2 x 1,5 mm²
GS/CE/VDE
AC 220v~250v 50Hz - DC 220v~250v

Black / White / Green /... Rubber Cable

57 x 19,5x 42 cm carton size / 0.047m³
18 x 9,5 cm Plastic box
24 pcs / carton

CE/LVD Model
UN(SH)A-IP44



Accessor Connector Cable
Male - Female
2 x 0,5 mm²
2 x 1,0 mm²
GS/CE/VDE
AC 220v~250v 50Hz - DC 220v~250v

Black / White /... Rubber Cable

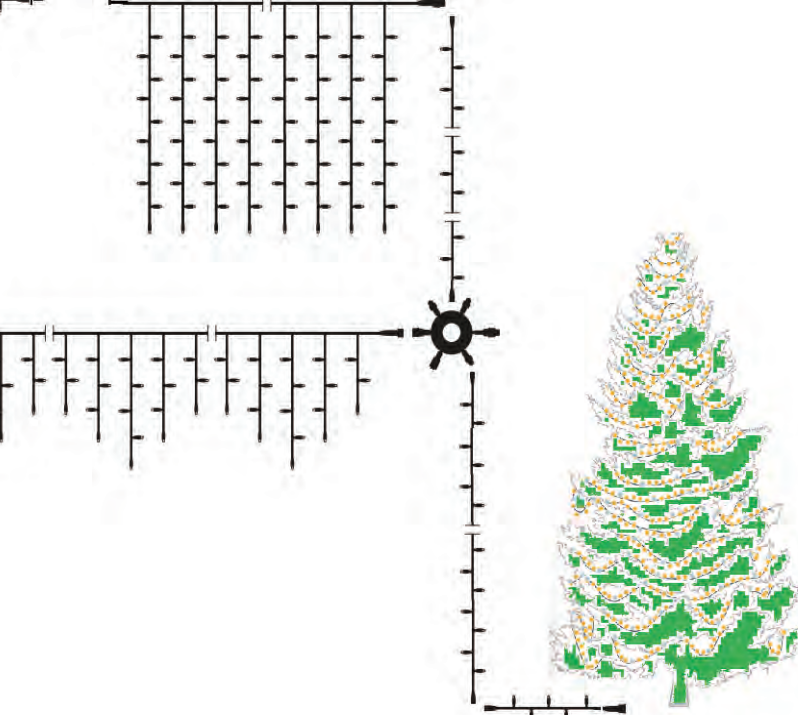
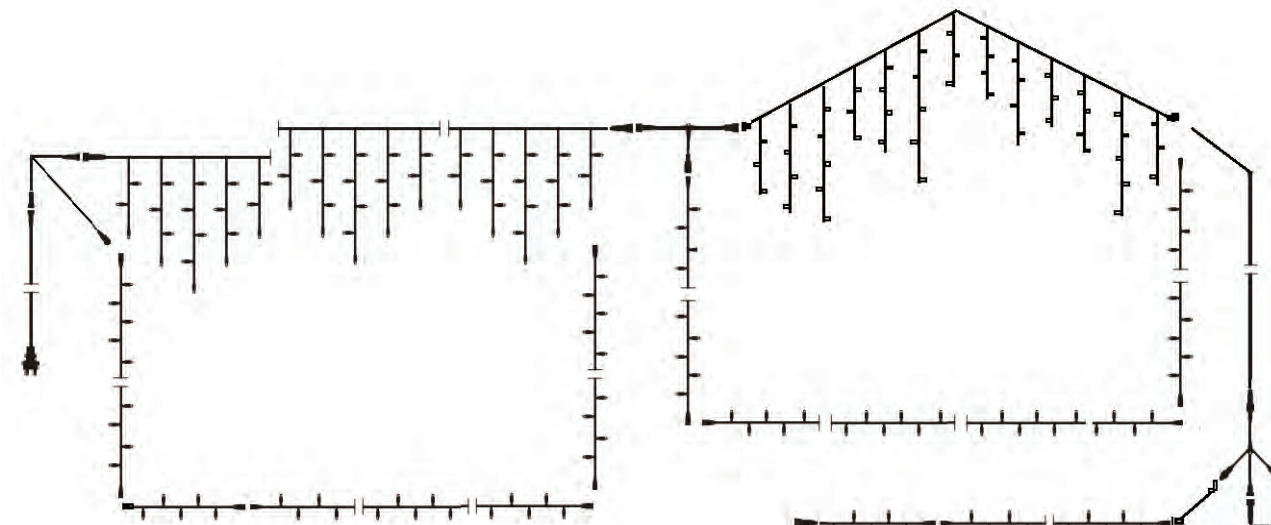
CE/LVD Model
UN(SH)A-IP44



Accessor MAIN CABLE Connector
For replaced string lighting
Male - Female
Per string - Female
2 x 1,0 mm²
2 x 1,5 mm²
5 ~ 20 strings
10 cm ~ 20 cm strings space
GS/CE/VDE
AC 220v~250v 50Hz - DC 220v~250v

Black / White /... Rubber Cable

CE/LVD Model
UN(SH)A-IP44



IEC 60598-2-20:2014 EN 60598-2-20:2015



UN(SH) - A(M*N)L+C/D/E/F/R/mnV/X/Y/IPyz
A=01~1200 x LEDs



1-Normal LED 7 Lumen / 3 v 20 mA
2-Supper bright LED 18 Lumen / 3 v 100 mA
φ 3 mm ~ φ 8 mm / 80~95 CRI
Multicolor (4 colors or 5 colors)-Cold white
Warm white-Red-Blue-Yellow-Purple-Pink-Green
or Combination color



3v/20mA x LEDs xxW Max. 31VDC Transformer
3v/100mA x LEDs xxW Max. 31VDC Transformer



Outdoor & Indoor with Transformer



H07VVH-F 1 x 0.15 mm2
black-white-green-transpare...



φ 3~8mm 1/8~1/2Hz Flashing 3v 20mA



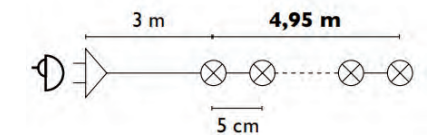
IP44 European Transformer
220 V ~ 250 V AC- 31VDC Apatar
H07VVH-F 2 x 0.15 mm2



Connected 1000 LEDs in 6 W Transformer
10000 LEDs in 24 W Transformer
As 100 x LEDs connected 10 sets Max. with 6W



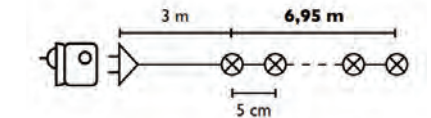
EPREL Model : UN(SH)-XX-xxx
(M*N)LED/C/D/E/F/R/X/Y/IPa
2400 hours whole test



100 x LEDs-blubs space 5cm-300 cm supply
PVC cable 2 x 0,15 mm2
IP44 -GS/CE TRANSFORMER 6W / 0.2a Max.
AC 220V~240V-50/60Hz - DC 31V

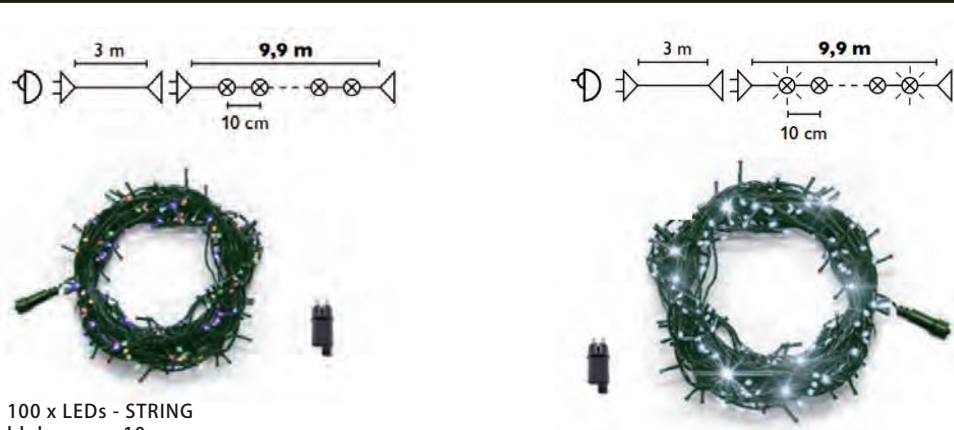
44 x 17,5 x 54 cm carton size / 0.042 m3
16 x 7 x 13 cm box size
24 pcs / carton

CE/LVD Model
UN(SH)-100LED/S/DC31V/1/5/IP44
ERP/EPREL Model
UN(SH)-WW-100LED/S/DC31V/1/5/IP44



CHSING with Controller 2-1 transformer
140 x LEDs

CE/LVD Model
UN(SH)-140LED/S/8F/DC31V/1/5/IP44
ERP/EPREL Model
UN(SH)-WW-140LED/S/8F/DC31V/1/5/IP44

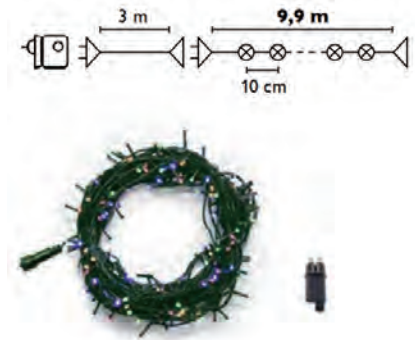


100 x LEDs - STRING
blubs space 10 cm
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

44 x 18,5 x 66 cm carton size / 0.054m3
17 x 7 x 14 cm box size
24 pcs / carton

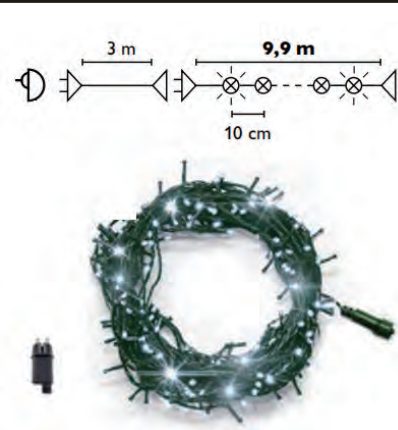
Connected 10 sets Max. in 6W

CE/LVD Model
UN(SH)-100LED+EC/S/DC31V/1/10/IP44
ERP/EPREL Model
UN(SH)-WW-100LED+EC/S/DC31V/1/10/IP44



CHASING Connectable
100 x LEDs

CE/LVD Model
UN(SH)-100LED+EC/S/8F/DC31V/1/10/IP44
ERP/EPREL Model
UN(SH)-WW-100LED+EC/S/8F/DC31V/1/10/IP44

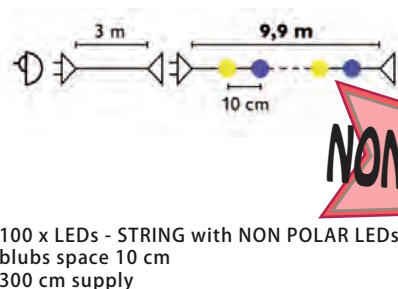


100 x LEDs - STRING with flashing 20% 1/8Hz
blubs space 10 cm
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 9W / 0.29A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

44 x 18,5 x 66 cm carton size / 0.054m3
17 x 7 x 14 cm box size
24 pcs / carton

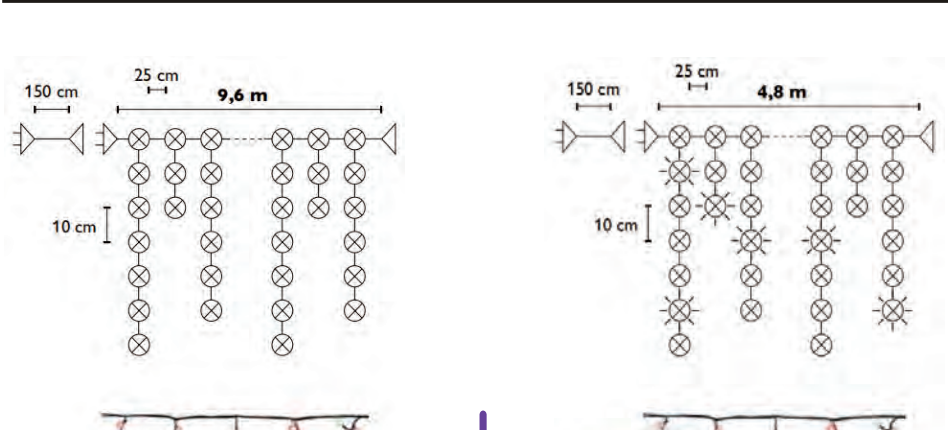
Connected 10 sets Max. in 9W

CE/LVD Model
UN(SH)-100LED+EC/S/F/DC31V/1/10/IP44
ERP/EPREL Model
UN(SH)-WW-100LED+EC/S/F/DC31V/1/10/IP44



100 x LEDs - STRING with NON POLAR LEDs
blubs space 10 cm
300 cm supply
PVC wire 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2a Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

CE/LVD Model
UN(SH)-100NPLED+EC/S/F/DC31V/1/10/IP44

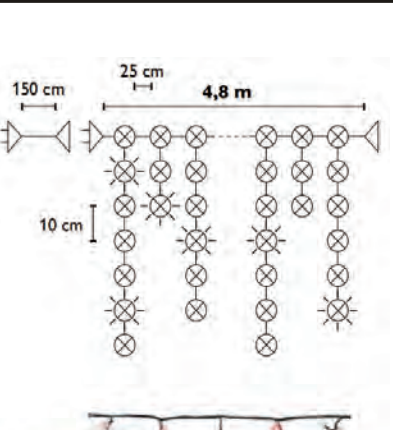
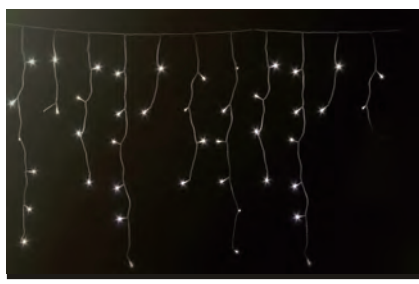


200 x LEDs-ICICLE
7-3-6-4... x LEDs
blubs space 10cm
string space 25cm
9,60 m x 0,70 m
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 9W / 0.29A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

50 x 20,5 x 36 cm carton size / 0.037m3
19 x 8 x 17 cm box size
12 pcs / carton

Connected 10 sets Max. in 9W

CE/LVD Model
UN(SH)-200LED+EC/ICE/DC31V/1/10/IP44
ERP/EPREL Model
UN(SH)-WW-200LED+EC/ICE/DC31V/1/10/IP44

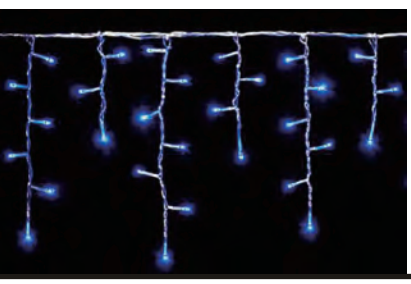


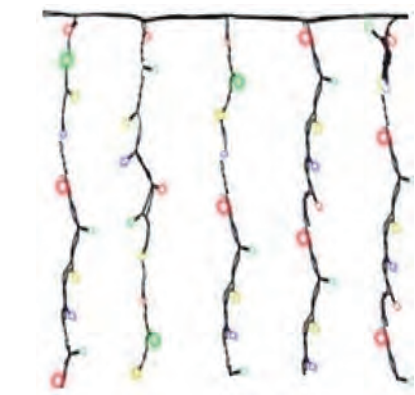
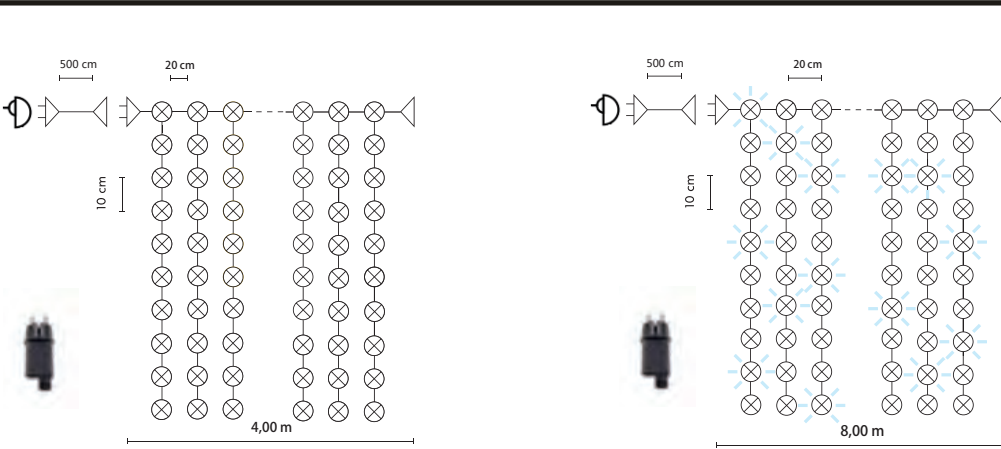
100 x LEDs-ICICLE
7-3-6-4... x LEDs
blubs space 10cm
string space 25cm
4,80 m x 0,70 m
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 9W / 0.29A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

50 x 20,5 x 36 cm carton size / 0.037m3
19 x 8 x 17 cm box size
12 pcs / carton

Connected 10 sets Max. in 9W

CE/LVD Model
UN(SH)-200LED+EC/ICE/DC31V/1/10/IP44
ERP/EPREL Model
UN(SH)-WW-200LED+EC/ICE/DC31V/1/10/IP44



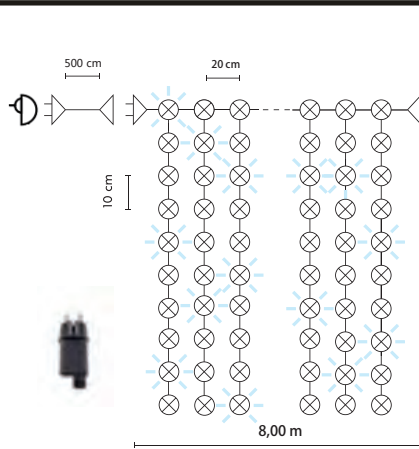


200 x LEDs - CURTAIN
blubs space 10cm
string space 20cm
4,00 m x 1,00 m
500 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 12W / 0.39A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

50 x 20,5 x 36 cm carton size / 0.037 m3
19 x 8 x 17 cm box size
12 pcs / carton

Connected 10 sets Max. in 12W

CE/LVD Model
UN(SH)-200LED+EC/C-ICE/DC31V/1/10/IP44
ERP/EPREL Model
UN(SH)-WW-200LED+EC/C-ICE/DC31V/1/10/IP44

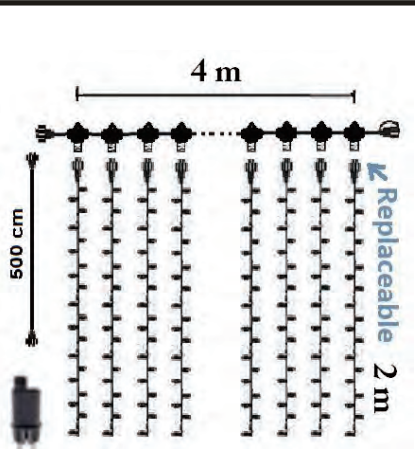


400 x LEDs - CURTAIN with flashing 20% 1/8Hz
blubs space 10cm
string space 20cm
4,00 m x 2,00 m
500 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 12W / 0.39A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

56 x 22,5 x 42 cm carton size / 0.053 m3
21 x 9 x 20 cm box size
12 pcs / carton

Connected 10 sets Max. in 12W

CE/LVD Model
UN(SH)-400LED+EC/C-ICE/F/DC31V/1/10/IP44

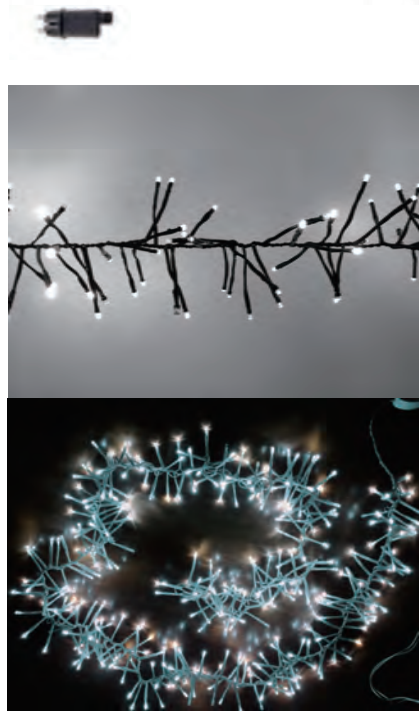


400 x LEDs - MAIN CABLE - CURTAIN
20 strings x 20 LEDs
blubs space 10cm
string space 20cm
4,00 m x 2,00 m
500 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 15W / 0.48A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable
Replaceable per string
1 x 0,15 mm2 PVC

56 x 21,5 x 48 cm carton size / 0.058m3
23 x 20 x 9 cm box size
12 pcs / carton

Connected 10 sets Max. in 15W

CE/LVD Model
UN(SH)-400LED+EC/C-ICE/DC31V/1/10/IP44



600 x LEDs - CLUSTER
blubs space 2,50 cm
18,00 m length
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 9W / 0.29A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

56 x 21,5 x 48 cm carton size / 0.058m3
23 x 20 x 9 cm box size
12 pcs / carton

Connected 10 sets Max. in 9W

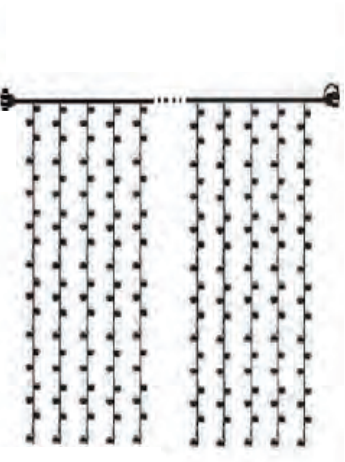
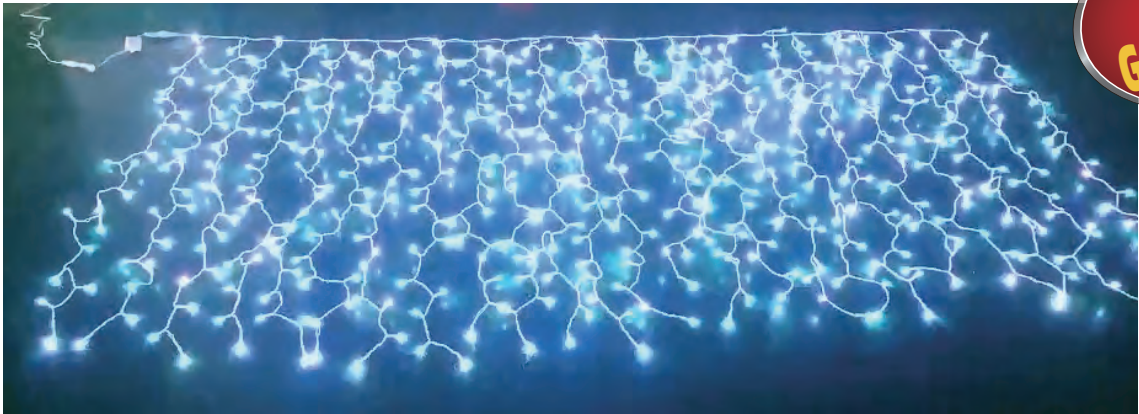
CE/LVD Model
UN(SH)-600LED+EC/S/DC31V/1/10/IP44



**3-YEAR
GUARANTEES**



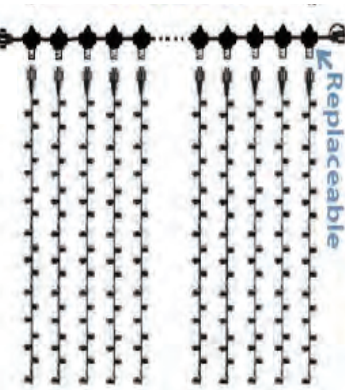
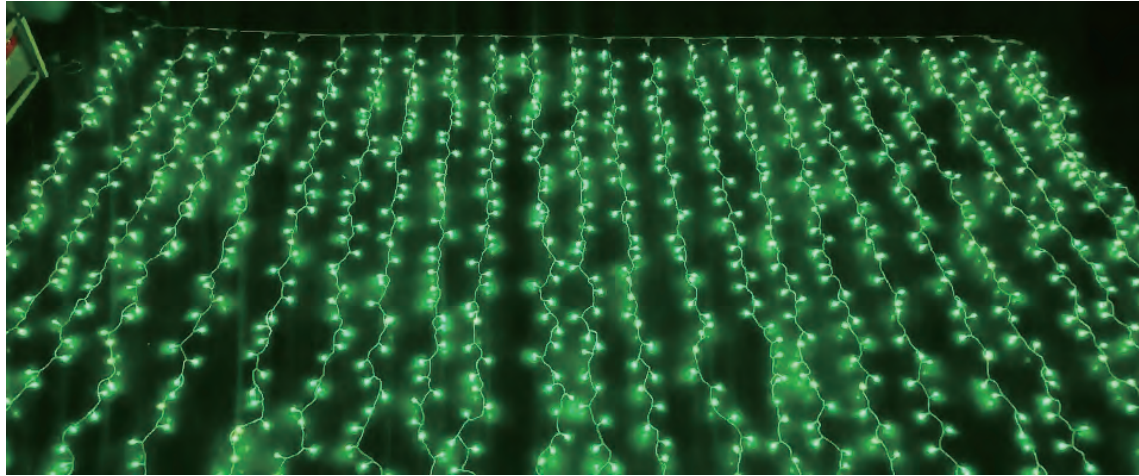
Synchronization



840 LEDs SYNC CURTAIN lighting
with or without Main cable
24 strings / 2,40 m x 35 leds / 2,80 m
Sync control controller
500cm lead wire
2 x 0.15 mm2 pvc cable
CE/VDE
AC 220v~250v 50Hz - DC 24v~48v / IP44 ~ IP67
Transformer
Connectable

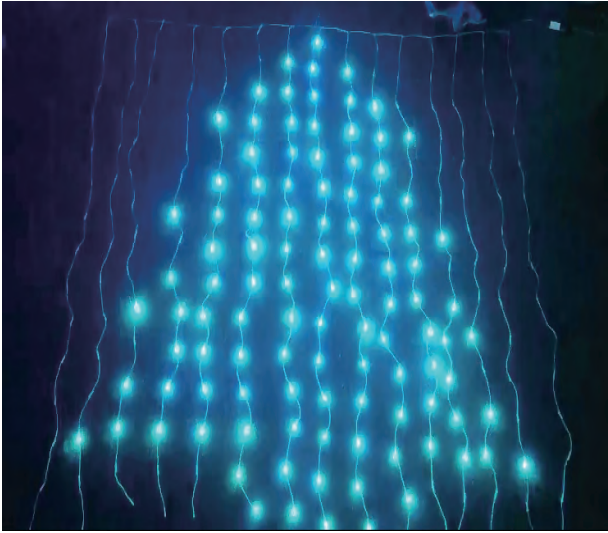
SYNC Fuction controller + remote
RGB LEDs / Multi-red-yellow/warm-blue-purple
-green-pink-white
SYNC CHANGE

COMBINA TION
INWAVES
SEQUENTIAL
SLO GLO
CHASING / FLASH
SLOW FADE
TWINKLE / FLASH
STEADY ON

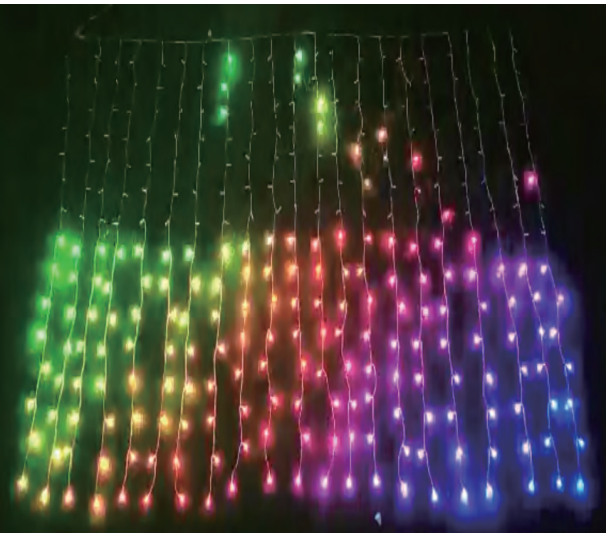


Code Program

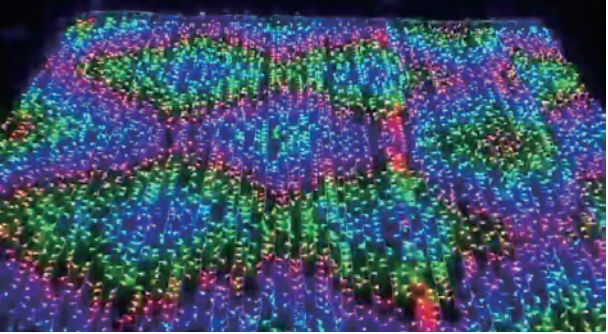
225 LEDs 8 CODE CURTAIN lighting
without Main cable
15 strings / 2 m x 15 leds / 1.5 m
500cm extended line
2 x 0.15 mm2
CE/VDE
DC 5V/ IP44Transformer
+ controller + APP Mobile

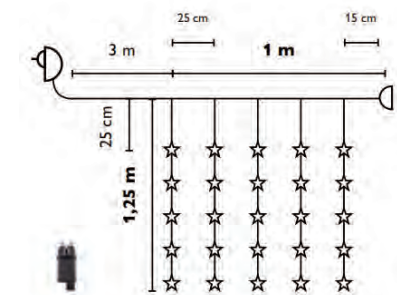


315 LEDs 256 CODE CURTAIN lighting
without Main cable
21 strings / 3 m x 15 leds / 2,0 m
500cm extended line
2 x 0.15 mm2
CE/VDE
DC 24V/ IP44Transformer
+ controller + APP Mobile



420 LEDs 512 CODE ø 80cm BALL lighting
without Main cable
30 strings x 14 leds / 14cm bulbs place
500cm extended line
2 x 0.15 mm2
CE/VDE
DC 24V/ IP44Transformer
+ controller + APP Mobile





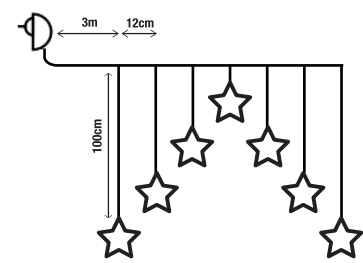
**3-YEAR
GUARANTEES**

25 x LEDs - CURTAIN with 5 x 7 cm 3D star
blubs space 10cm
string space 25cm
1,00 m x 1,25 m
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.39A Max.
AC 220V~240V-50/60Hz - DC 31V
Connectable

50 x 19,5 x 46 cm carton size / 0.045 m3
22 x 18 x 8 cm box size
12 pcs / carton

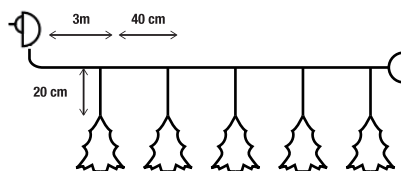
Connected 10 sets Max. in 6W

CE/LVD Model
UN(SH)-25LED+EC/D/C-ICE/DC31V/1/10/IP44

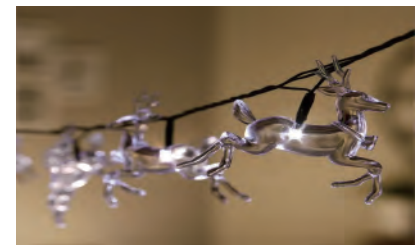
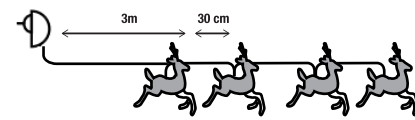


70 x LEDs - STRING with Double Star
7 / Stars x 10 LEDs / blubs space 10cm
300 cm supply - PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2A Max.
AC 220V~240V-50/60Hz - DC 31V

CE/LVD Model
UN(SH)-70LED/D/S/DC31V/3/10/IP44

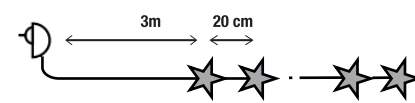


50 x LEDs - STRING with Double Tree
5 / Trees x 10 LEDs / blubs space 10cm
300 cm supply - PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2A Max.
AC 220V~240V-50/60Hz - DC 31V



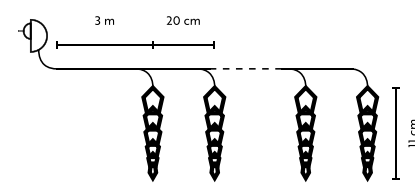
20 x LEDs - STRING with 3D Deer
blubs space 30cm / 5,80 m length
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2A Max.
AC 220V~240V-50/60Hz - DC 31V

CE/LVD Model
UN(SH)-20LED/D/S/DC31V/1/30/IP44



20 x LEDs - STRING with 3D Deer
blubs space 30cm / 5,80 m length
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2A Max.
AC 220V~240V-50/60Hz - DC 31V

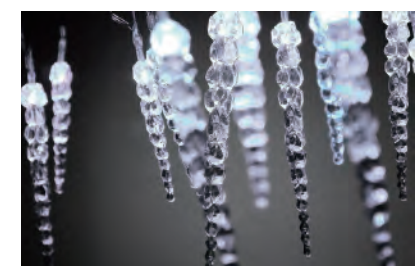
CE/LVD Model
UN(SH)-20LED/D/S/DC31V/1/30/IP44



30 x LEDs - STRING with 11 cm 3D Ice
blubs space 20cm / 5,80 m length
300 cm supply
PVC cable 2 x 0,15 mm2
IP44 - GS/CE TRANSFORMER 6W / 0.2A Max.
AC 220V~240V-50/60Hz - DC 31V

Blue LED / Green PVC

CE/LVD Model
UN(SH)-30LED/D/S/DC31V/1/20/IP44



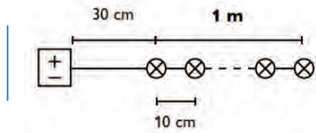
Cold White LED / Transpare PVC

CE/LVD Model
UN(SH)-30LED/D/S/DC31V/3/20/IP44

34 x 19,5 x 47 cm carton size / 0.031 m3
18 x 8 x 15 cm box size
12 pcs / carton

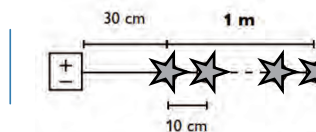
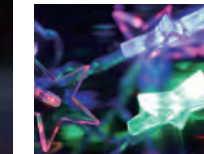


**1-YEAR
GUARANTEES**



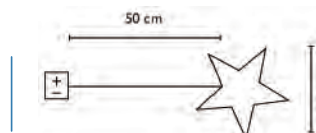
10 x LEDs - STRING with 2 x AA
blubs space 10 cm / 30 cm supply
INDOOR

CE Model
UN(SH)-2AA-10LED



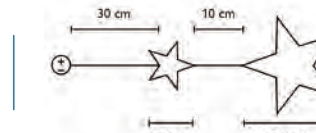
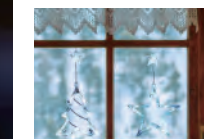
10 x LEDs - STRING + Pendant with 2 x AA
blubs space 10 cm / 30 cm supply
INDOOR

CE Model
UN(SH)-2AA-10LED



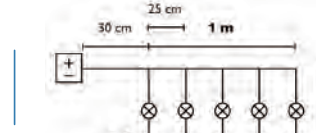
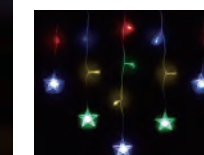
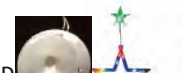
10 x LEDs - STAR with 2 x AA
blubs space 10 cm / 30 cm supply
INDOOR

CE Model
UN(SH)-2AA-10LED



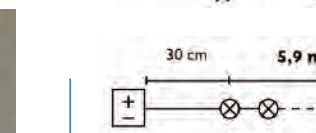
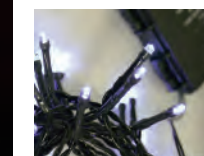
11 x LEDs - STAR with 3 x AAA
blubs space 10 cm / 30 cm supply
INDOOR

CE Model
UN(SH)-3AAA-11LED



14 x LEDs - ICICLE STAR with 2 x AA
blubs space 10 cm / 30 cm supply
INDOOR

CE Model
UN(SH)-2AA-14LED



50~1000 x LEDs - STRING CHASING
3 x AA / 6 x AA / 3 x D battery
Steady & timer & 8 Function
blubs space 10 cm
30~100 cm supply
OUTDOOR

CE Model
UN(SH)-B-xxLED



NANO LED Lighting Decoration





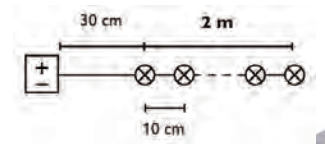
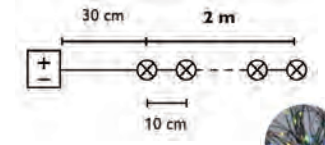
10 ~ 500 x LEDs
CHAINS NANO
blubs space 5 ~ 10 cm
30 cm supply
with battery
INDOOR
with Transformer
OUTDOOR
Sliver wire

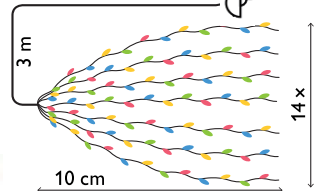
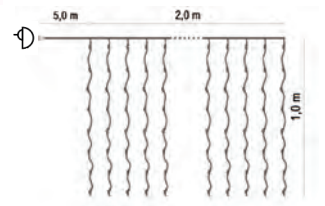
10 ~ 500 x LEDs
CHAINS NANO
blubs space 5 ~ 10 cm
30 cm supply
with battery
INDOOR
with Transformer
OUTDOOR
Green wire

10 ~ 500 x LEDs
NANO Cluster
blubs space 2,5 ~ 5 cm
300 cm supply
6 v Transformer
OUTDOOR & INDOOR

100 ~ 1000 x LEDs
NANO Cascade
14 strip x 10 leds
Or Customizable
blubs space 5 ~ 10 cm
300 cm supply
6 v / 12 v Transformer
OUTDOOR & INDOOR

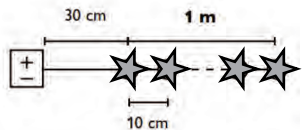
100 ~ 1000 x LEDs
NANO Curtain
20 strip x 10 leds
Or Customizable
blubs space 5 ~ 10 cm
strings space 10 ~ 25 cm
300 cm supply
6 v / 12 v Transformer
OUTDOOR & INDOOR

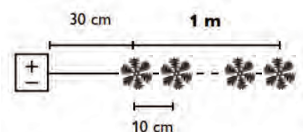





10 ~ 500 x LEDs
CHAINS
+ Star $\varnothing$ 1 cm
blubs space 5 ~ 10 cm
30 cm supply
with battery
INDOOR
with Transformer
OUTDOOR



10 ~ 500 x LEDs
CHAINS
+ SNOW $\varnothing$ 1 cm
blubs space 5 ~ 10 cm
30 cm supply
with battery
INDOOR
with Transformer
OUTDOOR



50 ~ 1000 x LEDs
CHAINS NANO LIGHT
+ 3D BALL

blubs space 5 ~ 10 cm
30 cm supply
with battery
INDOOR

300 cm supply
with Transformer
OUTDOOR & INDOOR

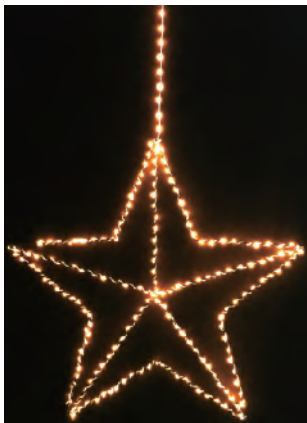
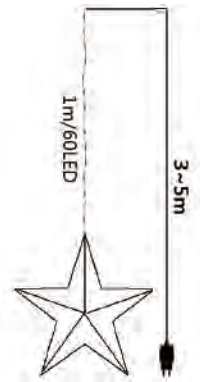
**3-YEAR
GUARANTEES**

Dia.Ball	LEDs	Adapter
15 cm	50	3xAA
30 cm	100	3xAA
30 cm	100	3xD&12 V
50 cm	500	3xD&12 V
60 cm	600	3xD&12 V



100 ~ 1000 x LEDs
CHAINS WINDING
blubs space 5 ~ 10 cm
with $\varnothing$ 30 ~ 60 cm iron
30 cm supply
with battery
INDOOR

with Transformer 6v / 12v
OUTDOOR & INDOOR



$\varnothing$ 30 cm + $\varnothing$ 60 cm + $\varnothing$ 100 cm
With Curtain Nano light + Circle
blubs space 5 cm
chains space 5 cm

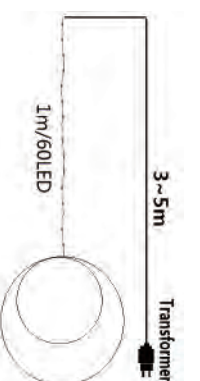
$\varnothing$ 30 cm iron with Curtain - 20 strings/1 m x 60 leds/3,00 m
 $\varnothing$ 60 cm iron with Curtain - 40 strings/2 m x 50 leds/2,50 m
 $\varnothing$ 100 cm iron with Curtain - 60 strings/3 m x 40 leds/2,00 m

500 cm supply
with Transformer 24 v
OUTDOOR & INDOOR



100 ~ 1000 x LEDs
CHAINS WINDING
blubs space 5 ~ 10 cm
with $\varnothing$ 30 ~ 60 cm circle
30 cm supply
with battery
INDOOR

with Transformer 6v / 12v
OUTDOOR & INDOOR



**3-YEAR
GUARANTEES**

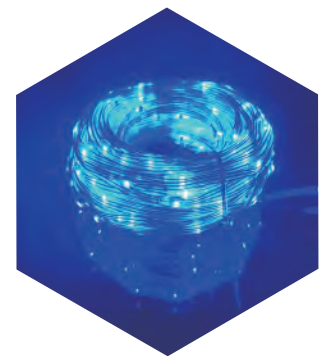


SOFT LED



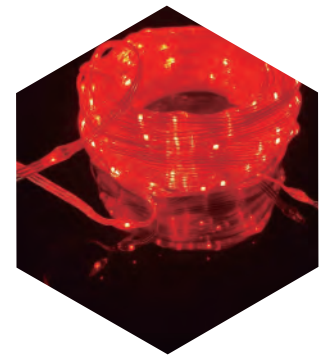
10 ~ 1000 x LEDs
CHAINS - GREEN
blubs space 5 ~ 10 cm
30 cm supply
with battery & USB
INDOOR

300 cm supply
with Transformer
OUTDOOR
& INDOOR



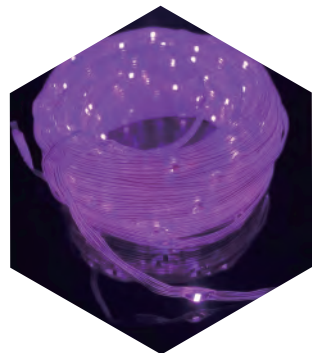
10 ~ 1000 x LEDs
CHAINS - BLUE
blubs space 5 ~ 10 cm
30 cm supply
with battery & USB
INDOOR

300 cm supply
with Transformer
OUTDOOR
& INDOOR



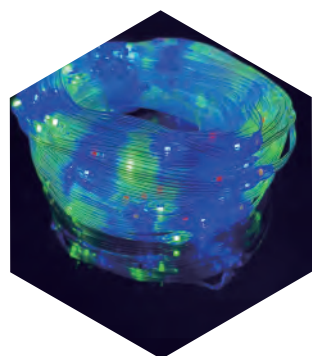
10 ~ 1000 x LEDs
CHAINS - RED
blubs space 5 ~ 10 cm
30 cm supply
with battery & USB
INDOOR

300 cm supply
with Transformer
OUTDOOR
& INDOOR



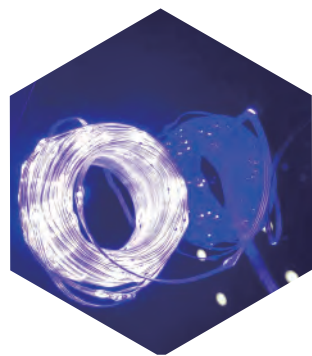
10 ~ 1000 x LEDs
CHAINS - PINK
blubs space 5 ~ 10 cm
30 cm supply
with battery & USB
INDOOR

300 cm supply
with Transformer
OUTDOOR
& INDOOR



10 ~ 1000 x LEDs
CHAINS - MULTI
blubs space 5 ~ 10 cm
30 cm supply
with battery & USB
INDOOR

300 cm supply
with Transformer
OUTDOOR
& INDOOR



10 ~ 1000 x LEDs
CHAINS - WHITE
blubs space 5 ~ 10 cm
30 cm supply
with battery & USB
INDOOR

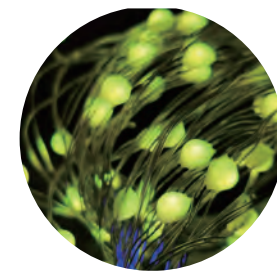
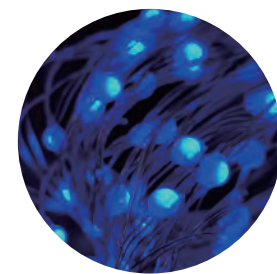
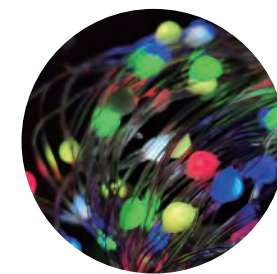
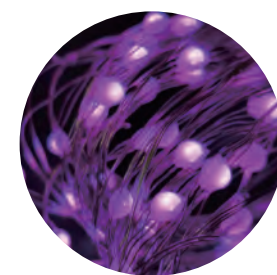
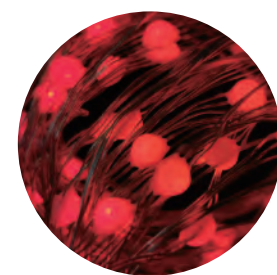
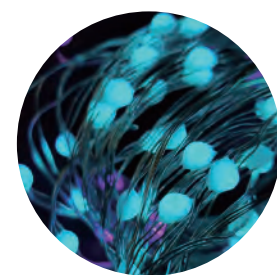
300 cm supply
with Transformer
OUTDOOR
& INDOOR



STEADY
FUNCATION
RGB+REMOTE
RGB+APP



SMART LED

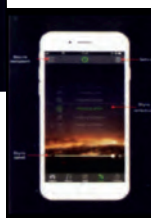
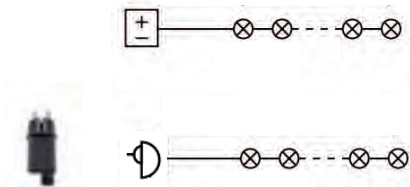


10 ~ 1000 x LEDs RGB&WARM
CHAINS - CURTAIN - CASCADE
blubs space 5 ~ 10 cm
100 cm supply - Connectable
battery
USB
IP20 Transformer + control
Power supply
INDOOR

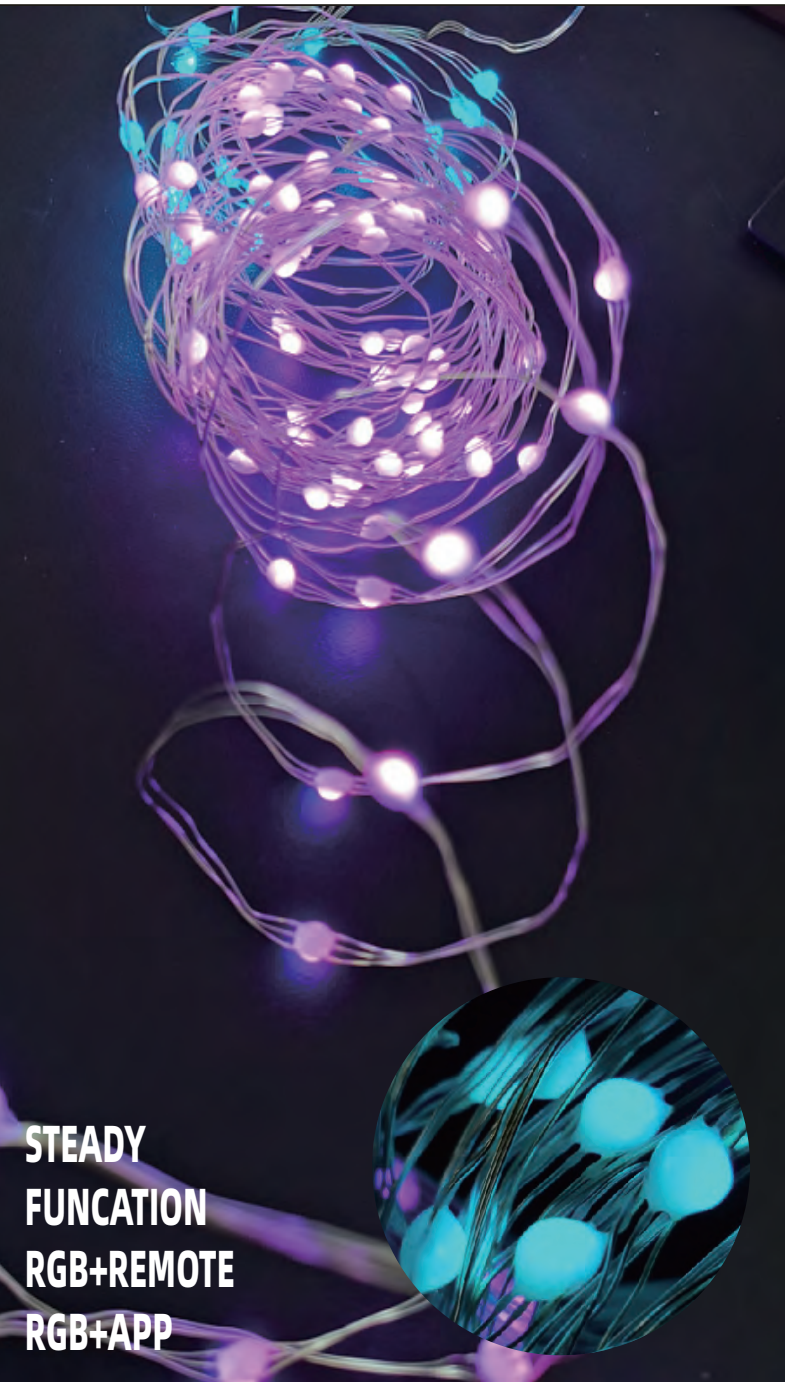


300 cm supply
with IP44 Transformer
OUTDOOR
& INDOOR

APP control Funcations
Remote control
or both



STEADY
FUNCATION
RGB+REMOTE
RGB+APP



SOFT **LED**

Point Control

600 x LEDs RGBs
CURTAIN
20 strings x 30 leds / 3m
blubs space 10 cm

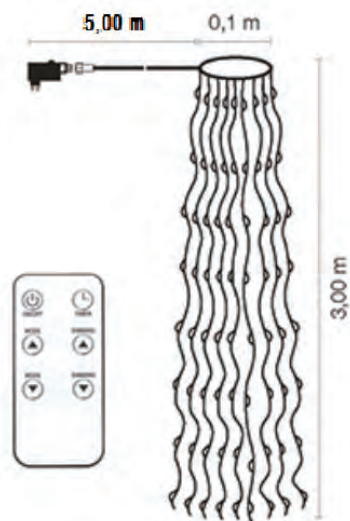
500 cm supply
with IP44 Transformer DC 12 V

CE / ROHS

OUTDOOR
& INDOOR

APP Bluetooth control Funcation

CAN BE USED CHRISTMAS TREE
For 1.8 /2.1/2.4 m height tree



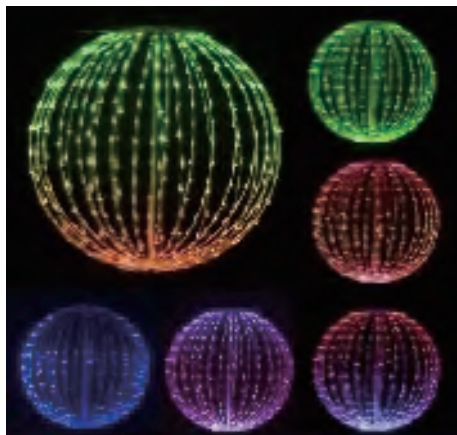
XX x LEDs RGBs
with plastic BALL
Curtain structure
blubs space 10 cm

500 cm supply
with IP44 Transformer DC 12 V

CE / ROHS

OUTDOOR
& INDOOR

APP Bluetooth control Funcation



CHRISTMAS WORLD *lighting*

UNIVERSE

zhuguang-sh.com

