

I、LED DISPLAY

FY S - 180 1 1 A EG - 1 1 - XXX
 1 2 3 4 5 6 7 8 9 10

1.Brand: FORYARD

2.Mode:

- S-single digit D-Double digits T-Three digits Q-Four digits and Over
- E-Segment V-Module Type M-Dot Matrix ML-Lamp Dot Matrix
- L-(S, D, T, Q)-SMD Type

3.FYS, FYD, FYT, FYQ, FYE, FYL(S, D, T, Q)-Digit Character Height 30-0.3" 180-1.8" 400-4.0"
 FYM, FYLM-Dot Matrix Height 7-0.7" 10-1.0" 23-2.3"

4.FYS, FYD, FYT, FYQ, FYE, FYL(S, D, T, Q)-Digit Number:1-Single Digit 2-Double Digits ----
 FYM, FYLM-Column

5.FYS, FYD, FYT, FYQ, FYE, FYL(S, D, T, Q)-Model Number:1-Mode 1 , 2-Mode 2 ----
 FYM, FYLM-Row

6.Drive Mode: A, C, E----Common Cathode B, D, F----Common Anode Z----Common use

7.Color Code:

CODE	COLOR	λ p	MATERIAL	CODE	COLOR	λ p	MATERIAL
H	Red	700	GaP	UHR	Ultra Hi Red	640	AlGaInP
S	Hi Red	660	AlGaAs,SH	UR	Ultra Red	635	AlGaInP
D	Super Red	650	AlGaAs,DH	UE	Ultra Orange	625	AlGaInP
E	Orange	625	GaAsP	UA	Ultra Amber	610	AlGaInP
A	Amber	610	GaAsP	UY	Ultra Yellow	590	AlGaInP
Y	Yellow	590	GaAsP	UG	Ultra Green	570	AlGaInP
G	Green	570	GaP	PG	Ultra Pure Green	520	AlGaInP
B	Blue	460/470	InGaN	BG	Ultra Blue Green	505	AlGaInP
PG	Pure Green	520	InGaN	UB	Ultra Blue	460/470	InGaN
W	White	/	InGaN	UW	Ultra White	/	InGaN

8.Reflector Surface Color:

- 0-White Surface 1-Black Surface 2-Gray Surface 3-Red Surface 4-Blue Surface ----

9.Segment Epoxy Color:

- 0-Water Clear 1-White Diffused 2-Red Diffused 3-Green Diffused
- 4-Yellow Diffused 5-YAG Diffused 6-Blue Diffused

10.Special Code:

- LXX:Pin Length -B: Both Side Decimal Point -N:No Decimal Point -DW:Double V
- M: Surface Patch -BS:Black Sides -Z:Pin Bent

II、LED BARGRAPH & LIGHTBAR

FY A - R 10 2510 B Z S - 1 1 - XXX
 1 2 3 4 5 6 7 8 9 10 11

- 1.Brand: FORYARD
- 2.Mode:
- 3.Shape: R-Rectangular S-Square C-Circle T-Arrow
- 4.Display Area Number
- 5.Reflector Length & Reflector Width: 2510--25mm*10mm
- 6.Model Number:A、 B、 C---Mode A、 B、 C---
- 7.Drive Mode: A、 C、 E-----Common Cathode B、 D、 F-----Common Anode Z-----Common use
- 8.Color Code:

CODE	COLOR	λ p	MATERIAL	CODE	COLOR	λ p	MATERIAL
H	Red	700	GaP	UHR	Ultra Hi Red	640	AlGaInP
S	Hi Red	660	AlGaAs,SH	UR	Ultra Red	635	AlGaInP
D	Super Red	650	AlGaAs,DH	UE	Ultra Orange	625	AlGaInP
E	Orange	625	GaAsP	UA	Ultra Amber	610	AlGaInP
A	Amber	610	GaAsP	UY	Ultra Yellow	590	AlGaInP
Y	Yellow	590	GaAsP	UG	Ultra Green	570	AlGaInP
G	Green	570	GaP	PG	Ultra Pure Green	520	AlGaInP
B	Blue	460/470	InGaN	BG	Ultra Blue Green	505	AlGaInP
PG	Pure Green	520	InGaN	UB	Ultra Blue	460/470	InGaN
W	White	/	InGaN	UW	Ultra White	/	InGaN

- 9.Reflector Surface Color:
 0-White Surface 1-Black Surface 2-Gray Surface 3-Red Surface 4-Blue Surface ----
- 10.Segment Epoxy Color:
 0-Water Clear 1-White Diffused 2-Red Diffused 3-Green Diffused
 4-Yellow Diffused 5-YAG Diffused 6-Blue Diffused

- 11.Special Code:
 LXX:Pin Length -B: Both Side Decimal Point -N:No Decimal Point -DW:Double Wire
 M: Surface Patch -BS:Black Sides -Z:Pin Bent

III、LED OUTDOOR LAMP CLUSTER

FY CL - S 11*16 A R1G2B1
 1 2 3 4 5 6

- 1.Brand: FORYARD
- 2.Mode:CL-Lamp Cluster
- 3.Shape:R-Round S-Square
- 4.Display Unit Dimension and Quantity
- 5.Model Number: A、 B、 C-----
- 6.Color Code

IV、LED LAMP

FY L - 50 1 3 SUR D 1E - /SO
 1 2 3 4 5 6 7 8 9

1.Brand: FORYARD

2.Mode: L-LED Lamp

3.LED Size: 50-Φ5mm 100-Φ10mm 25-2mm*5mm

4.Item Shape:

- | | | | |
|----------------------|-------------------|---------------|-------------|
| 0-Round Without Edge | 1-Round With Edge | 2-Bullet Head | 3-Concave |
| 4-Flat | 5-8-Ellipse | A-Square | B-Triangle |
| C-Nipple | D-Straw hat | E-Tower | F-Tombstore |

5.Lead Frame Type

6.Color Code:

CODE	COLOR	λ p	MATERIAL	CODE	COLOR	λ p	MATERIAL
H	Red	700	GaP	VR	Pink	/	InGaN
SR	Hi Red	660	AlGaAs	UR	Ultra Red	630	AlGaInP
LR	Bright Red	650	AlGaAs	UE	Ultra Orange	625	AlGaInP
E	Orange	625	GaP	UA	Ultra Amber	610	AlGaInP
A	Amber	610	GaP	UY	Ultra Yellow	590	AlGaInP
Y	Yellow	590	GaP	UG	Ultra Green	570	AlGaInP
G	Green	570	GaP	PG	Ultra Pure Green	520	InGaN
B	Blue	460/470	InGaN	BG	Ultra Blue Green	505	InGaN
V	Purple	405	InGaN	UB	Ultra Blue	460/470	InGaN
W	White	/	InGaN	UW	Ultra White	/	InGaN

Chip Code : K,S,P,M,N,L

7.Lens Color:

- | | | |
|------------------|---------------------|----------------------|
| D-Color Diffused | T-Color Transparent | E-Orange Diffused |
| W-White Diffused | C-Water Clear | F-Orange Transparent |

8.Model Code:

9.Special Instruction

- | | | |
|-------------------|----------------|----------------------------|
| UWW:Warm White | ULW:Cold White | B:Blinking LED |
| TL:Traffic Signal | S2:"+"1.2mm | TR:Tape And Reel LED Lamps |

V、 SUPER FLUX LED LAMPS

FY LF - 1860 UR 1 C XX
 1 2 3 4 5 6 7

- 1.Brand: FORYARD
- 2.Mode: LF-Flux LED
- 3.Molding Type
- 4.Color Code:

CODE	COLOR	λ_p	MATERIAL
UR	Ultra Red	630	AlGaInP
UE	Ultra Orange	625	AlGaInP
UA	Ultra Amber	610	AlGaInP
UY	Ultra Yellow	590	AlGaInP
UG	Ultra Green	570	AlGaInP
PG	Ultra Pure Green	520	InGaN
BG	Ultra Blue Green	505	InGaN
UB	Ultra Blue	460/470	InGaN
UW	Ultra White	/	InGaN
ULW	Cold White	/	InGaN
UWW	Warm White	/	InGaN

- 5.Chip Quantity :
 - 1:Single Chip 2:Double Chips 3:Three Chips 4:Four Chips
- 6.Lens Color :
 - C:Water Clear W:White Diffused
- 7.Chip Code: N:Small Chip L:Big Chip

VI、 SMD LAMPS

FY LS - 0603 UR X X XX
 1 2 3 4 5 6 7

- 1.Brand: FORYARD
- 2.Mode: LS-SMD Lamps
- 3.SMD Size
- 4.Color Code:
- 5. Chip Quantity:
 - 1:Single Chip 2:Double Chips 3:Three Chips 4:Four Chips
- 6.Lens Color :
 - C:Water Clear W:White Diffused
- 7.Chip Code: N:Small Chip L:Big Chip

VI、HIGH POWER LAMPS

FY LP - 1W UR L A XX XX
 1 2 3 4 5 6 7 8

- 1.Brand: FORYARD
- 2.Mode: LP-High Power Lamps
- 3.Watts
- 4.Color Code:

CODE	COLOR	λp	MATERIAL	CODE	COLOR	λp	MATERIAL
UR	Ultra Red	630	AlGaInP	ULW	Cold White	/	InGaN
UY	Ultra Yellow	590	AlGaInP	UW	Ultra White	/	InGaN
PG	Ultra Pure Green	520	InGaN	UWW	Warm White	/	InGaN
UB	Ultra Blue	460/470	InGaN				

- 5.Lens Shape: B:Hemisphere L:Bullet S:Indent K: Flat Colloid
- 6.PCB Code: A-With Aluminum Plate C:Ceramic PCB
- 7.Chip Code: N:Small Chip L:Big Chip

VII、LED STRIP

FY SH - 3528 UW X 66 - 12V - W W 8 - XX
 1 2 3 4 5 6 7 8 9 10 11

- 1.Brand: FORYARD
- 2.Mode: LH-Rigid Strip SH-Flexible Strip
- 3.Type Of LED
- 4.Color Code:

CODE	COLOR	λp	MATERIAL	CODE	COLOR	λp	MATERIAL
UR	Ultra Red	630	AlGaInP	UE	Ultra Orange	625	AlGaInP
UY	Ultra Yellow	590	AlGaInP	UG	Ultra Green	570	AlGaInP
PG	Ultra Pure Green	520	InGaN	BG	Ultra Blue Green	505	InGaN
UB	Ultra Blue	460/470	InGaN	UW	Ultra White	/	InGaN
ULW	Cold White	/	InGaN	UWW	Warm White	/	InGaN

- 5.Quantity Of Chip: 1:Single Chip 2:Double Chips 3:Three Chips 4:Four Chips
- 6.LED Quantity per meter
- 7.Working VF: DC:12V、24V、36V AC: 110V、220V
- 8.W:Waterproof N:Non-Waterproof
- 9.PCB Color: W-White B-Black Y-Yellow
- 10.PCB Width: 4、8、10、12(mm) ----
- 11.Chip Code: N:Small Chip L:Big Chip

VII、LED MODULE

FY LM - 3528 UW X - 03 - 07 - 12V - W - XX
 1 2 3 4 5 6 7 8 9 10

- 1.Brand: FORYARD
- 2.Mode: LM-LED Module
- 3.Type Of LED
- 4.Color Code:

CODE	COLOR	λp	MATERIAL	CODE	COLOR	λp	MATERIAL
UR	Ultra Red	635	AlGaInP	UE	Ultra Orange	625	AlGaInP
UY	Ultra Yellow	590	AlGaInP	UG	Ultra Green	570	AlGaInP
PG	Ultra Pure Greer	520	InGaN	BG	Ultra Blue Greer	505	InGaN
UB	Ultra Blue	460/470	InGaN	UW	Ultra White	/	InGaN
LW	Cold White	/	InGaN	WW	Warm White	/	InGaN

5.Quantity Of Chip:

- 1:Single Chip 2:Double Chips 3:Three Chips 4:Four Chips

6.LED Quantity

7.Type Of Lens:

8.Working VF:

- DC:12V、24V、36V AC: 110V、220V

9.W:Waterproof N:Non-Waterproof

10.Chip Code: N:Small Chip L:Big Chip