

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 | λ_p | MATERIAL | CODE | COLOR | λ_p | 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 | λ_p | MATERIAL | CODE | COLOR | λ_p | 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