



GRUP IMAJ



SYMETRY
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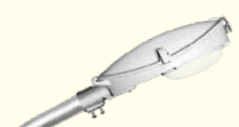
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20x30x13 22x33x17
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30x40x17

69-73



Distribution Boxes

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75x100x35

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LED LIGHTING
LUMINAIRES

LED STREET LIGHTING

LUMINAIRE

TURTLE
SERIES



APPLICATIONS

- Streets and Roads
- Parks and Car Parks
- Residential Areas
- Industrial Areas

FEATURES

- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with EN 60598-1
- Made in Turkey / Entirely domestic manufacturing except for Led and drivers

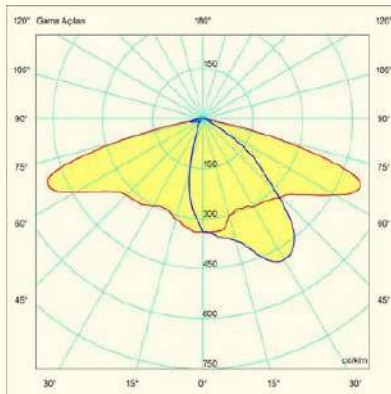




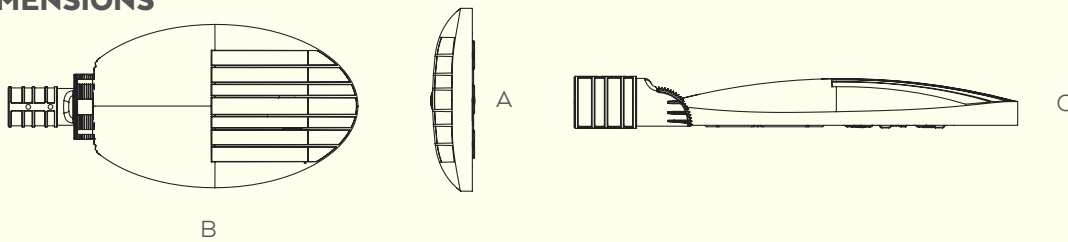
TURTLE ROAD LIGHTING LUMINAIRES

| | 350mA | | 530mA | | 700mA | | 1050mA | | Color Temperature | CRI | | | | | | | | |
|-------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------------|----------|----------|----------|----------|----------|----------|----------|--|----------|
| | LED MODULE | LUMINAIRE | LED MODULE | LUMINAIRE | LED MODULE | LUMINAIRE | LED MODULE | LUMINAIRE | | | | | | | | | | |
| 12LED | 10 W | 1845 lm | 11 W | 1715 lm | 17 W | 3060 lm | 19 W | 2845 lm | 23 W | 3920 lm | 25 W | 3640 lm | 35 W | 5750 lm | 38 W | 5350 lm | 3000 K 4000 K 5000 K 5700 K 6500 K | CRI > 70 |
| 24LED | 20 W | 3690 lm | 22 W | 3430 lm | 34 W | 6120 lm | 38 W | 5690 lm | 46 W | 7840 lm | 50 W | 7280 lm | 70 W | 11500 lm | 76 W | 10700 lm | | |
| 36LED | 30 W | 5535 lm | 33 W | 5145 lm | 51 W | 9180 lm | 57 W | 8535 lm | 69 W | 11760 lm | 75 W | 10920 lm | 105 W | 17250 lm | 114 W | 16050 lm | | |
| | 184 lm/W | | 155 lm/W | | 180 lm/W | | 150 lm/W | | 170 lm/W | | 145 lm/W | | 165 lm/W | | 140 lm/W | | | |

LIGHT DISTRIBUTION CURVES



DIMENSIONS



| Model No | A (mm) | B (mm) | C (mm) |
|----------|--------|--------|--------|
| TURTLE | 292 | 630 | 71 |

LED STREET LIGHTING

LUMINAIRE

SHARK
SERIES



APPLICATIONSS

- Streets and Roads
- Parks and Car parks
- Residential Areas
- Industrial Areas

FEATURES

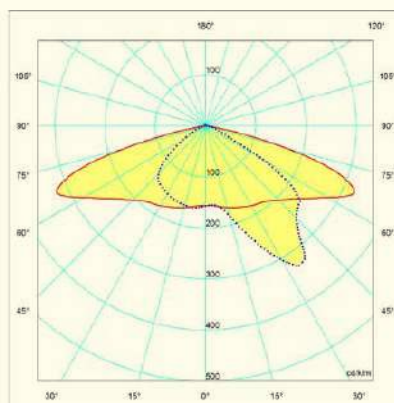
- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Entirely domestic manufacturing except for Led and drivers



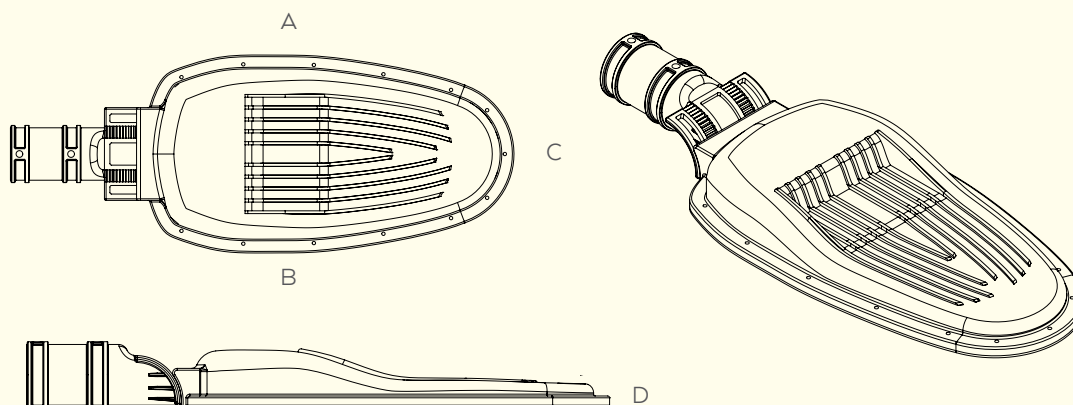
SHARK LED ROAD LIGHTING LUMINAIRE

| | 350mA | | | | 530mA | | | | 700mA | | | | 1050mA | | | | Color Temperature | CRI |
|-------|------------|---------|-----------|---------|------------|----------|-----------|---------|------------|----------|-----------|----------|------------|----------|-----------|----------|--|----------|
| | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | |
| 12LED | 13 W | 2080 lm | 15 W | 1784 lm | 19 W | 2945 lm | 21 W | 2499 lm | 25 W | 3625 lm | 27 W | 3105 lm | 37 W | 4921 lm | 40 W | 4120 lm | 3000 K 4000 K 5000 K 6000 K 6500 K | CRI > 70 |
| 24LED | 26 W | 5160 lm | 29 W | 3567 lm | 38 W | 5890 lm | 42 W | 4998 lm | 50 W | 7250 lm | 54 W | 6210 lm | 74 W | 9842 lm | 80 W | 8240 lm | | |
| 36LED | 39 W | 6240 lm | 43 W | 5290 lm | 57 W | 8835 lm | 62 W | 7440 lm | 75 W | 10875 lm | 81 W | 9315 lm | 111 W | 14765 lm | 120 W | 12360 lm | | |
| 48LED | 52 W | 8320 lm | 58 W | 7135 lm | 76 W | 11780 lm | 83 W | 9960 lm | 100 W | 14500 lm | 108 W | 12420 lm | 148 W | 19685 lm | 160 W | 16480 lm | | |

LIGHT DISTRIBUTION CURVES



DIMENSIONS



| Kod | A (mm) | B (mm) | C (mm) | D (mm) |
|---------|--------|--------|--------|--------|
| SHARK S | 630 | 475 | 240 | 65 |
| SHARK M | 690 | 535 | 305 | 65 |

LED STREET LIGHTING

LUMINAIRE

FALCON

SERIES



APPLICATIONS

- Streets and Roads
- Parks and Car parks
- Residential Areas
- Industrial Areas

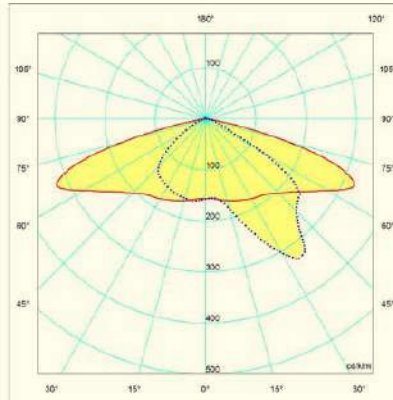
FEATURES

- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Entirely domestic manufacturing except for Led and drivers

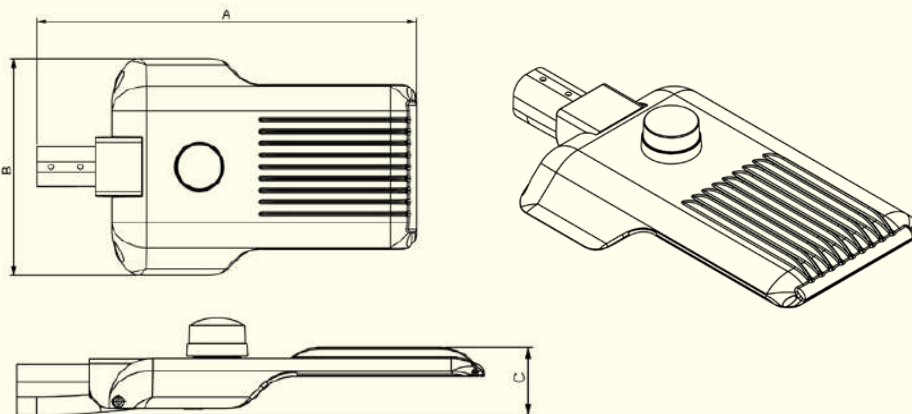
SHARK LED ROAD LIGHTING LUMINAIRE

| | 350mA | | | | 530mA | | | | 700mA | | | | 1050mA | | | | Color Temperature | CRI |
|-------|------------|---------|-----------|---------|------------|----------|-----------|---------|------------|----------|-----------|----------|------------|----------|-----------|----------|--|----------|
| | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | |
| 12LED | 13 W | 2080 lm | 15 W | 1784 lm | 19 W | 2945 lm | 21 W | 2499 lm | 25 W | 3625 lm | 27 W | 3105 lm | 37 W | 4921 lm | 40 W | 4120 lm | 3000 K 4000 K 5000 K 6000 K 6500 K | CRI > 70 |
| 24LED | 26 W | 5160 lm | 29 W | 3567 lm | 38 W | 5890 lm | 42 W | 4998 lm | 50 W | 7250 lm | 54 W | 6210 lm | 74 W | 9842 lm | 80 W | 8240 lm | | |
| 36LED | 39 W | 6240 lm | 43 W | 5290 lm | 57 W | 8835 lm | 62 W | 7440 lm | 75 W | 10875 lm | 81 W | 9315 lm | 111 W | 14765 lm | 120 W | 12360 lm | | |
| 48LED | 52 W | 8320 lm | 58 W | 7135 lm | 76 W | 11780 lm | 83 W | 9960 lm | 100 W | 14500 lm | 108 W | 12420 lm | 148 W | 19685 lm | 160 W | 16480 lm | | |

LIGHT DISTRIBUTION CURVES



DIMENSIONS



| Kod | A (mm) | B (mm) | C (mm) |
|---------|--------|--------|--------|
| SHARK S | 650 | 370 | 95 |

LED STREET LIGHTING

LUMINAIRE

WOLF SERIES



APPLICATIONS

- Streets and Roads
- Parks and Car Parks
- Residential Areas
- Industrial Areas

FEATURES

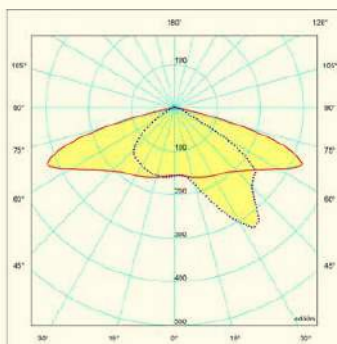
- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with EN 60598-1
- Made in Turkey / Entirely domestic manufacturing except for Led and drivers





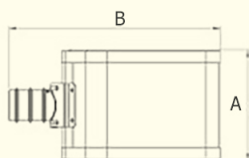
WOLF LED ROAD LIGHTING LUMINAIRE

| | 350mA | | | | 530mA | | | | 700mA | | | | 1050mA | | | | Color Temperature | CRI |
|-------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|--|----------|
| | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | |
| 12LED | 13 W | 2080 lm | 15 W | 1784 lm | 19 W | 2945 lm | 21 W | 2499 lm | 25 W | 3625 lm | 27 W | 3105 lm | 37 W | 4921 lm | 40 W | 4120 lm | 3000 K 4000 K 5000 K 6000 K 6500 K | CRI > 70 |
| 24LED | 26 W | 5160 lm | 29 W | 3567 lm | 38 W | 5890 lm | 42 W | 4998 lm | 50 W | 7250 lm | 54 W | 6210 lm | 74 W | 9842 lm | 80 W | 8240 lm | | |
| 36LED | 39 W | 6240 lm | 43 W | 5290 lm | 57 W | 8835 lm | 62 W | 7440 lm | 75 W | 10875 lm | 81 W | 9315 lm | 111 W | 14765 lm | 120 W | 12360 lm | | |
| 48LED | 52 W | 8320 lm | 58 W | 7135 lm | 76 W | 11780 lm | 83 W | 9960 lm | 100 W | 14500 lm | 108 W | 12420 lm | 148 W | 19685 lm | 160 W | 16480 lm | | |
| 60LED | 65 W | 10400 lm | 71 W | 8735 lm | 95 W | 14725 lm | 103 W | 12360 lm | 125 W | 18125 lm | 135 W | 15525 lm | 185 W | 24605 lm | 200 W | 20600 lm | | |
| 72LED | 78 W | 12480 lm | 86 W | 10580 lm | 114 W | 17670 lm | 124 W | 14880 lm | 150 W | 21750 lm | 162 W | 18630 lm | 222 W | 29526 lm | 240 W | 24720 lm | | |
| 84LED | 91 W | 14560 lm | 99 W | 12180 lm | 133 W | 20615 lm | 145 W | 17400 lm | 175 W | 25375 lm | 189 W | 21735 lm | * | * | * | * | | |
| 96LED | 104 W | 16640 lm | 113 W | 13900 lm | 152 W | 23560 lm | 165 W | 19800 lm | 200 W | 29000 lm | 216 W | 24840 lm | * | * | * | * | | |
| | 160 lm / W | | 123 lm / W | | 155 lm / W | | 120 lm / W | | 145 lm / W | | 115 lm / W | | 133 lm / W | | 103 lm / W | | | |



| Model No | A (mm) | B (mm) | C (mm) | D (mm) |
|----------|--------|--------|--------|--------|
| WOLF - 1 | 120 | 500 | 135 | 100 |
| WOLF - 2 | 160 | 500 | 135 | 100 |
| WOLF - 3 | 255 | 500 | 135 | 100 |
| WOLF - 4 | 305 | 500 | 135 | 100 |
| WOLF - 5 | 405 | 500 | 135 | 100 |
| WOLF - 6 | 505 | 500 | 135 | 100 |

DIMENSIONS



LED STREET LIGHTING

LUMINAIRE

FOX

SERIES



APPLICATIONSS

- Streets and Roads
- Parks and Car parks
- Residential Areas
- Industrial Areas

FEATURES

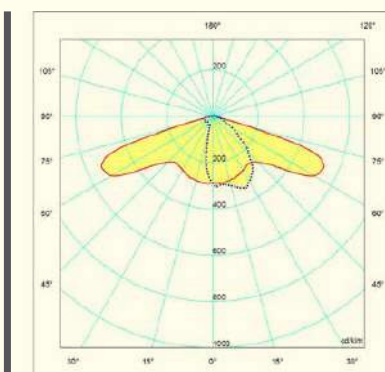
- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with TS EN 60598-1
- Entirely domestic manufacturing except for Led and drivers



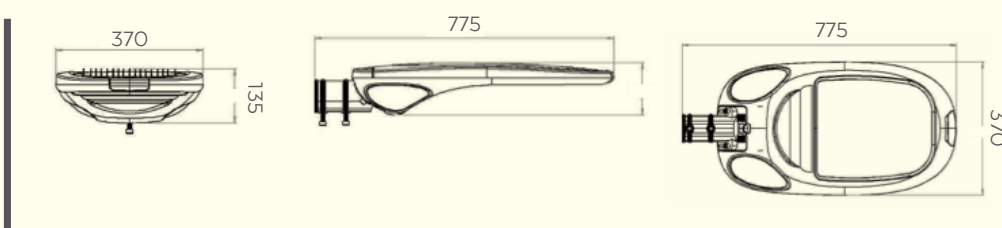


FOX LED ROAD LIGHTING LUMINAIRE

| | | 350mA | | 530mA | | 700mA | | 1050mA | | Color Temperature | CRI | | | | | | | |
|-------|------|------------|------|------------|-------|------------|-------|------------|-------|-------------------|-------|------------|-------|------------|-------|------------|--|----------|
| | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | | | | | | | | |
| 16LED | 17 W | 2766 lm | 20 W | 2373 lm | 25 W | 3917 lm | 28 W | 3324 lm | 33 W | 4821 lm | 36 W | 4130 W | 49 W | 6545 lm | 53 W | 5480 lm | 3000 K 4000 K 5000 K 6000 K 6500 K | CRI > 70 |
| 32LED | 35 W | 6863 lm | 39 W | 4744 lm | 51 W | 7834 lm | 56 W | 6647 lm | 67 W | 9643 lm | 72 W | 8259 W | 98 W | 13090 lm | 106 W | 10959 lm | | |
| 48LED | 52 W | 8299 lm | 57 W | 7036 lm | 76 W | 11751 lm | 82 W | 9895 lm | 100 W | 14464 lm | 108 W | 12389 W | 148 W | 19637 lm | 160 W | 16439 lm | | |
| 64LED | 69 W | 11066 lm | 77 W | 9490 lm | 101 W | 15667 lm | 110 W | 13247 lm | 133 W | 19285 lm | 144 W | 16519 W | 197 W | 26181 lm | 213 W | 21918 lm | | |
| 80LED | 86 W | 13832 lm | 94 W | 11618 lm | 126 W | 19584 lm | 137 W | 16439 lm | 166 W | 24106 lm | 180 W | 20648 W * | * | * | * | * | | |
| | | 160 lm / W | | 123 lm / W | | 155 lm / W | | 120 lm / W | | 145 lm / W | | 115 lm / W | | 133 lm / W | | 103 lm / W | | |



DIMENSIONS



LED FLOODLIGHT

LION
SERIES



APPLICATIONS

- Sports Areas
- Parks and Car parks
- Residential Areas
- Industrial Areas
- Port Lighting
- Factory Lighting
- Architectural Lighting

FEATURES

- Entirely domestic manufacturing except for Led and drivers
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with TS EN 60598-2-5



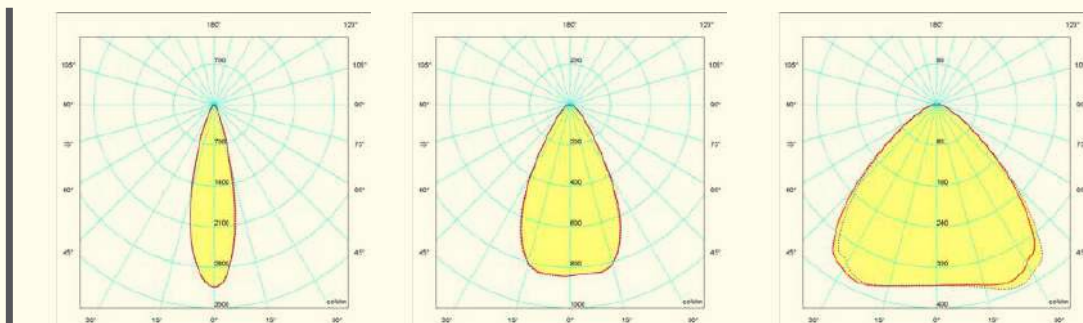
LION LED FLOODLIGHT

LION LED ROAD LIGHTING LUMINAIRE

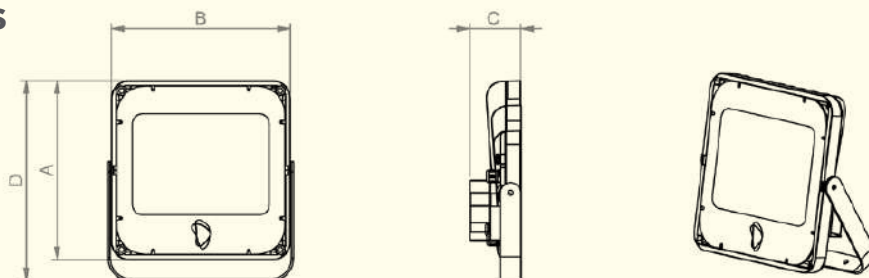
| | | 350mA | | | | 530mA | | | | 700mA | | | | 1050mA | | | | Color Temperature | CRI |
|--------|--------|------------|---------|------------|---------|------------|---------|------------|---------|------------|----------|------------|----------|------------|----------|------------|----------|--------------------------------------|----------|
| | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | |
| LION-S | 36 LED | 34 W | 5950 lm | 37 W | 4730 lm | 54 W | 9010 lm | 59 W | 7170 lm | 70 W | 11170 lm | 75 W | 8890 lm | 108 W | 15690 lm | 116 W | 12480 lm | 3000 K 4000 K 5000 K 6500 K | CRI > 70 |
| LION-M | 48 LED | * | * | * | * | * | * | * | * | 93 W | 14900 lm | 100 W | 11850 lm | 144 W | 20920 lm | 153 W | 16740 lm | | |
| LION-L | 60 LED | * | * | * | * | * | * | * | * | * | * | * | * | 180 W | 26150 lm | 200 W | 21800 lm | | |
| | | 175 lm / w | | 128 lm / w | | 167 lm / w | | 122 lm / w | | 160 lm / w | | 118 lm / w | | 145 lm / w | | 110 lm / w | | | |

| | | 350mA | | | | 530mA | | | | 700mA | | | | 1050mA | | | | Color Temperature | CRI |
|--------|---------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|--------------------------------------|----------|
| | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | |
| LION-S | 72 LED | 68 W | 11910 lm | 74 W | 9470 lm | 101 W | 17170 lm | 109 W | 13430 lm | * | * | * | * | * | * | * | * | 3000 K 4000 K 5000 K 6500 K | CRI > 70 |
| LION-M | 96 LED | 91 W | 15880 lm | 98 W | 12630 lm | 135 W | 22950 lm | 145 W | 17900 lm | 185 W | 29800 lm | 207 W | 24200 lm | * | * | * | * | | |
| LION-L | 120 LED | * | * | * | * | * | * | * | * | 240 W | 38210 lm | 258 W | 30200 lm | 276 W | 41310 lm | 297 W | 33873 lm | | |
| | | 175 lm / w | | 128 lm / w | | 170 lm / w | | 123 lm / w | | 160 lm / w | | 118 lm / w | | 151 lm / w | | 115 lm / w | | | |

LIGHT DISTRIBUTION CURVES



DIMENSIONS



| Kod | A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|--------|
| LION-L | 350 | 350 | 100 | 445 |
| LION-M | 300 | 300 | 100 | 395 |
| LION-S | 250 | 250 | 100 | 345 |

LED FLOODLIGHT

WOLF
SERIES



APPLICATIONS

- Sports Areas
- Parks and Car parks
- Residential Areas
- Industrial Areas
- Port Lighting
- Factory Lighting
- Architectural Lighting

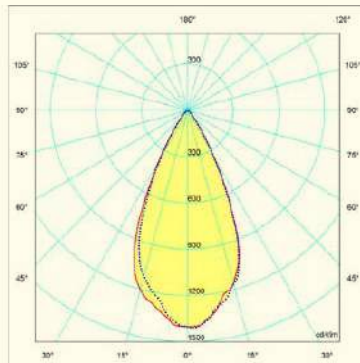
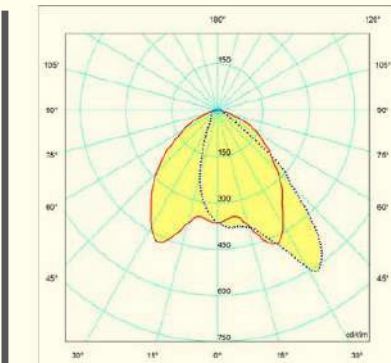
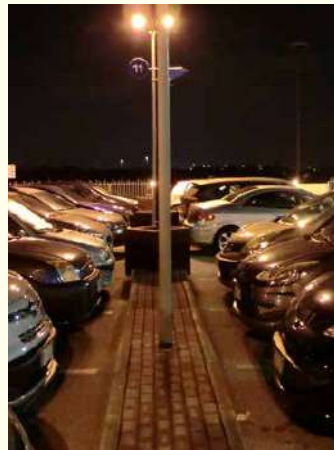
FEATURES

- Entirely domestic manufacturing except for Led and drivers
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with TS EN 60598-2-5



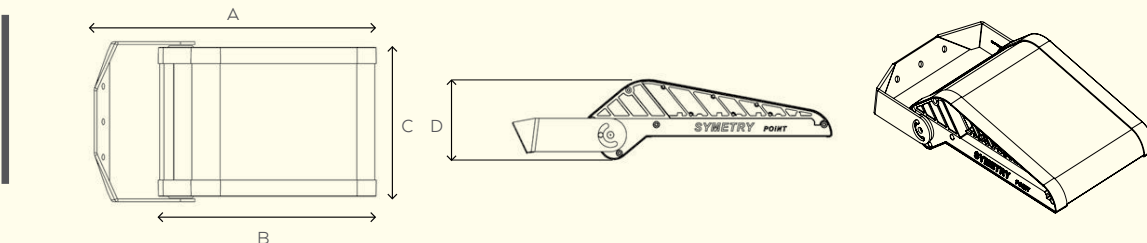
WOLF LED FLOODLIGHT

| | 350mA | | | | 530mA | | | | 700mA | | | | 1050mA | | | | Color Temperature | CRI |
|-------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|--|----------|
| | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | LED MODULE | | LUMINAIRE | | | |
| 12LED | 13 W | 2080 lm | 15 W | 1784 lm | 19 W | 2945 lm | 21 W | 2499 lm | 25 W | 3625 lm | 27 W | 3105 lm | 37 W | 4921 lm | 40 W | 4120 lm | 3000 K 4000 K 5000 K 6000 K 6500 K | CRI > 70 |
| 24LED | 26 W | 5160 lm | 29 W | 3567 lm | 38 W | 5890 lm | 42 W | 4998 lm | 50 W | 7250 lm | 54 W | 6210 lm | 74 W | 9842 lm | 80 W | 8240 lm | | |
| 36LED | 39 W | 6240 lm | 43 W | 5290 lm | 57 W | 8835 lm | 62 W | 7440 lm | 75 W | 10875 lm | 81 W | 9315 lm | 111 W | 14765 lm | 120 W | 12360 lm | | |
| 48LED | 52 W | 8320 lm | 58 W | 7135 lm | 76 W | 11780 lm | 83 W | 9960 lm | 100 W | 14500 lm | 108 W | 12420 lm | 148 W | 19685 lm | 160 W | 16480 lm | | |
| 60LED | 65 W | 10400 lm | 71 W | 8735 lm | 95 W | 14725 lm | 103 W | 12360 lm | 125 W | 18125 lm | 135 W | 15525 lm | 185 W | 24605 lm | 200 W | 20600 lm | | |
| 72LED | 78 W | 12480 lm | 86 W | 10580 lm | 114 W | 17670 lm | 124 W | 14880 lm | 150 W | 21750 lm | 162 W | 18630 lm | 222 W | 29526 lm | 240 W | 24720 lm | | |
| 84LED | 91 W | 14560 lm | 99 W | 12180 lm | 133 W | 20615 lm | 145 W | 17400 lm | 175 W | 25375 lm | 189 W | 21735 lm | * | * | * | * | | |
| 96LED | 104 W | 16640 lm | 113 W | 13900 lm | 152 W | 23560 lm | 165 W | 19800 lm | 200 W | 29000 lm | 216 W | 24840 lm | * | * | * | * | | |
| | 160 lm / W | | 123 lm / W | | 155 lm / W | | 120 lm / W | | 145 lm / W | | 115 lm / W | | 133 lm / W | | 103 lm / W | | | |



| Model No | A (mm) | B (mm) | C (mm) | D (mm) |
|----------|--------|--------|--------|--------|
| WOLF - 1 | 460 | 375 | 125 | 120 |
| WOLF - 2 | 460 | 375 | 165 | 120 |
| WOLF - 3 | 460 | 375 | 255 | 120 |
| WOLF - 4 | 460 | 375 | 305 | 120 |
| WOLF - 5 | 460 | 375 | 405 | 120 |
| WOLF - 5 | 460 | 375 | 505 | 120 |

DIMENSIONS



LED FLOODLIGHT

HAWK
SERIES



APPLICATIONS

- Sports Areas
- Parks and Car parks
- Residential Areas
- Industrial Areas
- Port Lighting
- Factory Lighting
- Architectural Lighting

FEATURES

- Entirely domestic manufacturing except for Led and drivers
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with TS EN 60598-2-5



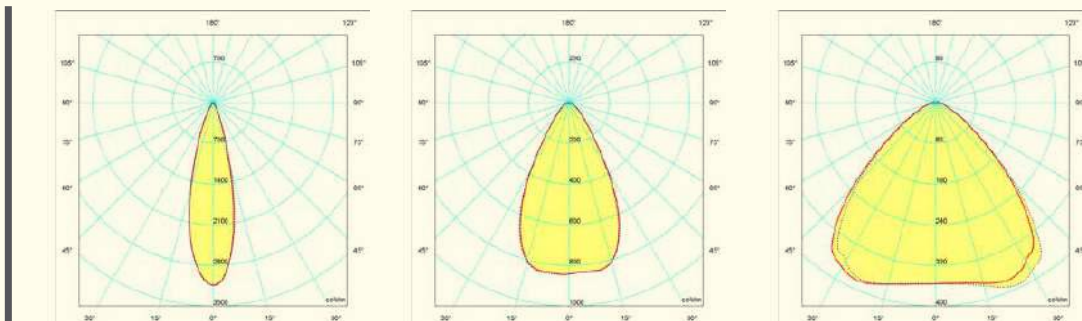
HAWK LED FLOODLIGHT

| | POWER | | Lumious Flux (LM) | | Color Temperature | CRI |
|---------|-------|------|-------------------|-------|--|----------|
| | Min. | Max. | Min. | Max. | | |
| 12 LED | 30W | 40W | 3600 | 4400 | 3000K- 4000K- 5000K- 6000K- 6500K- | CRI > 70 |
| 24 LED | 60W | 80W | 7200 | 8800 | | |
| 36 LED | 90W | 120W | 10800 | 13200 | | |
| 48 LED | 120W | 160W | 14400 | 17600 | | |
| 60 LED | 150W | 200W | 18000 | 22000 | | |
| 72 LED | 180W | 240W | 21600 | 26400 | | |
| 84 LED | 210W | 280W | 25200 | 30800 | | |
| 96 LED | 240W | 320W | 28800 | 35200 | | |
| 108 LED | 270W | 360W | 32400 | 39600 | | |
| 120 LED | 300W | 400W | 36000 | 44000 | | |



"LIGHTNING THE BIGGEST AIRPORT CONSTRUCTION AREA OF THE WORLD" - "ISTANBUL GRAND AIRPORT"

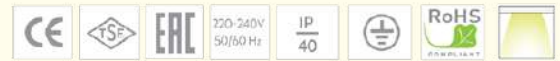
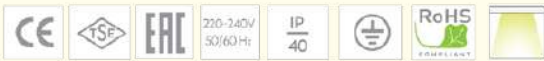
LIGHT DISTRIBUTION CURVES



INDOOR LED LIGHTING

Recessed Flat-G 02110

Recessed LUNA-019 05393



Housing

Steel sheet with electrostatic powder coating.

Optics

Opal diffuser

Light Source

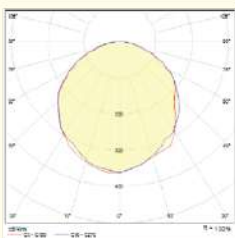
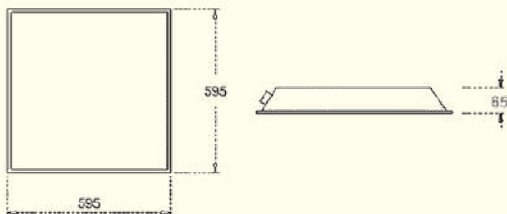
High efficacy Mid Power LED with lifetime L70 > 50,000h

Driver

Constant current output with pf > 0.90

Color Options

RAL9016 / RAL9006 / RAL9005



| W | Lm | K | Ra | Kg |
|----|------|------|------|-----|
| 27 | 2900 | 3000 | > 80 | 4,6 |
| 31 | 3250 | 3000 | > 80 | 4,6 |
| 33 | 3600 | 3000 | > 80 | 4,7 |
| 35 | 4000 | 3000 | > 80 | 4,7 |
| 27 | 3000 | 4000 | > 80 | 4,6 |
| 31 | 3350 | 4000 | > 80 | 4,6 |
| 33 | 3700 | 4000 | > 80 | 4,7 |
| 35 | 4100 | 4000 | > 80 | 4,7 |



Housing

Die-cast aluminum with electrostatic powder coating.

Optics

Opal diffuser

Light Source

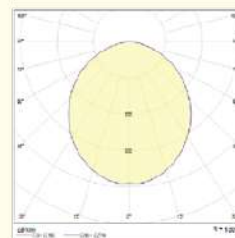
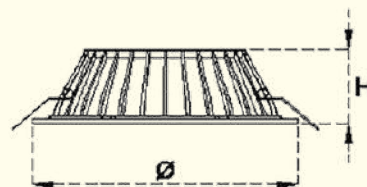
High efficacy Mid Power LED with lifetime L70 > 50,000h

Driver

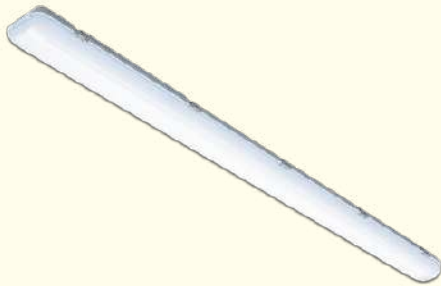
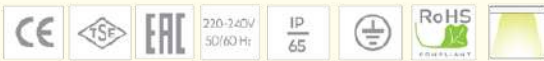
Constant current output with pf > 0.90

Color Options

RAL9016 / RAL9006 / RAL9005



| W | Lm | K | Ra | Kg | ØxH | Cut-out |
|----|------|------|------|-----|--------|---------|
| 13 | 1315 | 3000 | > 80 | 0,6 | 190x63 | 175 |
| 19 | 1915 | 3000 | > 80 | 1,0 | 190x63 | 175 |
| 13 | 1370 | 4000 | > 80 | 0,6 | 190x63 | 175 |
| 19 | 1995 | 4000 | > 80 | 1,0 | 190x63 | 175 |



Housing

Polycarbonate

Optics

Opal polycarbonate diffuser

Light Source

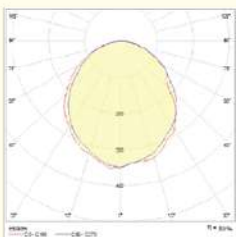
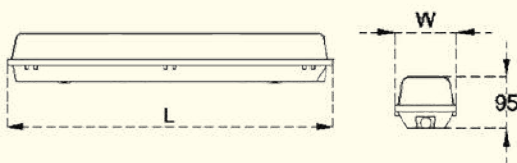
High efficacy Mid Power LED with lifetime L70 > 50,000h

Driver

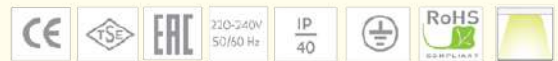
Constant current output with pf > 0,90

Gasket

Water and dust proof



| W | Lm | K | Ra | W x L |
|----|------|------|-----|---------|
| 10 | 1115 | 3000 | >80 | 95x680 |
| 35 | 3853 | 3000 | >80 | 95x1580 |
| 20 | 2358 | 3000 | >80 | 95x1200 |
| 29 | 3203 | 3000 | >80 | 95x1200 |
| 41 | 4295 | 3000 | >80 | 95x1200 |
| 10 | 1161 | 4000 | >80 | 95x680 |
| 35 | 4014 | 4000 | >80 | 95x1580 |
| 20 | 2456 | 4000 | >80 | 95x1200 |
| 29 | 3336 | 4000 | >80 | 95x1200 |
| 41 | 4474 | 4000 | >80 | 95x1200 |



Housing

Electrostatic powder painted aluminium profile

Optics

Opal polycarbonate diffuser

Light Source

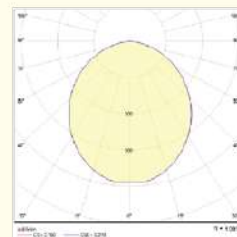
High efficacy Mid Power LED with lifetime L70 > 50,000h

Driver

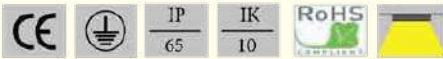
Constant current output with pf > 0,90

Color Options

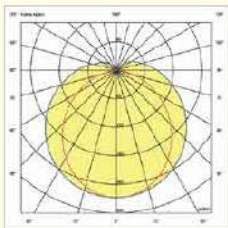
RAL9016 / RAL9006 / RAL9005



| W | Lm | K | CRI | W x L x H |
|----|------|------|---------|------------|
| 14 | 1300 | 3000 | Ra > 80 | 43x580x67 |
| 27 | 2700 | 3000 | Ra > 80 | 43x1130x67 |
| 41 | 4100 | 3000 | Ra > 80 | 43x1680x67 |
| 14 | 1400 | 4000 | Ra > 80 | 43x580x67 |
| 27 | 3000 | 4000 | Ra > 80 | 43x1130x67 |
| 41 | 4400 | 4000 | Ra > 80 | 43x1680x67 |

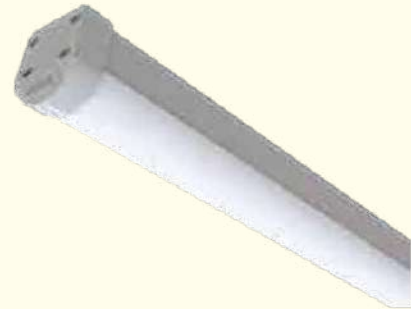
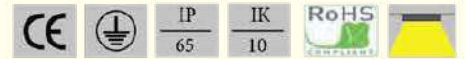


Housing Matte, anodized, extruded aluminum profile
Optics Highly transmissive PC opal diffuser
Light Source MacAdam Step-3 high efficacy Mid Power LED with lifetime L70 > 50,000h
Driver Constant current output, P_f>0.90
Supply Voltage 220-240V/50-60Hz
Operating Temperature -20C/+40C
Options DALI
 3h emergency lightig kit

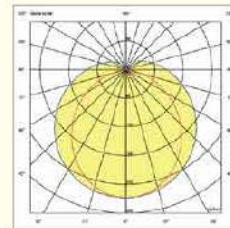


| W | Lm | CCT | CRI | L (mm) | Kg |
|----|------|------|-------|--------|-----|
| 19 | 2053 | 3000 | Ra>80 | 600 | 1,4 |
| 20 | 2173 | 3000 | Ra>80 | 880 | 2,0 |
| 29 | 3079 | 3000 | Ra>80 | 880 | 2,0 |
| 42 | 4229 | 3000 | Ra>80 | 880 | 2,0 |
| 29 | 2897 | 3000 | Ra>80 | 1160 | 2,7 |
| 38 | 4106 | 3000 | Ra>80 | 1160 | 2,7 |
| 48 | 5130 | 3000 | Ra>80 | 1440 | 3,3 |

| | | | | | |
|----|------|------|-------|------|-----|
| 19 | 2139 | 4000 | Ra>80 | 600 | 1,4 |
| 20 | 2264 | 4000 | Ra>80 | 880 | 2,0 |
| 29 | 3208 | 4000 | Ra>80 | 880 | 2,0 |
| 42 | 4405 | 4000 | Ra>80 | 880 | 2,0 |
| 29 | 3018 | 4000 | Ra>80 | 1160 | 2,7 |
| 38 | 4278 | 4000 | Ra>80 | 1160 | 2,7 |
| 48 | 5340 | 4000 | Ra>80 | 1440 | 3,3 |



Housing Matte, anodized, extruded aluminum profile
Optics Highly transmissive PC opal diffuser
Light Source MacAdam Step-3 high efficacy Mid Power LED with lifetime L70 > 50,000h
Driver Constant current output, P_f>0.90
Supply Voltage 220-240V/50-60Hz
Operating Temperature -20C/+40C
Options DALI
 3h emergency lightig kit



Color Options
 Ral 9016 Ral 9006 Ral 9005

| W | Lm | CCT | CRI | L | Kg |
|----|------|------|-------|------|-----|
| 11 | 1313 | 3000 | Ra>80 | 390 | 0,5 |
| 17 | 2030 | 3000 | Ra>80 | 510 | 0,7 |
| 21 | 2510 | 3000 | Ra>80 | 750 | 1,0 |
| 29 | 3348 | 3000 | Ra>80 | 750 | 1,0 |
| 23 | 2745 | 3000 | Ra>80 | 1230 | 1,6 |
| 35 | 4178 | 3000 | Ra>80 | 1230 | 1,6 |
| 48 | 5735 | 3000 | Ra>80 | 1230 | 1,6 |
| 42 | 5015 | 3000 | Ra>80 | 1470 | 1,9 |
| 57 | 6805 | 3000 | Ra>80 | 1470 | 1,9 |

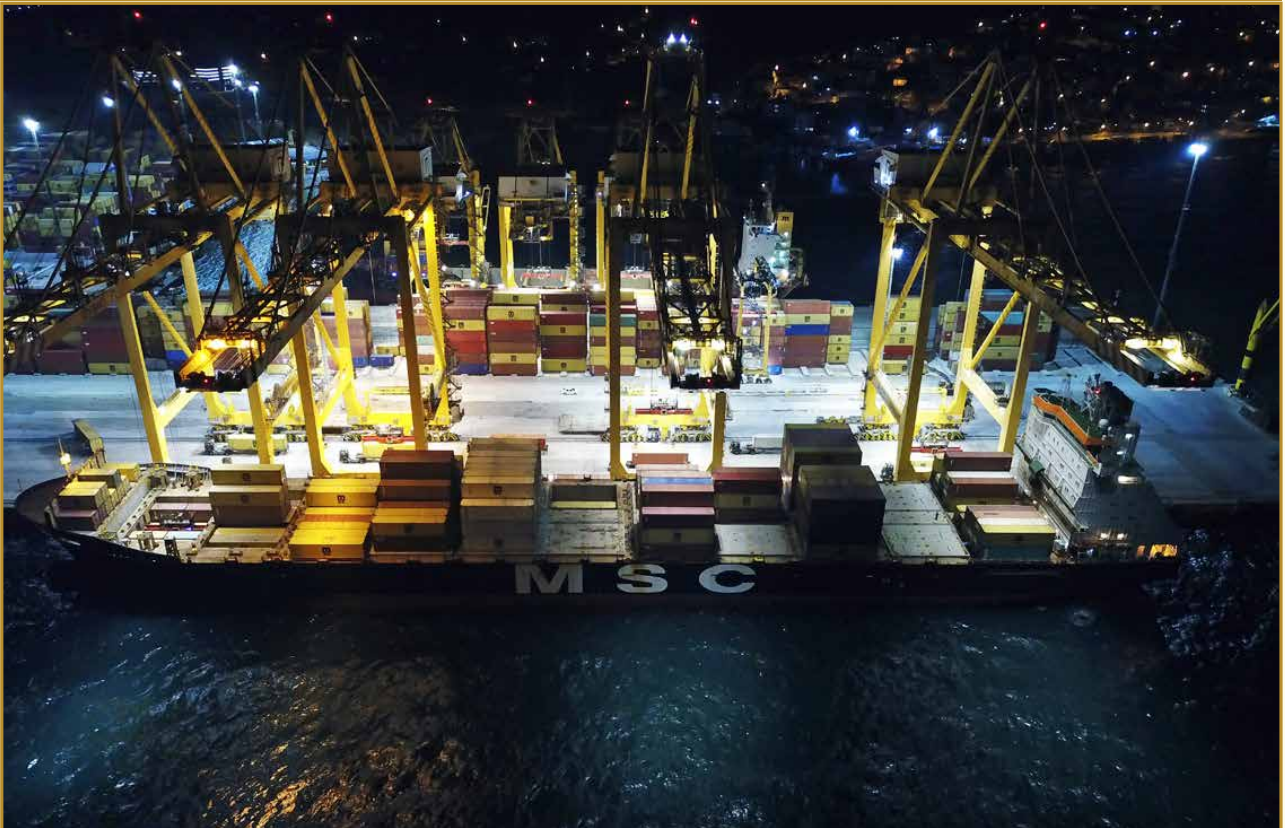
| | | | | | |
|----|------|------|-------|------|-----|
| 11 | 1397 | 4000 | Ra>80 | 390 | 0,5 |
| 17 | 2160 | 4000 | Ra>80 | 510 | 0,7 |
| 21 | 2670 | 4000 | Ra>80 | 750 | 1,0 |
| 29 | 3546 | 4000 | Ra>80 | 750 | 1,0 |
| 23 | 2920 | 4000 | Ra>80 | 1230 | 1,6 |
| 35 | 4445 | 4000 | Ra>80 | 1230 | 1,6 |
| 48 | 6100 | 4000 | Ra>80 | 1230 | 1,6 |
| 42 | 5335 | 4000 | Ra>80 | 1470 | 1,9 |
| 57 | 7240 | 4000 | Ra>80 | 1470 | 1,9 |

PROJECTS

Istanbul Airport Outdoor Lighting 2019



Asya Port Harbour Lighting 2019



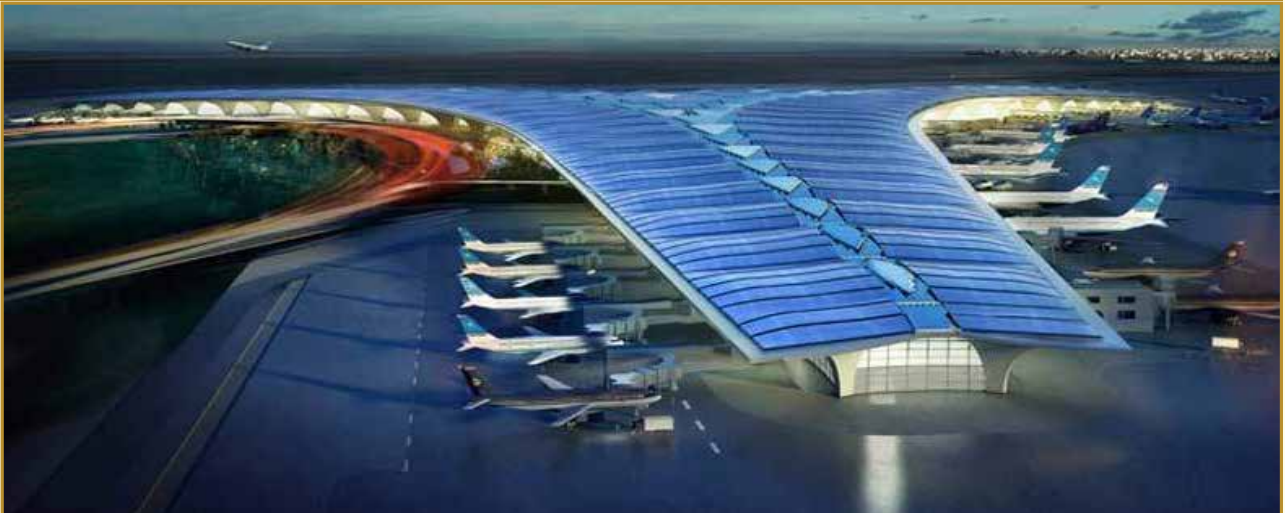
PROJECTS

Istanbul Airport Construction Area Lighting 2018

“Lightning the Biggest Airport Construction Area of the World” – “Istanbul Airport”



Kuwait Airport New Terminal Building Construction Area Lighting 2019



Park Village Building Complex Outdoor Lighting 2016



REFERENCES

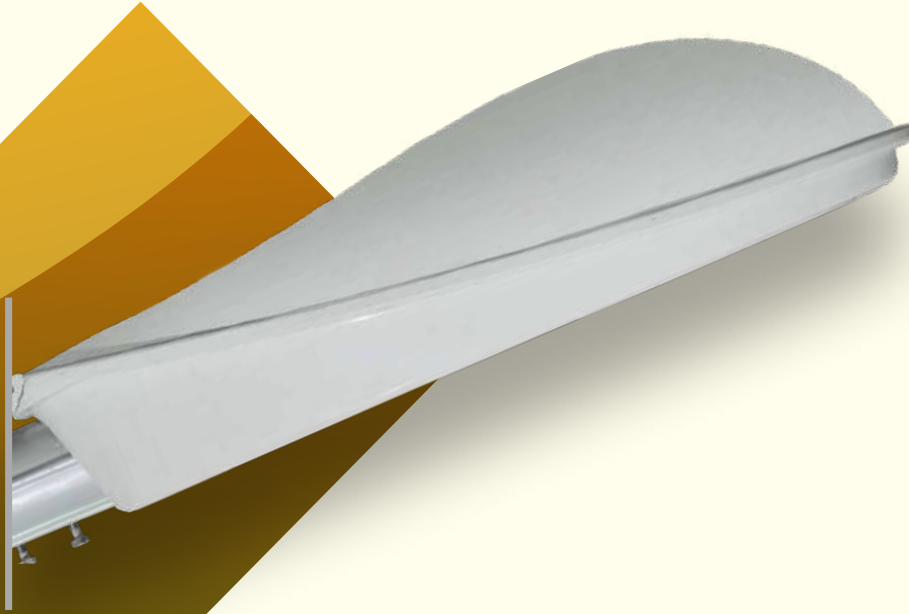
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|---|--|---|---|---|
|  <p>iGA İstanbul Grand Airport</p> |  <p>Limak</p> |  <p>MAPA İnşaat</p> |  <p>asyaport</p> |  <p>aras Elektrik Dağıtım Anonim Şirketi</p> |
|  <p>İC Çiçtaş İnşaat</p> |  <p>TCK</p> |  <p>aksa ENERJİ</p> |  <p>B</p> |  <p>ÇEDAS ÇAMLIBEL ELEKTRİK DAĞITIM A.Ş.</p> |
|  <p>CORUH ELEKTRİK ÇORUH ELEKTRİK DAĞITIM A.Ş.</p> |  <p>DICLE EDAS</p> |  <p>FIRAT ELEKTRİK FIRAT ELEKTRİK DAĞITIM A.Ş.</p> |  <p>GDZ Gediz Elektrik Dağıtım A.Ş.</p> |  <p>Akedas Elektrik Dağıtım A.Ş.</p> |
|  <p>TREDAS TRAKVA ELEKTRİK DAĞITIM A.Ş.</p> |  <p>sedaş</p> |  <p>ayedaş</p> |  <p>ADM</p> |  <p>Osmanğazi Elektrik Dağıtım A.Ş.</p> |
|  <p>UEDAŞ ULUDAĞ ELEKTRİK DAĞITIM A.Ş.</p> |  <p>VEDAŞ Vangözü Elektrik Dağıtım A.Ş.</p> |  <p>BEYLİKDÜZÜ BELEDİYESİ</p> |  <p>GEYİKLİ BELEDİYESİ 1971</p> |  <p>TOSB Otomotiv Yan Sanayi İhtisas Organize Sanayi Bölgesi</p> |
|  <p>parkvillage</p> |  <p>ASTER TEXTİLE</p> |  <p>halkalı kağıt® karton sanayi ve ticaret A.Ş.</p> |  <p>ileri GROUP</p> |  <p>ALLSTAR HALISAHA</p> |

*CONVENTIONAL
LIGHTING
LUMINAIRES*

STREET LIGHTING

LUMINAIRE

NS
SERIES



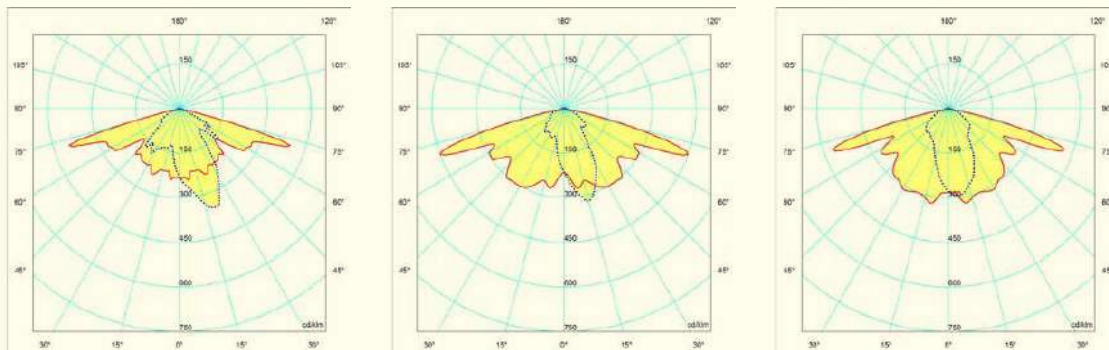
APPLICATIONS

- Streets and Roads
- Parks and Car Parks
- Residential Areas
- Industrial Areas
- Highways & Cross Roads

FEATURES

- Low Maintenance Cost
- Tool Free Open From Top
- IP66 rating
- Manufacturing complying with EN 60598-1
- Made in Turkey
- Approved By Turkey General Directorate of Highways

LIGHT DISTRIBUTION CURVES

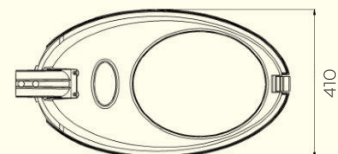
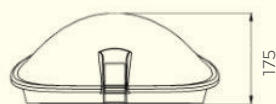
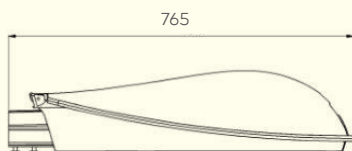




| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|-------------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V - 230V, 50Hz | | | | | | | | | | | | | |
| | | | NS E-40 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 9,846 | | | TSE/CE |
| 150 | SV | 1,80 | NS 150 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 11,980 | 20 | 66 | TSE/CE |
| 210 | SV | 2,15 | NS 210 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 12,270 | 20 | 66 | TSE/CE |
| 250 | HG | 2,15 | NS 250 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 12,270 | 20 | 66 | TSE/CE |
| 250 | SV | 3,00 | NS 250 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 13,049 | 32 | 66 | TSE/CE |
| 400 | HG | 3,15 | NS 400 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 13,080 | 32 | 66 | TSE/CE |
| 400 | MH | 3,50 | NS 400 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 13,203 | 35 | 66 | TSE/CE |
| 400 | SV | 4,60 | NS 400 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 13,435 | 45 | 66 | TSE/CE |

| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|-------------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V - 230V, 50Hz | | | | | | | | | | | | | |
| | | | NS E-40 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 9,846 | | 66 | ENEC |
| 150 | SV | 1,80 | NS 150 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 12,000 | 20 | 66 | ENEC |
| 210 | SV | 2,15 | NS 210 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 12,300 | 20 | 66 | ENEC |
| 250 | HG | 2,15 | NS 250 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 12,300 | 20 | 66 | ENEC |
| 250 | SV | 3,00 | NS 250 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 13,099 | 32 | 66 | ENEC |
| 400 | SV | 4,60 | NS 400 | 1 | 765 | 410 | 175 | E-40 | φ42- φ60 | 13,500 | 45 | 66 | ENEC |

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Aluminium Die Cast, IK09
 Box Dimension : 775mmx415mmx185mm

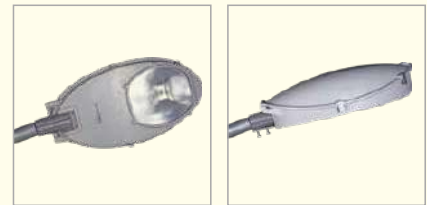


STREET LIGHTING

LUMINAIRE

TSMAX

SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Open from Top
- Monoblock Anodized High Purity Aluminium Reflector
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System

IP65

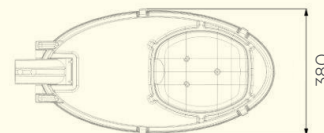
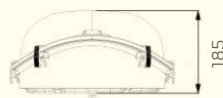
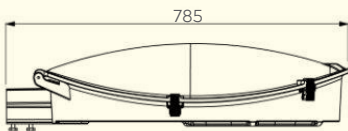
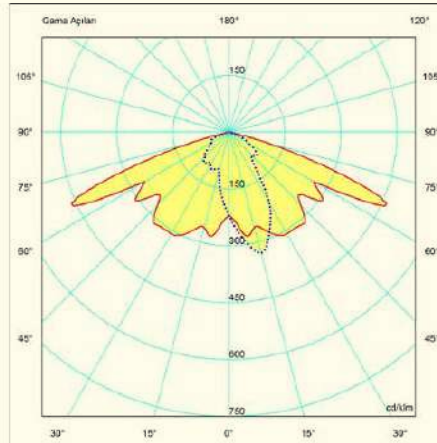
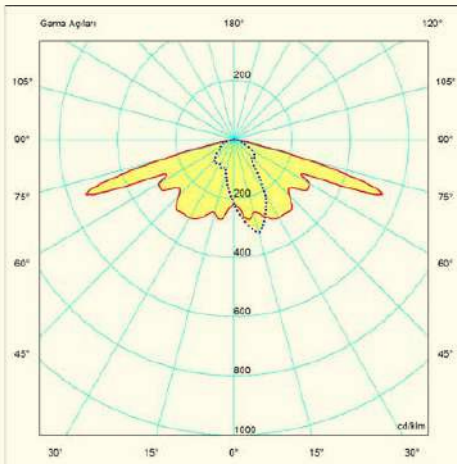


| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | TSMAX E-40 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 9,500 | | | TSE/CE |
| 210 | SV | 2,15 | TSMAX 210 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 11,800 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TSMAX 250 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 11,800 | 20 | 65 | TSE/CE |
| 250 | SV | 3,00 | TSMAX 250 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 12,500 | 32 | 65 | TSE/CE |
| 400 | HG | 3,15 | TSMAX 400 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 12,600 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | TSMAX 400 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 12,800 | 35 | 65 | TSE/CE |
| 400 | SV | 4,60 | TSMAX 400 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 13,000 | 45 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 210 | SV | 2,15 | TSMAX 210 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 11,850 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TSMAX 250 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 11,850 | 20 | 65 | TSE/CE |
| 250 | SV | 3,00 | TSMAX 250 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 12,530 | 32 | 65 | TSE/CE |
| 400 | HG | 3,15 | TSMAX 400 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 12,640 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | TSMAX 400 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 12,850 | 35 | 65 | TSE/CE |
| 400 | SV | 4,60 | TSMAX 400 | 1 | 785 | 380 | 185 | E-40 | φ42- φ60 | 13,150 | 45 | 65 | TSE/CE |

Terminal Blocks: 1,5 - 2,5 mm² / Luminaire Class 1 / TS EN 60598-1 TS EN 60598-2-3

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 790mmx385mmx190mm

LIGHT DISTRIBUTION CURVES



STREET LIGHTING

LUMINAIRE

TPMAX

SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Open from Top
- Monoblock Anodized High Purity Aluminium Reflector
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System

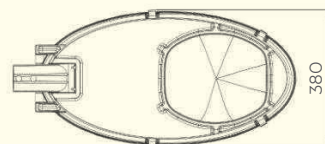
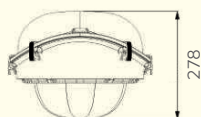
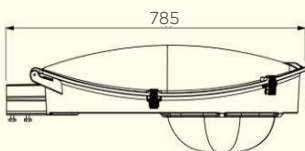
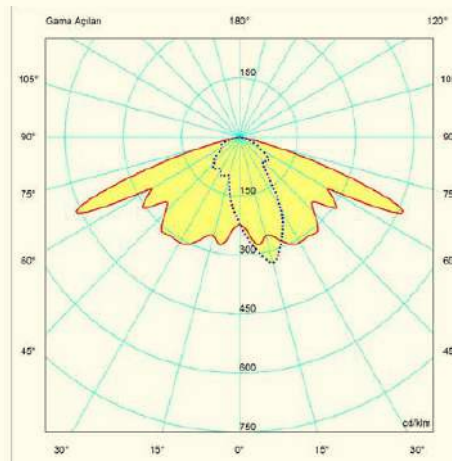
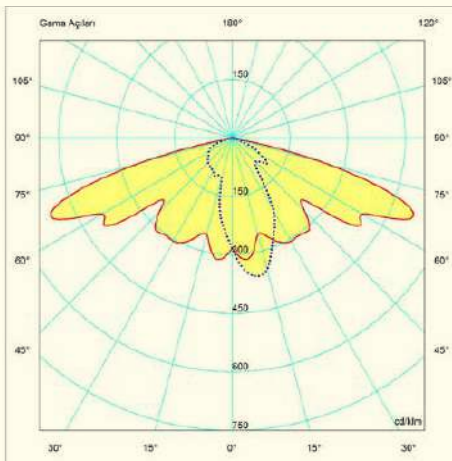


| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | TPMAX E-40 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 9,500 | | | TSE/CE |
| 210 | SV | 2,15 | TPMAX 210 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 11,800 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TPMAX 250 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 11,800 | 20 | 65 | TSE/CE |
| 250 | SV | 3,00 | TPMAX 250 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 12,500 | 32 | 65 | TSE/CE |
| 400 | HG | 3,15 | TPMAX 400 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 12,600 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | TPMAX 400 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 12,800 | 35 | 65 | TSE/CE |
| 400 | SV | 4,60 | TPMAX 400 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 13,000 | 45 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 210 | SV | 2,15 | TPMAX 210 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 11,850 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TPMAX 250 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 11,850 | 20 | 65 | TSE/CE |
| 250 | SV | 3,00 | TPMAX 250 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 12,530 | 32 | 65 | TSE/CE |
| 400 | HG | 3,15 | TPMAX 400 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 12,640 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | TPMAX 400 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 12,850 | 35 | 65 | TSE/CE |
| 400 | SV | 4,60 | TPMAX 400 | 1 | 785 | 380 | 278 | E-40 | φ42- φ60 | 13,150 | 45 | 65 | TSE/CE |

Terminal Blocks: 1,5 - 2,5 mm² / Luminaire Class 1 / TS EN 60598-1 TS EN 60598-2-3

Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 790mmx385mmx290mm

LIGHT DISTRUBUTION CURVES

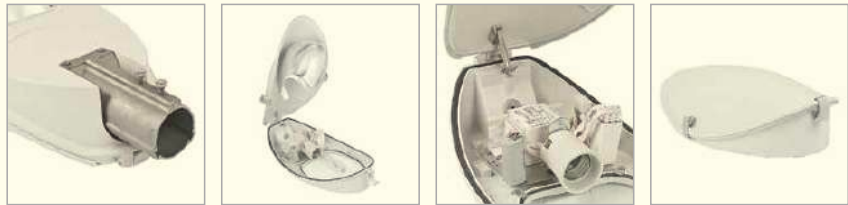


STREET LIGHTING

LUMINAIRE

TS

SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Open from Top
- Monoblock Anodized High Purity Aluminium Reflector
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System

IP65

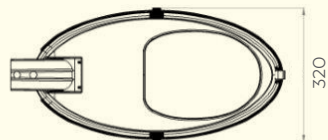
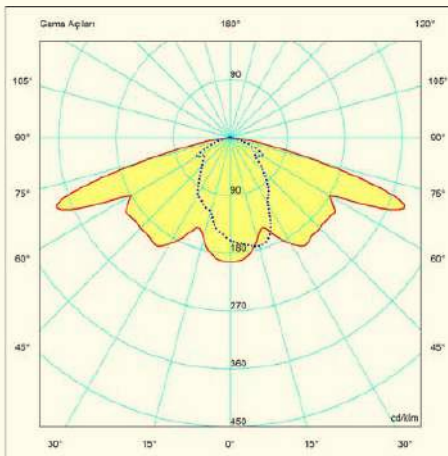


| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | TS E-27 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 3,000 | | 65 | TSE/CE |
| | | | TS E-40 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 3,010 | | 65 | TSE/CE |
| 50 | SV | 0,76 | TS 50 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,000 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TS 70 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,000 | 12 | 65 | TSE/CE |
| 100 | SV | 1,15 | TS 100 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 6,500 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | TS 110 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,000 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TS 125 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,000 | 10 | 65 | TSE/CE |
| 150 | SV | 1,80 | TS 150 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 7,000 | 20 | 65 | TSE/CE |
| 210 | SV | 2,15 | TS 210 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 7,500 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TS 250 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 7,500 | 20 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | TS 50 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,010 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TS 70 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,010 | 12 | 65 | TSE/CE |
| 100 | SV | 1,15 | TS 100 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 6,530 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | TS 110 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,010 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TS 125 | 1 | 658 | 320 | 150 | E-27 | φ42- φ60 | 6,010 | 10 | 65 | TSE/CE |
| 150 | SV | 1,80 | TS 150 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 7,100 | 20 | 65 | TSE/CE |
| 210 | SV | 2,15 | TS 210 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 7,600 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TS 250 | 1 | 658 | 320 | 150 | E-40 | φ42- φ60 | 7,600 | 20 | 65 | TSE/CE |

Terminal Blocks: 15 - 2.5 mm² / Luminaire Class 1 / TS EN 60598-1 TS EN 60598-2-3

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 670mmx320mmx160mm

LIGHT DISTRUBUTION CURVES



STREET LIGHTING

LUMINAIRE

TP
SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Monoblock Anodized High Purity Aluminium Reflector
- Open from Top
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System

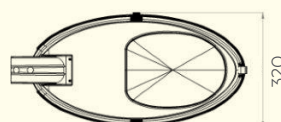
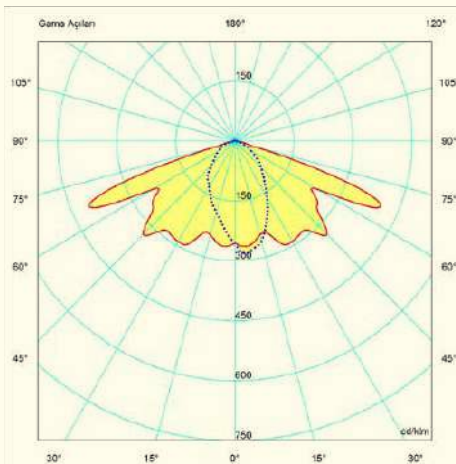


| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | TP E-27 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 3,000 | | 65 | TSE/CE |
| | | | TP E-40 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 3,010 | | 65 | TSE/CE |
| 50 | SV | 0,76 | TP 50 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,000 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TP 70 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,000 | 12 | 65 | TSE/CE |
| 100 | SV | 1,15 | TP 100 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 6,500 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | TP 110 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,000 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TP 125 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,000 | 10 | 65 | TSE/CE |
| 150 | SV | 1,80 | TP 150 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 7,000 | 20 | 65 | TSE/CE |
| 210 | SV | 2,15 | TP 210 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 7,500 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TP 250 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 7,500 | 20 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | TP 50 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,010 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TP 70 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,010 | 12 | 65 | TSE/CE |
| 100 | SV | 1,15 | TP 100 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 6,530 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | TP 110 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,010 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TP 125 | 2 | 658 | 320 | 200 | E-27 | φ42- φ60 | 6,010 | 10 | 65 | TSE/CE |
| 150 | SV | 1,80 | TP 150 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 7,100 | 20 | 65 | TSE/CE |
| 210 | SV | 2,15 | TP 210 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 7,600 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | TP 250 | 2 | 658 | 320 | 200 | E-40 | φ42- φ60 | 7,600 | 20 | 65 | TSE/CE |

Terminal Blocks: 1,5 - 2,5 mm² / Luminaire Class 1 / TS EN 60598-1 TS EN 60598-2-3

Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 670mmx320mmx208mm

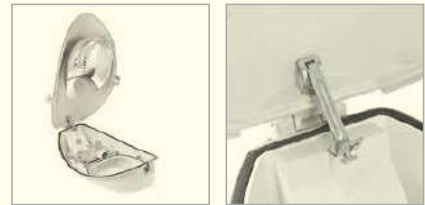
LIGHT DISTRUBUTION CURVES



STREET LIGHTING

LUMINAIRE

TSO
SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

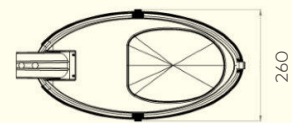
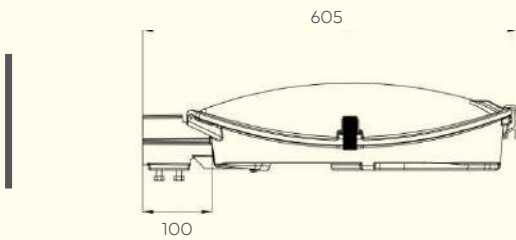
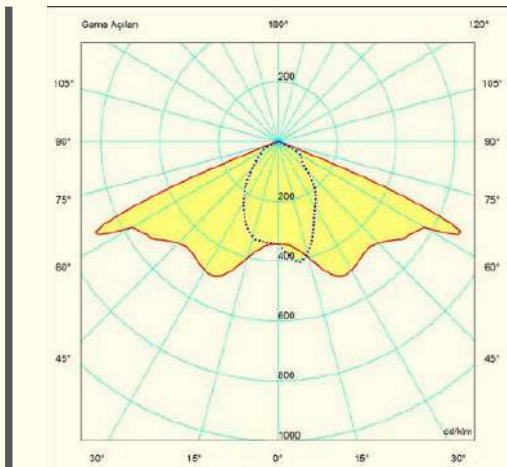
- Ergonomic Body
- Monoblock Anodized High Purity Aluminium Reflector
- Open from Top
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System



| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| 100 | SV | 1,15 | TSO 100 | 2 | 605 | 260 | 140 | E-40 | φ42- φ60 | 6,000 | 14 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 100 | SV | 1,15 | TSO 100 | 2 | 605 | 260 | 140 | E-40 | φ42- φ60 | 6,020 | 14 | 65 | TSE/CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 615mmx275mmx155mm

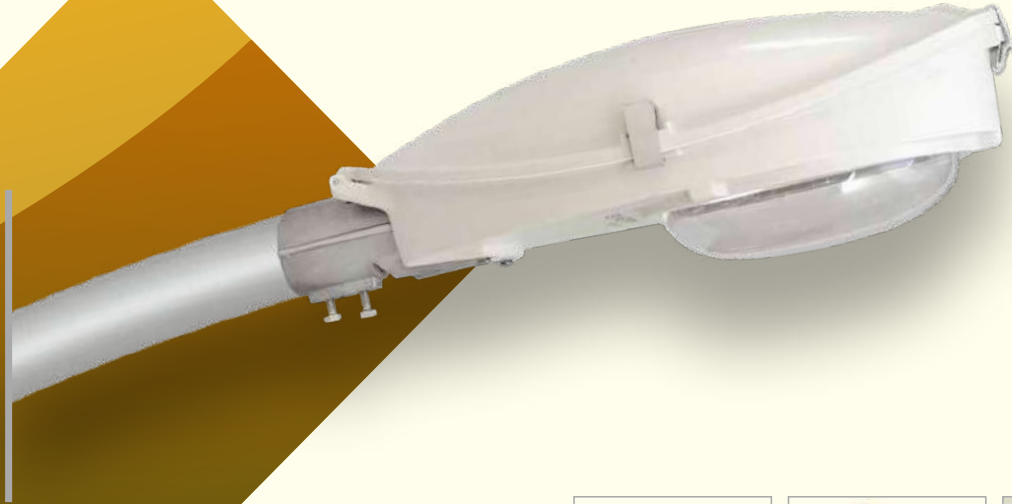
LIGHT DISTRUBTION CURVES



STREET LIGHTING

LUMINAIRE

TPO
SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

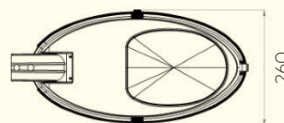
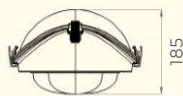
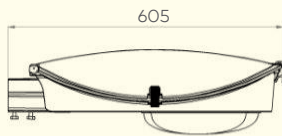
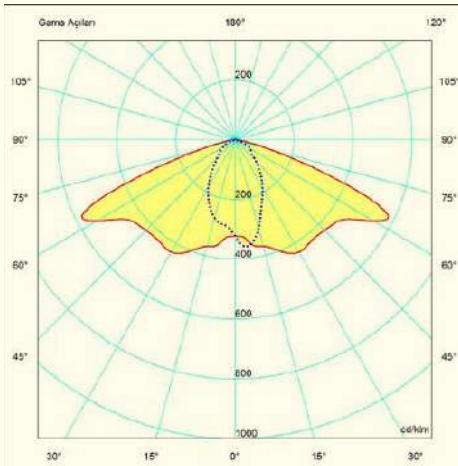
- Ergonomic Body
- Monoblock Anodized High Purity Aluminium Reflector
- Open from Top
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System



| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| 100 | SV | 1,15 | TPO100 | 2 | 605 | 260 | 185 | E-40 | φ42- φ60 | 6,000 | 14 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 100 | SV | 1,15 | TPO100 | 2 | 605 | 260 | 185 | E-40 | φ42- φ60 | 6,020 | 14 | 65 | TSE/CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 615mmx275mmx200mm

LIGHT DISTRIBUTION CURVES



STREET LIGHTING

LUMINAIRE

TPY

SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Open from Top
- Monoblock Anodized High Purity Aluminium Reflector
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System

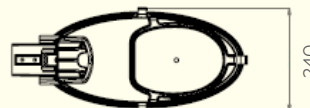
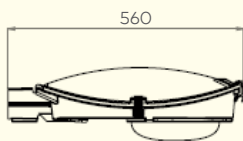
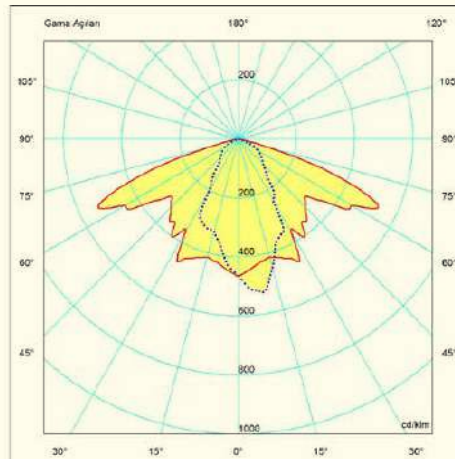
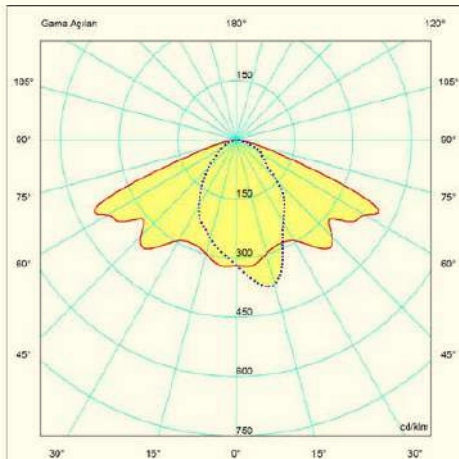
IP65



| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | TPY E-27 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 2,000 | | 65 | TSE/CE |
| 50 | SV | 0,76 | TPY 50 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,020 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TPY 70 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,134 | 12 | 65 | TSE/CE |
| 110 | SV | 1,15 | TPY 110 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,200 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TPY 125 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,200 | 10 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | TPY 50 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,030 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TPY 70 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,144 | 12 | 65 | TSE/CE |
| 110 | SV | 1,15 | TPY 110 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,210 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TPY 125 | 1 | 560 | 240 | 170 | E - 27 | φ42- φ60 | 4,210 | 10 | 65 | TSE/CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 570mmx240mmx175mm

LIGHT DISTRUBUTION CURVES



STREET LIGHTING

LUMINAIRE

TSY

SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Open from Top
- Monoblock Anodized High Purity Aluminium Reflector
- Removable Ballast Kit
- Low Maintenance Cost
- Tool Free Opening System

IP65



✓ ISO 9001
LL-C (Certification)

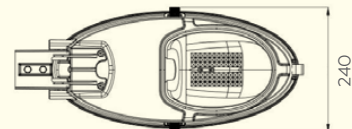
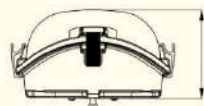
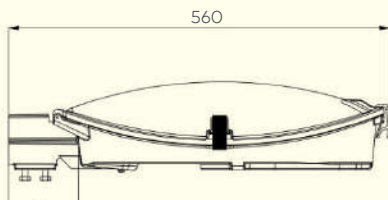
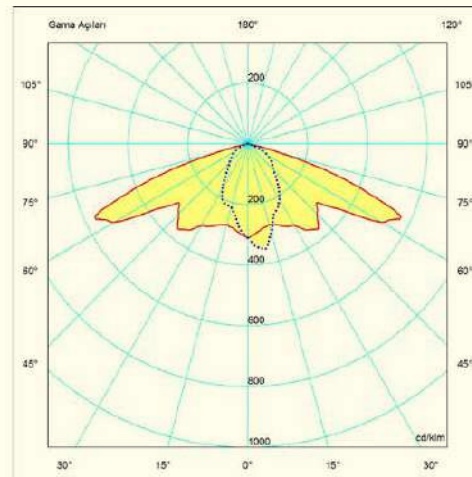
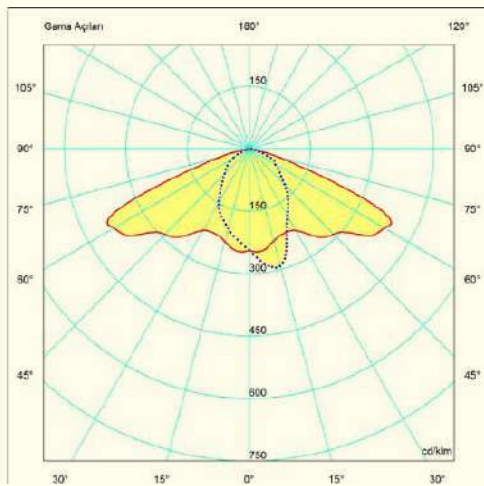
✓ ISO 14001
LL-C (Certification)

✓ OHSAS 18001
LL-C (Certification)

| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | TSY E-27 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 2,000 | | 65 | TSE/CE |
| 50 | SV | 0,76 | TSY 50 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,020 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TSY 70 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,134 | 12 | 65 | TSE/CE |
| 110 | SV | 1,15 | TSY 110 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,200 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TSY 125 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,200 | 10 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | TSY 50 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,030 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | TSY 70 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,144 | 12 | 65 | TSE/CE |
| 110 | SV | 1,15 | TSY 110 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,210 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | TSY 125 | 1 | 560 | 240 | 128 | E-27 | φ42- φ60 | 4,210 | 10 | 65 | TSE/CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 570mmx240mmx135mm

LIGHT DISTRUBTION CURVES



STREET LIGHTING

LUMINAIRE

CS
SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Monoblock Anodized High Purity Aluminium Reflector
- Diffuser Part Open from Botton, Gear Part Open from Top System
- Removable Ballast Kit
- Tool Free Opening System

IP65

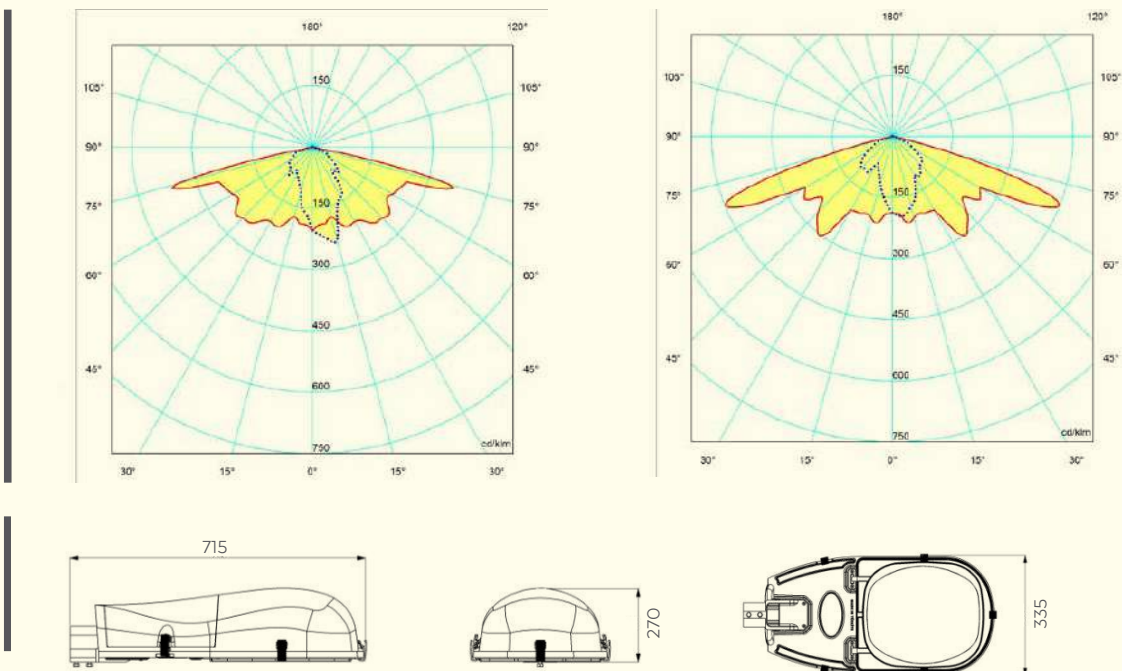




| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220 - 230V, 50Hz | | | | | | | | | | | | | |
| | | | CS E-40 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 7,800 | | 65 | TSE/CE |
| 150 | SV | 1,80 | CS 150 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 9,904 | 20 | 65 | TSE/CE |
| 210 | SV | 2,15 | CS 210 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 10,204 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | CS 250 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 10,204 | 20 | 65 | TSE/CE |
| 250 | SV | 3,00 | CS 250 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 10,930 | 32 | 65 | TSE/CE |
| 400 | HG | 3,15 | CS 400 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 11,452 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | CS 400 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 11,653 | 35 | 65 | TSE/CE |
| 400 | SV | 4,60 | CS 400 | 1 | 715 | 335 | 270 | E-40 | φ42- φ60 | 11,760 | 45 | 65 | TSE/CE |

Option : Flat Reflector
 Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08, IK08
 Box Dimension : 715mmx335mmx270mm

LIGHT DISTRUBUTION CURVES

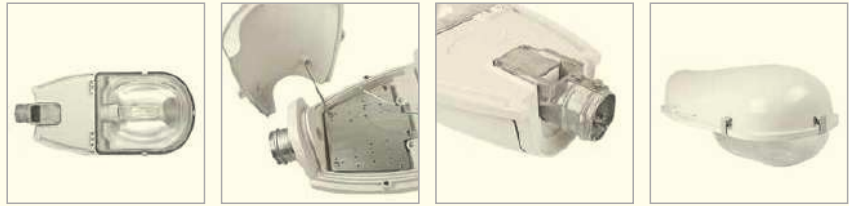


Minimum Order Quantity : 1,000 Pcs

STREET LIGHTING

LUMINAIRE

CP
SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Monoblock Anodized High Purity Aluminium Reflector
- Diffuser Part Open from Botton, Gear Part Open from Top System
- Removable Ballast Kit
- Tool Free Opening System

IP65

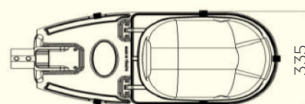
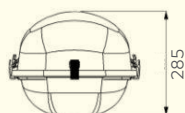
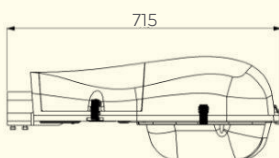
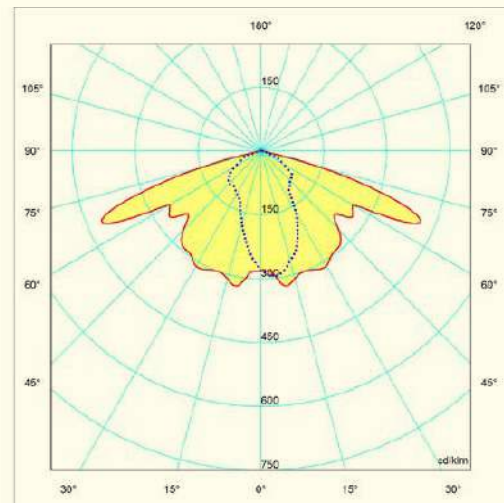
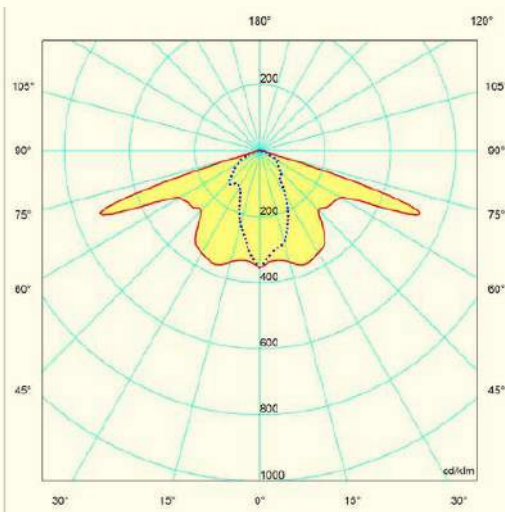




| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|-------------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V - 230V, 50Hz | | | | | | | | | | | | | |
| | | | CPE-40 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 7,800 | | | TSE/CE |
| 150 | SV | 1,80 | CP 150 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 9,904 | 20 | 65 | TSE/CE |
| 210 | SV | 2,15 | CP 210 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 10,204 | 20 | 65 | TSE/CE |
| 250 | HG | 2,15 | CP 250 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 10,204 | 20 | 65 | TSE/CE |
| 250 | SV | 3,00 | CP 250 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 10,930 | 32 | 65 | TSE/CE |
| 400 | HG | 3,15 | CP 400 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 11,452 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | CP 400 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 11,653 | 35 | 65 | TSE/CE |
| 400 | SV | 4,60 | CP 400 | 2 | 715 | 335 | 285 | E-40 | φ42- φ60 | 11,760 | 45 | 65 | TSE/CE |

Option : Flat Reflector
 Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 720mmx334mmx275mm

LIGHT DISTRUBTION CURVES



STREET LIGHTING

LUMINAIRE

CSY SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Suitable for Led and Energy Saving Lamps
- Open from Bottom
- Tool Free Opening System

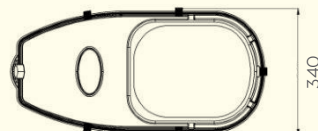
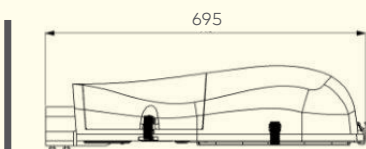
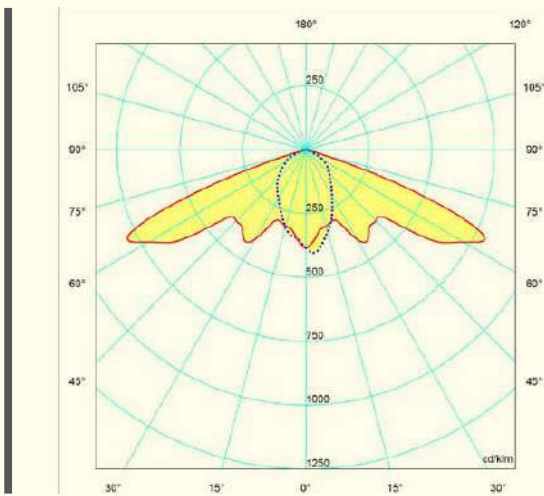


| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | CSY E-40 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 6,000 | | 54 | CE |
| 150 | SV | 1,80 | CSY 150 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 8,904 | 20 | 54 | CE |
| 210 | SV | 2,15 | CSY 210 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 10,000 | 20 | 54 | CE |
| 250 | HG | 2,15 | CSY 250 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 10,000 | 20 | 54 | CE |
| 250 | SV | 3,00 | CSY 250 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,000 | 32 | 54 | CE |
| 400 | HG | 3,15 | CSY 400 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,000 | 32 | 54 | CE |
| 400 | MH | 3,50 | CSY 400 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,688 | 35 | 54 | CE |
| 400 | SV | 4,60 | CSY 400 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,789 | 45 | 54 | CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 150 | SV | 1,80 | CSY 150 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 8,930 | 20 | 54 | CE |
| 210 | SV | 2,15 | CSY 210 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 10,434 | 20 | 54 | CE |
| 250 | HG | 2,15 | CSY 250 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 10,434 | 20 | 54 | CE |
| 250 | SV | 3,00 | CSY 250 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,035 | 32 | 54 | CE |
| 400 | HG | 3,15 | CSY 400 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,038 | 32 | 54 | CE |
| 400 | MH | 3,50 | CSY 400 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,745 | 35 | 54 | CE |
| 400 | SV | 4,60 | CSY 400 | 1 | 695 | 340 | 185 | E-40 | φ42- φ60 | 11,836 | 45 | 54 | CE |

Terminal Blocks: 1,5 - 2,5 mm² / Luminaire Class 2 / TS EN 60598-1 TS EN 60598-2-3

- Option : Monoblock Reflector and Gear Plate
- Seal Type : Resistant To Heat Silicon
- Diffuser : Tempered Flat Glass
- Power Factor : 0,95 - 1
- Body Type : Polymer / GRP, IK 08
- Box Dimension : 685mmx324mmx185mm

LIGHT DISTRUBUTION CURVES



STREET LIGHTING

LUMINAIRE

CPY SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Suitable for Led and Energy Saving Lamps
- Open from Bottom
- Tool Free Opening System

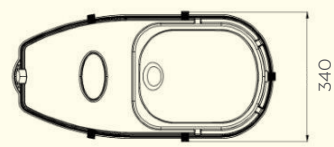
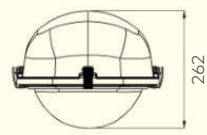
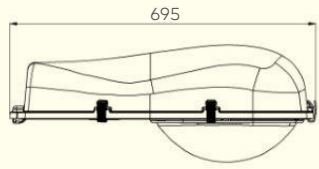
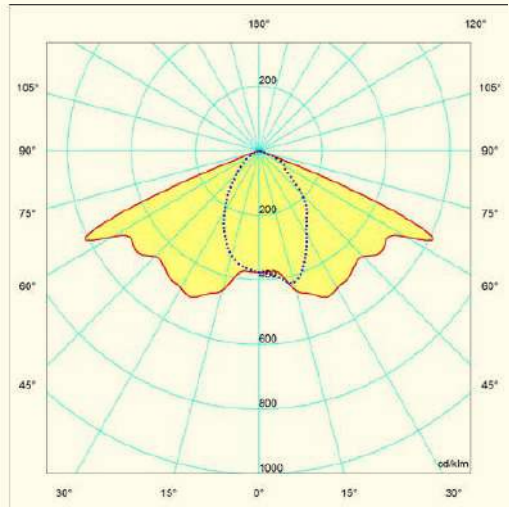


| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----------------------|
| 220V, 50Hz | | | | | | | | | | | | |
| | | | CPY E-40 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 6,000 | | CE |
| 150 | SV | 1,80 | CPY150 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 8,904 | 20 | CE |
| 210 | SV | 2,15 | CPY 210 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 10,000 | 20 | CE |
| 250 | HG | 2,15 | CPY 250 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 10,000 | 20 | CE |
| 250 | SV | 3,00 | CPY 250 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,000 | 32 | CE |
| 400 | HG | 3,15 | CPY 400 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,000 | 32 | CE |
| 400 | MH | 3,50 | CPY 400 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,688 | 35 | CE |
| 400 | SV | 4,60 | CPY 400 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,789 | 45 | CE |
| 230V, 50Hz | | | | | | | | | | | | |
| 150 | SV | 1,80 | CPY150 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 8,930 | 20 | CE |
| 210 | SV | 2,15 | CPY 210 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 10,434 | 20 | CE |
| 250 | HG | 2,15 | CPY 250 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 10,434 | 20 | CE |
| 250 | SV | 3,00 | CPY 250 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,035 | 32 | CE |
| 400 | HG | 3,15 | CPY 400 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,038 | 32 | CE |
| 400 | MH | 3,50 | CPY 400 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,745 | 35 | CE |
| 400 | SV | 4,60 | CPY 400 | 2 | 340 | 695 | 262 | E-40 | φ42- φ60 | 11,836 | 45 | CE |

Terminal Blocks: 1,5 - 2,5 mm² / Luminaire Class 2 / TS EN 60598-1 TS EN 60598-2-3

Option: Monoblock Reflector and Gear Plate
 Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 695mmx340mmx265mm

LIGHT DISTRUBUTION CURVES



STREET LIGHTING

LUMINAIRE

MS
SERIES



APPLICATIONS

- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Car Parks

FEATURES

- Ergonomic Body
- Tool Free Bowl Removal with Hinged System
- Open from Bottom
- Flat Reflector
- Suitable for Energy Saving Lamps

IP65



✓ ISO 9001
LL-C (Certification)

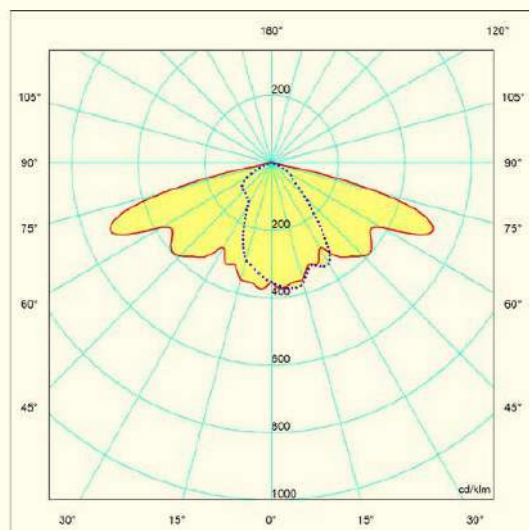
✓ ISO 14001
LL-C (Certification)

✓ OHSAS 18001
LL-C (Certification)

| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | MS E-27 | 1 | 560 | 280 | 138 | E-27 | φ42 | 3,300 | | 65 | TSE/CE |
| | | | MS E-40 | 1 | 560 | 280 | 138 | E-40 | φ42 | 3,300 | | 65 | TSE/CE |
| 50 | SV | 0,76 | MS 50 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,800 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | MS 70 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,800 | 12 | 65 | TSE/CE |
| 100 | SV | 1,20 | MS 100 | 1 | 560 | 280 | 138 | E-40 | φ42 | 5,000 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | MS 110 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,700 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | MS 125 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,700 | 10 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | MS 50 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,812 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | MS 70 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,819 | 12 | 65 | TSE/CE |
| 100 | SV | 1,20 | MS 100 | 1 | 560 | 280 | 138 | E-40 | φ42 | 5,025 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | MS 110 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,716 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | MS 125 | 1 | 560 | 280 | 138 | E-27 | φ42 | 4,716 | 10 | 65 | TSE/CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 560mmx280mmx140mm

LIGHT DISTRUBUTION CURVES



STREET LIGHTING

LUMINAIRE

MP
SERIES



APPLICATIONS

- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Car Parks

FEATURES

- Ergonomic Body
- Tool Free Bowl Removal with Hinged System
- Open from Bottom
- Flat Reflector
- Suitable for Energy Saving Lamps
- Tool Free Opening System

IP65



✓ ISO 9001
LL-C (Certification)

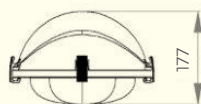
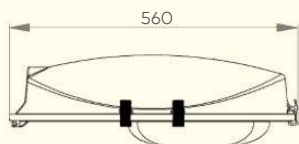
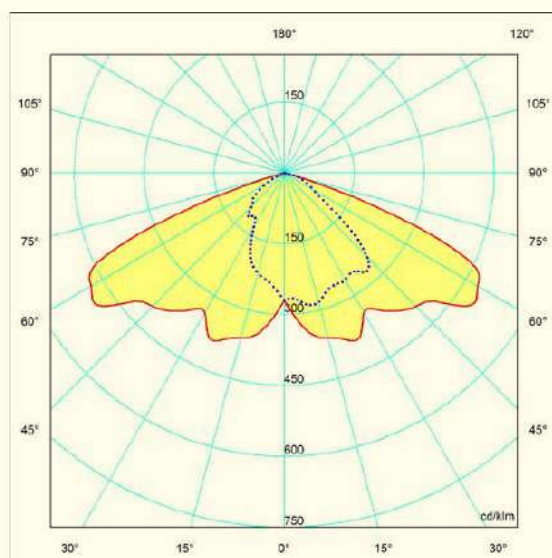
✓ ISO 14001
LL-C (Certification)

✓ OHSAS 18001
LL-C (Certification)

| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | MPE-27 | 1 | 560 | 280 | 177 | E-27 | φ42 | 3,300 | | 65 | TSE/CE |
| | | | MPE-40 | 1 | 560 | 280 | 177 | E-40 | φ42 | 3,300 | | 65 | TSE/CE |
| 50 | SV | 0,76 | MP 50 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,800 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | MP 70 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,800 | 12 | 65 | TSE/CE |
| 100 | SV | 1,20 | MP 100 | 1 | 560 | 280 | 177 | E-40 | φ42 | 5,000 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | MP 110 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,700 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | MP 125 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,700 | 10 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | MP 50 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,812 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | MP 70 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,819 | 12 | 65 | TSE/CE |
| 100 | SV | 1,20 | MP 100 | 1 | 560 | 280 | 177 | E-40 | φ42 | 5,025 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | MP 110 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,716 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | MP 125 | 1 | 560 | 280 | 177 | E-27 | φ42 | 4,716 | 10 | 65 | TSE/CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Polycarbon
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 560mmx280mmx180mm

LIGHT DISTRUBTION CURVES



STREET LIGHTING

LUMINAIRE

HP
SERIES



APPLICATIONS

- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Car Parks

FEATURES

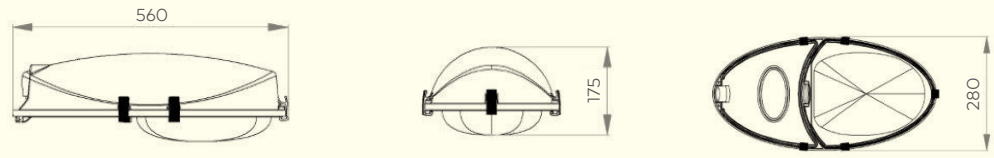
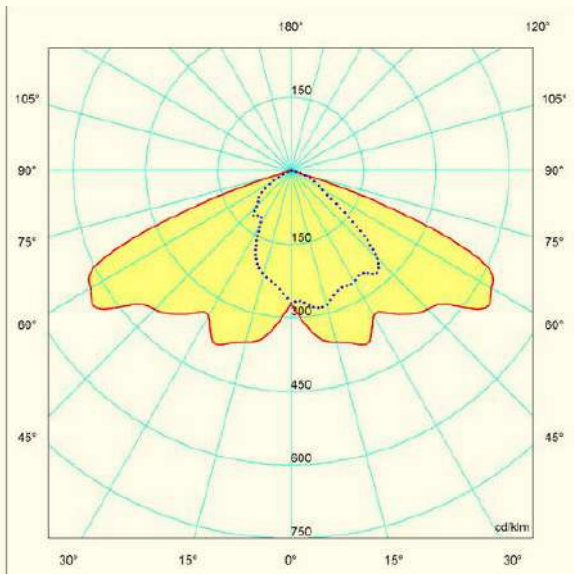
- Ergonomic Body
- Tool Free Bowl Removal with Hinged System
- Open from Bottom
- Flat Reflector
- Suitable for Energy Saving Lamps
- Tool Free Opening System



| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Console | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | HP E-27 | 1 | 560 | 280 | 175 | E-27 | φ42 | 3,000 | | 65 | TSE/CE |
| | | | HP E-40 | 1 | 560 | 280 | 175 | E-40 | φ42 | 3,000 | | 65 | TSE/CE |
| 50 | SV | 0,76 | HP 50 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,500 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | HP 70 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,500 | 12 | 65 | TSE/CE |
| 100 | SV | 1,20 | HP 100 | 1 | 560 | 280 | 175 | E-40 | φ42 | 4,800 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | HP 110 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,500 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | HP 125 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,500 | 10 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 50 | SV | 0,76 | HP 50 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,512 | 10 | 65 | TSE/CE |
| 70 | SV | 1,00 | HP 70 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,519 | 12 | 65 | TSE/CE |
| 100 | SV | 1,20 | HP 100 | 1 | 560 | 280 | 175 | E-40 | φ42 | 4,825 | 14 | 65 | TSE/CE |
| 110 | SV | 1,15 | HP 110 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,516 | 10 | 65 | TSE/CE |
| 125 | HG | 1,15 | HP 125 | 1 | 560 | 280 | 175 | E-27 | φ42 | 4,516 | 10 | 65 | TSE/CE |

- Seal Type : Resistant To Heat Silicon
- Diffuser : Polycarbon
- Power Factor : 0,95 - 1
- Body Type : Polymer / GRP, IK 08
- Box Dimension : 560mmx280mmx180mm

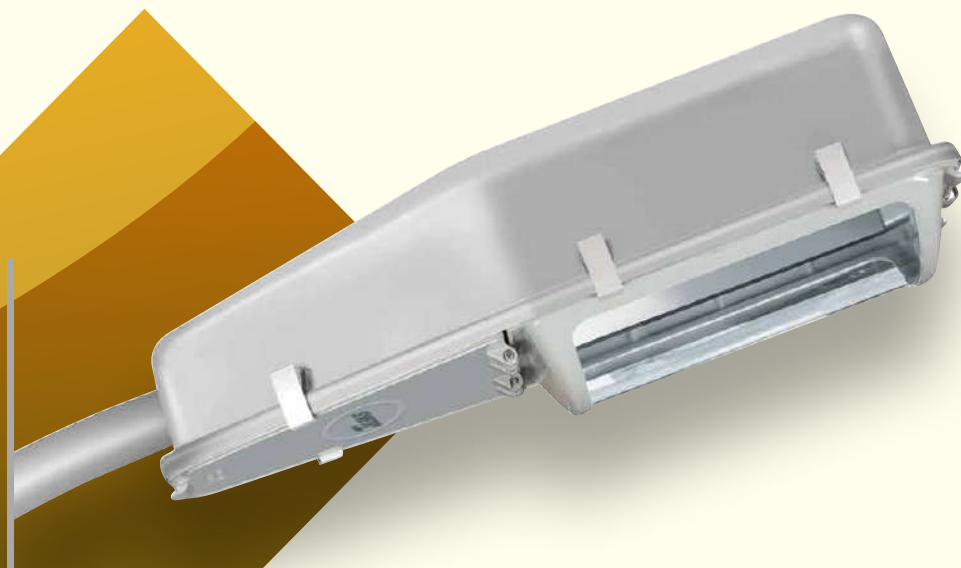
LIGHT DISTRIBUTION CURVES



STREET LIGHTING

LUMINAIRE

AS
SERIES



APPLICATIONS

- Highways
- Street and Roads
- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks

FEATURES

- Ergonomic Body
- Safely Open Diffuser and Bowl
- Open from Bottom
- Flat Reflector
- Suitable for Energy Saving Lamps
- Tool Free Opening System

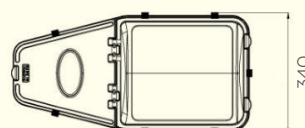
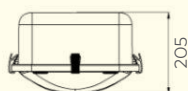
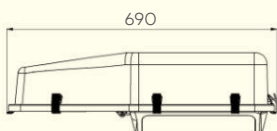
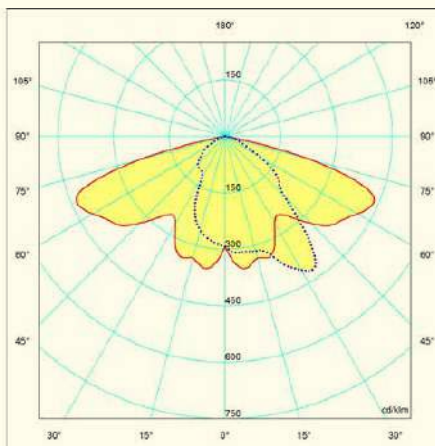




| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|-------------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V - 230V, 50Hz | | | | | | | | | | | | | |
| | | | AS E-40 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 5,800 | | 43 | CE |
| 210 | SV | 2,15 | AS 210 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 8,000 | 20 | 43 | CE |
| 250 | HG | 2,15 | AS 250 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 8,000 | 20 | 43 | CE |
| 250 | SV | 3,00 | AS 250 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 8,500 | 32 | 43 | CE |
| 400 | HG | 3,15 | AS 400 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 8,500 | 32 | 43 | CE |
| 400 | MH | 3,50 | AS 400 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 8,700 | 35 | 43 | CE |
| 400 | SV | 4,60 | AS 400 | 1 | 690 | 340 | 205 | E-40 | φ42- φ60 | 9,500 | 45 | 43 | CE |

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Aluminium Pressed Body
 Box Dimension : 710mmx345mmx210mm

LIGHT DISTRUBUTION CURVES



FLOODLIGHTS

PS

SERIES



APPLICATIONS

- Industrial Fields
- Residential Areas
- Parks
- Perimeter and Security Lighting
- Cross Roads
- Car Parks
- Building Exteriors
- Sports Areas

FEATURES

- High Efficient Lighting Distribution
- High Purity Anodized Aluminum Reflector
- Optional Symetric and Asymmetric Reflector
- Tool Free Opening System

IP65



✓ ISO 9001
LL-C (Certification)

✓ ISO 14001
LL-C (Certification)

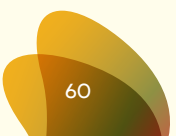
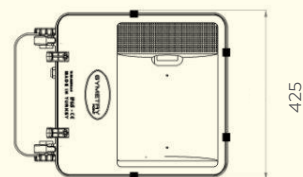
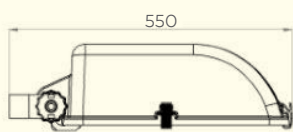
✓ OHSAS 18001
LL-C (Certification)

| Power W | Lamp Type | Current A | Luminaire Lamp Type | Figure | a mm | b mm | c mm | Lamp Holder Type | Pole Mount Consale | Weight kg | Capacitor mf | IP | Quality Certificates |
|------------|-----------|-----------|---------------------|--------|------|------|------|------------------|--------------------|-----------|--------------|----|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | |
| | | | PS E-40 | 1 | 550 | 425 | 165 | E-40 | Bracket | 9,500 | | 65 | TSE/CE |
| | | | PS E-40 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,000 | | 66 | TSE/CE |
| 150 | MH | 1,80 | PS 150 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,200 | 20 | 65 | CE |
| 250 | MH | 3,00 | PS 250 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,300 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | PS 400 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,350 | 35 | 65 | TSE/CE |
| 250 | SV | 3,00 | PS 250 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,300 | 32 | 65 | TSE/CE |
| 400 | SV | 3,50 | PS 400 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,500 | 45 | 65 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | |
| 150 | MH | 1,80 | PS 150 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,230 | 20 | 65 | CE |
| 250 | MH | 3,00 | PS 250 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,337 | 32 | 65 | TSE/CE |
| 400 | MH | 3,50 | PS 400 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,380 | 35 | 65 | TSE/CE |
| 250 | SV | 3,00 | PS 250 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,337 | 32 | 65 | TSE/CE |
| 400 | SV | 3,50 | PS 400 | 1 | 550 | 425 | 165 | E-40 | Bracket | 10,550 | 45 | 65 | TSE/CE |

Terminal Blocks: 1.5 - 2.5 mm² / Luminaire Class 1 / TS 8700 EN 60598-2-5

- Seal Type : Resistant To Heat Silicon
- Diffuser : Tempered Flat Glass
- Power Factor : 0,95 - 1
- Body Type : Polymer / GRP, IK 08
- Box Dimension : 560mmx434mmx185mm

DIMENSIONS



PROJECTS

All Star Halı Saha 2016



Italy, Bari 2016-2017



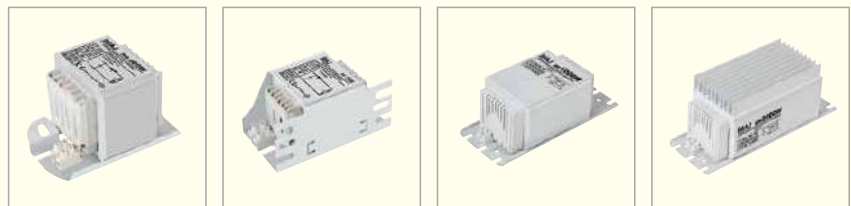
BALLASTS

IGNITORS

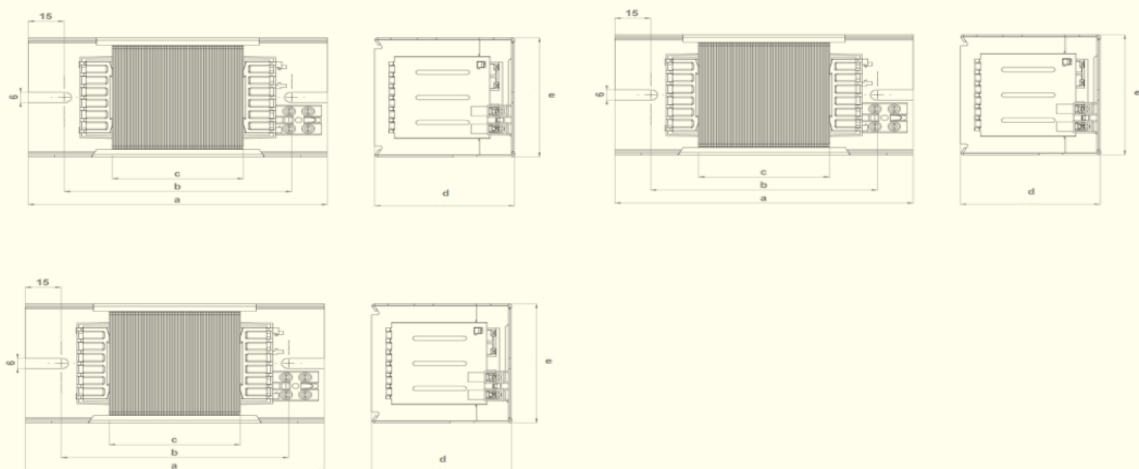
*ELECTRICAL
DISTRIBUTION
BOXES*

BALLAST FOR HIGH INTENSITY DISCHARGE LAMPS

HID LAMP BALLASTS



STANDART BALLAST DIMENSIONS



| Lamp Power W | Lamp Type | Current A | Ballast Lamp Type | Cos φ | Figure | a mm | b mm | c mm | d mm | e mm | Weight kg | Dt C | Thermal Protection | Capacitor μf | Quantity in a Box | Quality Certificates |
|--------------|-----------|-----------|-------------------|-------|--------|------|------|------|------|------|-----------|------|--------------------|--------------|-------------------|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | | | | |
| 50 | SV | 0,76 | SV 50 | 0,40 | 1 | 116 | 90 | 45 | 59 | 69 | 1,308 | 70 | Yes | 10 | 16 | ENEC |
| 70 | SV | 1,00 | SV 70 | 0,37 | 1 | 116 | 90 | 45 | 59 | 69 | 1,347 | 70 | Yes | 12 | 16 | ENEC |
| 100 | SV | 1,15 | SV 100 | 0,44 | 1 | 126 | 100 | 55 | 59 | 69 | 1,649 | 70 | Yes | 14 | 16 | ENEC |
| 110 | SV | 1,15 | SV 110 | 0,52 | 1 | 116 | 90 | 45 | 59 | 69 | 1,404 | 70 | Yes | 10 | 16 | ENEC |
| 150 | SV | 1,80 | SV 150 | 0,43 | 1 | 144 | 119 | 75 | 59 | 69 | 2,154 | 70 | Yes | 20 | 12 | ENEC |
| 210 | SV | 2,15 | SV 210 | 0,50 | 1 | 144 | 119 | 75 | 59 | 69 | 2,454 | 70 | Yes | 20 | 12 | ENEC |
| 250 | SV | 3,00 | SV 250 | 0,42 | 2 | 127 | 110 | 51 | 81 | 99 | 3,253 | 70 | Yes | 32 | 4 | ENEC |
| 400 | SV | 4,60 | SV 400 | 0,43 | 2 | 160 | 142 | 85 | 81 | 99 | 5,041 | 80 | Yes | 45 | 4 | ENEC |
| 230V, 50Hz | | | | | | | | | | | | | | | | |
| 50 | SV | 0,76 | SV 50 | 0,40 | 1 | 116 | 90 | 45 | 59 | 69 | 1,320 | 70 | Yes | 10 | 16 | ENEC |
| 70 | SV | 1,00 | SV 70 | 0,37 | 1 | 116 | 90 | 45 | 59 | 69 | 1,360 | 70 | Yes | 12 | 16 | ENEC |
| 100 | SV | 1,15 | SV 100 | 0,44 | 1 | 126 | 100 | 55 | 59 | 69 | 1,670 | 70 | Yes | 14 | 16 | ENEC |
| 110 | SV | 1,15 | SV 110 | 0,52 | 1 | 116 | 90 | 45 | 59 | 69 | 1,430 | 70 | Yes | 10 | 16 | ENEC |
| 150 | SV | 1,80 | SV 150 | 0,43 | 1 | 144 | 119 | 75 | 59 | 69 | 2,180 | 70 | Yes | 20 | 12 | ENEC |
| 210 | SV | 2,15 | SV 210 | 0,50 | 1 | 144 | 119 | 75 | 59 | 69 | 2,490 | 70 | Yes | 20 | 12 | ENEC |
| 250 | SV | 3,00 | SV 250 | 0,42 | 2 | 127 | 110 | 51 | 81 | 99 | 3,290 | 70 | Yes | 32 | 4 | ENEC |
| 400 | SV | 4,60 | SV 400 | 0,43 | 2 | 160 | 142 | 85 | 81 | 99 | 5,150 | 80 | Yes | 45 | 4 | ENEC |
| 220V, 50Hz | | | | | | | | | | | | | | | | |
| 50 | SV | 0,76 | SV 50 | 0,40 | 1 | 116 | 90 | 45 | 59 | 69 | 1,308 | 70 | Yes | 10 | 16 | TSE/CE |
| 70 | SV | 1,00 | SV 70 | 0,37 | 1 | 116 | 90 | 45 | 59 | 69 | 1,321 | 70 | Yes | 12 | 16 | TSE/CE |
| 100 | SV | 1,20 | SV 100 | 0,44 | 1 | 126 | 100 | 55 | 59 | 69 | 1,634 | 70 | Yes | 14 | 16 | TSE/CE |
| 110 | SV | 1,15 | SV 110 | 0,52 | 1 | 116 | 90 | 45 | 59 | 69 | 1,384 | 70 | Yes | 10 | 16 | TSE/CE |
| 150 | SV | 1,80 | SV 150 | 0,43 | 1 | 144 | 119 | 75 | 59 | 69 | 2,104 | 70 | Yes | 20 | 12 | TSE/CE |
| 210 | SV | 2,15 | SV 210 | 0,50 | 1 | 144 | 119 | 75 | 59 | 69 | 2,404 | 70 | Yes | 20 | 12 | TSE/CE |
| 250 | SV | 3,00 | SV 250 | 0,42 | 2 | 127 | 110 | 51 | 81 | 99 | 3,130 | 70 | Yes | 32 | 4 | TSE/CE |
| 250 | SV | 3,00 | SV 250 | 0,42 | 1 | 140 | 116 | 68 | 68 | 81 | 2,808 | 70 | Yes | 32 | 4 | TSE/CE |
| 400 | SV | 4,60 | SV 400 | 0,43 | 2 | 160 | 142 | 85 | 81 | 99 | 4,863 | 80 | Yes | 45 | 4 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | | | | |
| 50 | SV | 0,76 | SV 50 | 0,40 | 1 | 116 | 90 | 45 | 59 | 69 | 1,320 | 70 | Yes | 10 | 16 | TSE/CE |
| 50 | SV | 0,76 | SV 50 | 0,40 | 1 | 116 | 90 | 45 | 59 | 69 | 1,320 | 70 | Yes | 10 | 16 | TSE/CE |
| 50 | SV | 0,76 | SV 50 | 0,40 | 1 | 116 | 90 | 45 | 59 | 69 | 1,320 | 70 | Yes | 10 | 16 | TSE/CE |
| 70 | SV | 1,00 | SV 70 | 0,37 | 1 | 116 | 90 | 45 | 59 | 69 | 1,340 | 70 | Yes | 12 | 16 | TSE/CE |
| 100 | SV | 1,20 | SV 100 | 0,44 | 1 | 126 | 100 | 55 | 59 | 69 | 1,659 | 70 | Yes | 14 | 16 | TSE/CE |
| 110 | SV | 1,15 | SV 110 | 0,52 | 1 | 116 | 90 | 45 | 59 | 69 | 1,400 | 70 | Yes | 10 | 16 | TSE/CE |
| 150 | SV | 1,80 | SV 150 | 0,43 | 1 | 144 | 119 | 75 | 59 | 69 | 2,130 | 70 | Yes | 20 | 12 | TSE/CE |
| 210 | SV | 2,15 | SV 210 | 0,50 | 1 | 144 | 119 | 75 | 59 | 69 | 2,434 | 70 | Yes | 20 | 12 | TSE/CE |
| 250 | SV | 3,00 | SV 250 | 0,42 | 2 | 127 | 110 | 51 | 81 | 99 | 3,165 | 70 | Yes | 32 | 4 | TSE/CE |
| 250 | SV | 3,00 | SV 250 | 0,42 | 2 | 140 | 116 | 68 | 68 | 81 | 2,838 | 70 | Yes | 32 | 4 | TSE/CE |
| 400 | SV | 4,60 | SV 400 | 0,43 | 2 | 160 | 142 | 85 | 81 | 99 | 4,910 | 80 | Yes | 45 | 4 | TSE/CE |
| 400 | SV | 4,60 | SV 400 | 0,43 | 2 | 162 | 137 | 92 | 68 | 81 | 3,625 | 80 | Yes | 45 | 4 | TSE/CE |
| 600 | SV | 6,20 | SV 600 | 0,45 | 3 | 252 | 227 | 125 | 87 | 107 | 8,341 | 80 | No | 64 | 2 | TSE/CE |
| 1000 | SV | 10,30 | SV 1000 | 0,47 | 3 | 252 | 227 | 142 | 87 | 107 | 13,105 | 80 | No | 100 | 2 | TSE/CE |

STANDARD SV BALLAST TECHNICAL SPECIFICATIONS

Terminal Blocks: 1,5 - 2,5 mm² / tw 130 C / Protection Class 1 / TS EN 60923, TS EN 61347

| Lamp Power W | Lamp Type | Current A | Ballast Lamp Type | Cos φ | Figure | a mm | b mm | c mm | d mm | e mm | Weight kg | Dt C | Thermal Protection | Capacitor μf | Quantity in a Box | Quality Certificates |
|--------------|-----------|-----------|-------------------|-------|--------|------|------|------|------|------|-----------|------|--------------------|--------------|-------------------|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | | | | |
| 400 | MH | 3,50 | MH 400 | 0,56 | 2 | 140 | 117 | 65 | 81 | 100 | 3,853 | 80 | Yes | 35 | 4 | TSE/CE |
| 400 | MH | 3,50 | MH 400 | 0,56 | 1 | 140 | 116 | 68 | 68 | 81 | 2,860 | 80 | Yes | 35 | 4 | TSE/CE |
| 1000 | MH | 9,50 | MH 1000 | 0,51 | 3 | 252 | 227 | 125 | 87 | 107 | 8,500 | 80 | No | 85 | 2 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | | | | |
| 400 | MH | 3,50 | MH 400 | 0,56 | 2 | 140 | 117 | 65 | 81 | 100 | 3,910 | 80 | Yes | 35 | 4 | TSE/CE |
| 400 | MH | 3,50 | MH 400 | 0,56 | 2 | 140 | 116 | 68 | 68 | 81 | 2,895 | 80 | Yes | 35 | 4 | TSE/CE |
| 1000 | MH | 9,50 | MH 1000 | 0,51 | 3 | 252 | 227 | 125 | 87 | 107 | 8,530 | 80 | No | 85 | 2 | TSE/CE |
| 380V, 50Hz | | | | | | | | | | | | | | | | |
| 1000 | MH | 9,50 | MH 1000 | 0,59 | 3 | 252 | 227 | 125 | 87 | 107 | 8,500 | 80 | No | 85 | 2 | TSE/CE |
| 2000 | MH | 16,50 | MH 2000 | 0,33 | 3 | 252 | 227 | 154 | 87 | 107 | 14,414 | 80 | No | 125 | 2 | TSE/CE |

STANDARD MH BALLAST TECHNICAL SPECIFICATIONS

Terminal Blocks: 1,5 - 2,5 mm² / tw 130 C / Protection Class 1 / TS EN 60923, TS EN 61347

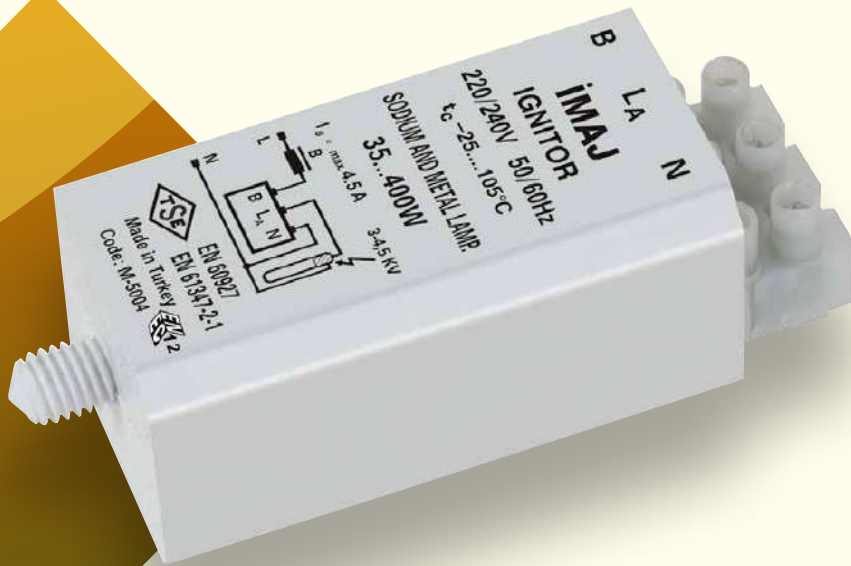
| Lamp Power W | Lamp Type | Current A | Ballast Lamp Type | Cos φ | Figure | a mm | b mm | c mm | d mm | e mm | Weight kg | Dt C | Thermal Protection | Capacitor μf | Quantity in a Box | Quality Certificates |
|--------------|-----------|-----------|-------------------|-------|--------|------|------|------|------|------|-----------|------|--------------------|--------------|-------------------|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | | | | |
| 125 | HG | 1,15 | HG 125 | 0,55 | 1 | 116 | 90 | 45 | 59 | 69 | 1,384 | 70 | Yes | 10 | 16 | TSE/CE |
| 250 | HG | 2,15 | HG 250 | 0,57 | 1 | 144 | 119 | 75 | 59 | 69 | 2,404 | 70 | Yes | 20 | 12 | TSE/CE |
| 400 | HG | 3,15 | HG 400 | 0,60 | 2 | 127 | 110 | 51 | 81 | 99 | 3,652 | 80 | Yes | 32 | 4 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | | | | |
| 125 | HG | 1,15 | HG 125 | 0,55 | 1 | 116 | 90 | 45 | 59 | 69 | 1,384 | 70 | Yes | 10 | 16 | TSE/CE |
| 250 | HG | 2,15 | HG 250 | 0,57 | 1 | 144 | 119 | 75 | 59 | 69 | 2,434 | 70 | Yes | 20 | 12 | TSE/CE |
| 400 | HG | 3,15 | HG 400 | 0,60 | 2 | 127 | 110 | 51 | 81 | 99 | 3,680 | 80 | Yes | 24 | 4 | TSE/CE |

STANDARD HG BALLAST TECHNICAL SPECIFICATIONS

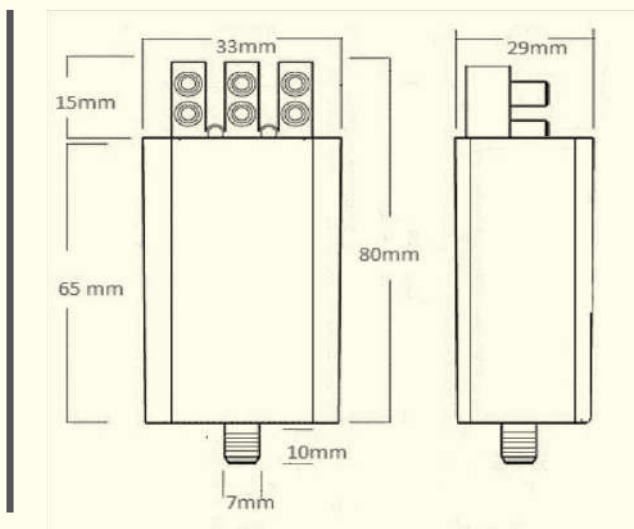
Terminal Blocks: 1,5 - 2,5 mm² / tw 130 C / Protection Class 1 / TS EN 60923, TS EN 61347

IGNITORS

STANDART
IGNITORS



STANDARD IGNITORS DIMENTIONS

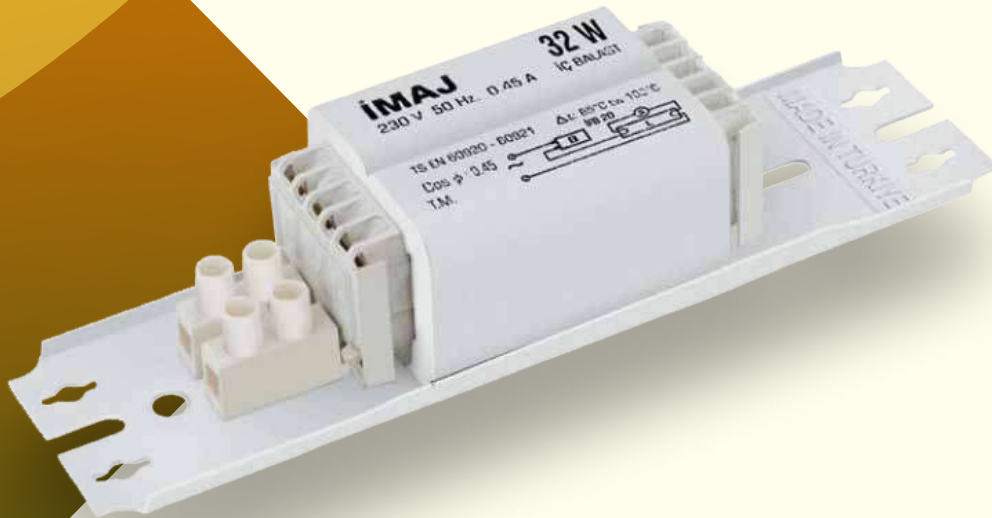


| Ignitor Power W | Lamp Type | Max Current A | Ignitor Lamp Type | a mm | b mm | c mm | ta C | tc C | Ignation Voltage Kv | Timer (minutes) | Quality Certificates |
|----------------------|-----------|---------------------|----------------------|---------|---------|---------|---------|---------|------------------------|--------------------|----------------------|
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 5 | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 10 | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 15 | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 20 | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 5 | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 10 | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 15 | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 20 | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 5 | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 10 | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 15 | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 20 | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 600-1000 | Ignitor | 15 | M5005i | 30 | 90 | 33 | -25+85 | 105 | 4-5 | Düz | TSE/CE/ ENEC |
| 2000-1000 | Ignitor | 15 | M5006i | 30 | 90 | 33 | -25+85 | 105 | 4-5 | Düz | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 5 | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 10 | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 15 | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 20 | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 5 | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 10 | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 15 | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | 20 | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 5 | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 10 | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 15 | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04T | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | 20 | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 35-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 50-70 | Ignitor | 2 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 1,8-2,5 | Düz | TSE/CE/ ENEC |
| 220V/240V, 50Hz/60Hz | | | | | | | | | | | |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |
| 100-400 | Ignitor | 5 | IM 04 | 30 | 90 | 33 | -25+85 | 105 | 3-4,5 | Düz | TSE/CE/ ENEC |

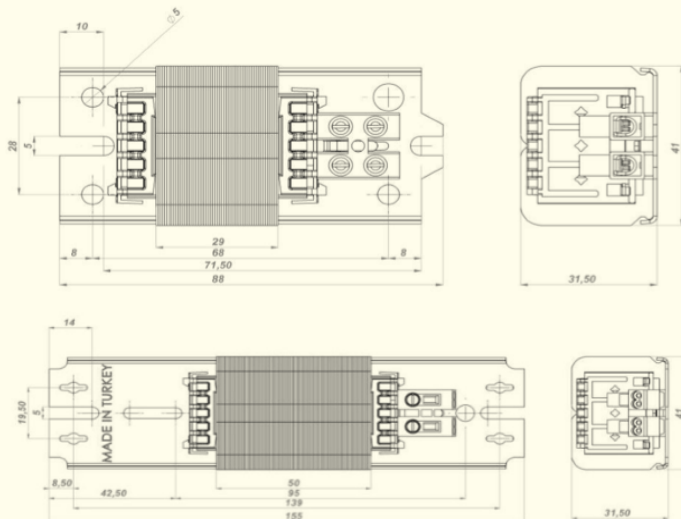
Lamp Type : Sodium and Metal Halide
Box Quantity : 120 Pieces

FLOURESCENT LAMP BALLASTS

STANDART
FLOURESCENT
LAMP
BALLASTS



STANDARD BALLAST DIMENTIONS



STANDARD FLOURESCENT LAMP BALLASTS TECHNICAL SPECIFICATIONS

| Lamp Power W | Lamp Type | Current A | Ballast Lamp Type | Cos φ | Figure | a mm | b mm | c mm | d mm | e mm | Weight kg | Dt C | Thermal Protection | Capacitor μF | Quantity in a Box | Quality Certificates |
|--------------|-------------|-----------|-------------------|---------------|--------|------|------|------|------|------|-----------|------|--------------------|-------------------|-------------------|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | | | | |
| 15 | Flourescent | 0,310 | IFB15 | 0,22 | 4 | 155 | 124 | 50 | 31 | 40 | 0,450 | 65 | No | Yok | 20 | TSE/CE |
| 20 | Flourescent | 0,370 | IFB20 | 0,26 | 4 | 155 | 124 | 50 | 31 | 40 | 0,455 | 65 | No | Yok | 20 | TSE/CE |
| 26 | Flourescent | 0,310 | IFB26 | 0,41 | 4 | 155 | 124 | 50 | 31 | 40 | 0,460 | 65 | No | Yok | 20 | TSE/CE |
| 32 | Flourescent | 0,450 | IFB32 | 0,33 | 4 | 155 | 124 | 50 | 31 | 40 | 0,464 | 65 | No | Yok | 20 | TSE/CE |
| 40 | Flourescent | 0,430 | IFB40 | 0,43 | 4 | 155 | 124 | 50 | 31 | 40 | 0,480 | 65 | No | Yok | 20 | TSE/CE |
| 58 | Flourescent | 0,670 | IFB58 | 0,40 | 4 | 155 | 124 | 80 | 31 | 40 | 0,774 | 65 | No | Yok | 20 | CE |
| 230V, 50Hz | | | | | | | | | | | | | | | | |
| 15 | Flourescent | 0,310 | IFB15 | 0,21 | 4 | 155 | 124 | 50 | 31 | 40 | 0,453 | 65 | No | Yok | 20 | TSE/CE |
| 20 | Flourescent | 0,370 | IFB20 | 0,24 | 4 | 155 | 124 | 50 | 31 | 40 | 0,458 | 65 | No | Yok | 20 | TSE/CE |
| 26 | Flourescent | 0,310 | IFB26 | 0,37 | 4 | 155 | 124 | 50 | 31 | 40 | 0,465 | 65 | No | Yok | 20 | TSE/CE |
| 32 | Flourescent | 0,450 | IFB32 | 0,31 | 4 | 155 | 124 | 50 | 31 | 40 | 0,470 | 65 | No | Yok | 20 | TSE/CE |
| 40 | Flourescent | 0,430 | IFB40 | 0,41 | 4 | 155 | 124 | 50 | 31 | 40 | 0,485 | 65 | No | Yok | 20 | TSE/CE |
| 58 | Flourescent | 0,670 | IFB58 | 0,38 | 4 | 155 | 124 | 80 | 31 | 40 | 0,780 | 65 | No | Yok | 20 | CE |

STANDARD FLOURESCENT LAMP BALLASTS TECHNICAL SPECIFICATIONS

Terminal Blocks: 1,5 - 2,5 mm² / tw 130 C / Protection Class 1 / TS EN 60923, TS EN 61347

| Lamp Power W | Lamp Type | Current A | Ballast Lamp Type | Cos φ | Figure | a mm | b mm | c mm | d mm | e mm | Weight kg | Dt C | Thermal Protection | Capacitor μF | Quantity in a Box | Quality Certificates |
|--------------|-----------|-----------|-------------------|---------------|--------|------|------|------|------|------|-----------|------|--------------------|-------------------|-------------------|----------------------|
| 220V, 50Hz | | | | | | | | | | | | | | | | |
| 7 | Compact | 0,170 | IFB7 | 0,19 | 5 | 82 | 68 | 28 | 31 | 40 | 0,283 | 65 | No | Yok | 46 | TSE/CE |
| 9 | Compact | 0,165 | IFB9 | 0,26 | 5 | 82 | 68 | 28 | 31 | 40 | 0,287 | 65 | No | Yok | 46 | TSE/CE |
| 11 | Compact | 0,155 | IFB11 | 0,33 | 5 | 82 | 68 | 28 | 31 | 40 | 0,289 | 65 | No | Yok | 46 | TSE/CE |
| 18 | Compact | 0,220 | IFB18 | 0,38 | 5 | 82 | 68 | 28 | 31 | 40 | 0,290 | 65 | No | Yok | 46 | TSE/CE |
| 230V, 50Hz | | | | | | | | | | | | | | | | |
| 7 | Compact | 0,170 | IFB7 | 0,19 | 5 | 82 | 68 | 28 | 31 | 40 | 0,285 | 65 | No | Yok | 46 | TSE/CE |
| 9 | Compact | 0,165 | IFB9 | 0,29 | 5 | 82 | 68 | 28 | 31 | 40 | 0,290 | 65 | No | Yok | 46 | TSE/CE |
| 11 | Compact | 0,155 | IFB11 | 0,31 | 5 | 82 | 68 | 28 | 31 | 40 | 0,293 | 65 | No | Yok | 46 | TSE/CE |
| 18 | Compact | 0,220 | IFB18 | 0,36 | 5 | 82 | 68 | 28 | 31 | 40 | 0,295 | 65 | No | Yok | 46 | TSE/CE |

STANDARD COMPACT BALLASTS TECHNICAL SPECIFICATIONS

Terminal Blocks: 1,5 - 2,5 mm² / tw 130 C / Protection Class 1 / TS EN 60923, TS EN 61347

20X30X13 FEATURES



TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

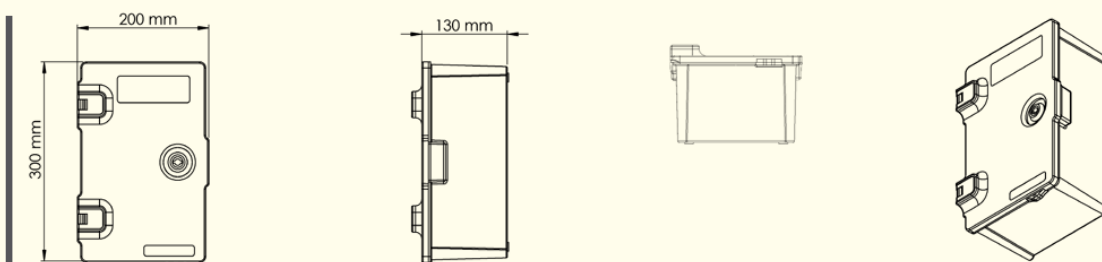


20x30x13 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|----------|-----------|--------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 20x30x13 | PAN | PAN 20X30X13 | 200 | 300 | 130 | Polymer / GRP, IK 08 | IK10 | 3,00 | 65 | 6 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65



22X33X17 FEATURES



TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

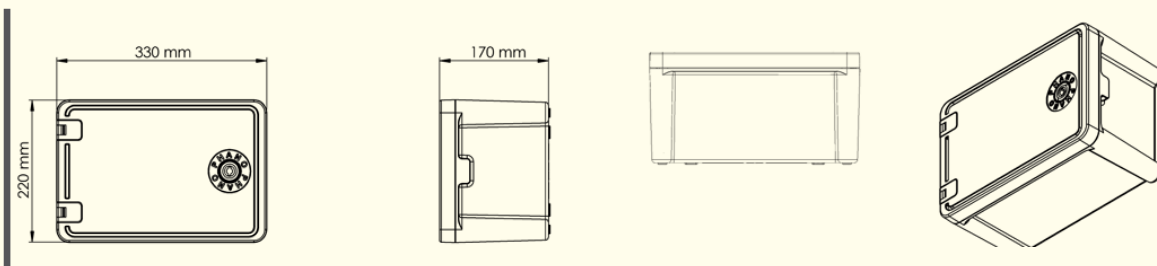
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

22x33x17 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|----------|-----------|--------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 22x33x17 | PAN | PAN 22X33X17 | 220 | 330 | 170 | Polymer / GRP, IK 08 | IK10 | 3,50 | 65 | 6 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65



25X30X10 FEATURES



TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

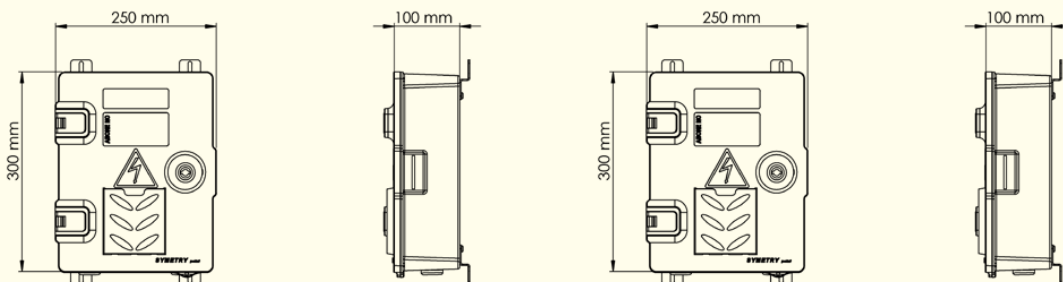
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

25x30x10 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|----------|-----------|--------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 25x30x10 | PAN | PAN 25X30X10 | 250 | 300 | 100 | Polymer / GRP, IK 08 | IK10 | 3,50 | 65 | 4 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



25X30X17 FEATURES

TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

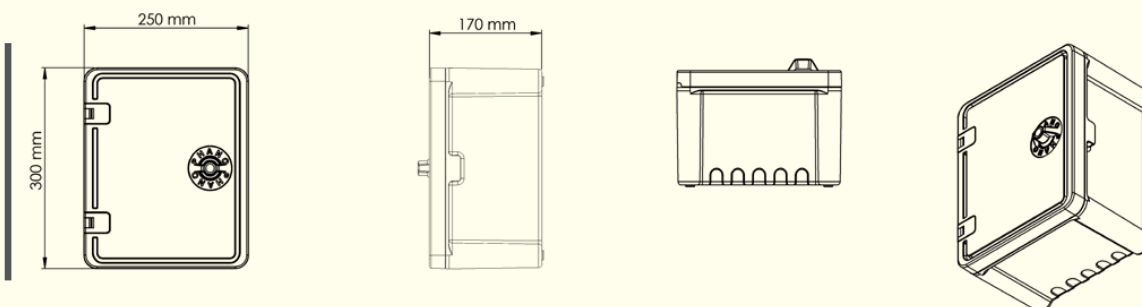


25x30x17 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|------------|-----------|----------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 25x30x17 | PAN | PAN 25X30X17 | 250 | 300 | 170 | Polymer / GRP, IK 08 | IK10 | 3,53 | 65 | 4 |
| 25x30x17-1 | PAN | PAN 25X30X17-1 | 250 | 300 | 170 | Polymer / GRP, IK 08 | IK10 | 4,00 | 65 | 4 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65



30X40X17 FEATURES



TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

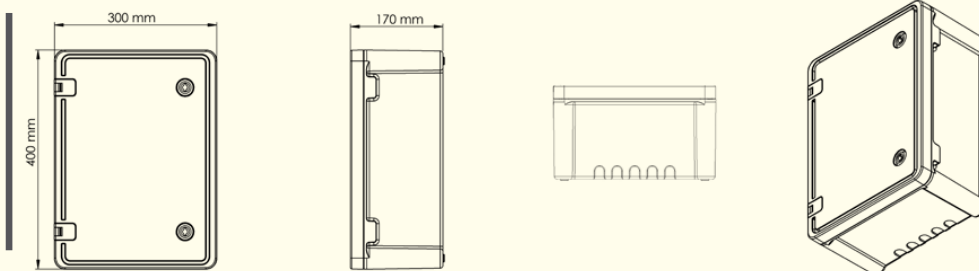
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

30x40x17 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|------------|-----|----------------|-----|-----|-----|----------------------|--------|--------|----|-----|
| 30x40x17 | PAN | PAN 30X40X17 | 300 | 400 | 170 | Polymer / GRP, IK 08 | IK10 | 5,00 | 65 | 4 |
| 30x40x17-1 | PAN | PAN 30X40X17-1 | 300 | 400 | 170 | Polymer / GRP, IK 08 | IK10 | 5,50 | 65 | 4 |
| 30x40x17-2 | PAN | PAN 30X40X17-2 | 300 | 400 | 170 | Polymer / GRP, IK 08 | IK10 | 6,00 | 65 | 4 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS





35X50X17 FEATURES

TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

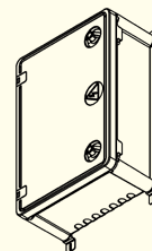
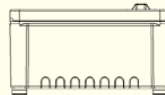
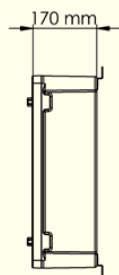
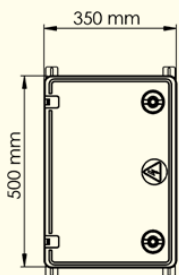
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

35x50x17 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|------------|-----------|----------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 35x50x17 | PAN | PAN 35X50X17 | 350 | 500 | 170 | Polymer / GRP, IK 08 | IK10 | 6,50 | 65 | 2 |
| 35x50x17-1 | PAN | PAN 35X50X17-1 | 350 | 500 | 170 | Polymer / GRP, IK 08 | IK10 | 6,50 | 65 | 2 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65





40X60X20 FEATURES

TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

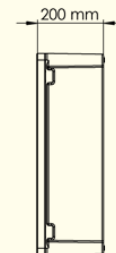
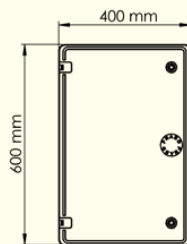
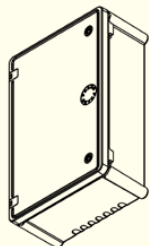
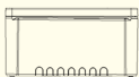
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

40x60x20 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|------------|-----------|----------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 40x60x20 | PAN | PAN 40X60X20 | 400 | 600 | 200 | Polymer / GRP, IK 08 | IK10 | 8,50 | 65 | 1 |
| 40x60x20-1 | PAN | PAN 40X60X20-1 | 400 | 600 | 200 | Polymer / GRP, IK 08 | IK10 | 9,00 | 65 | 1 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65



50X70X22 FEATURES



TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

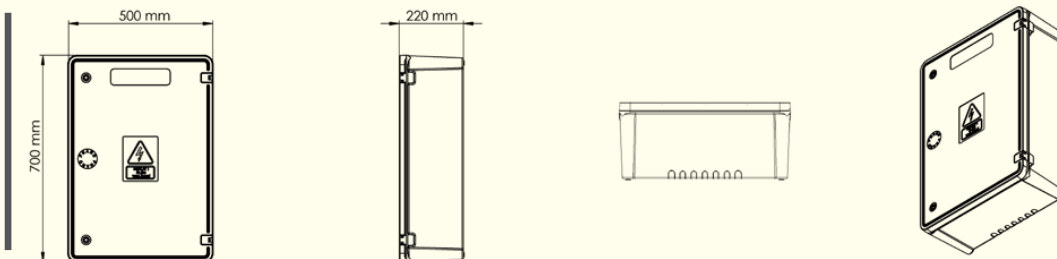
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

50x70x22 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|----------|-----------|--------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 50x70x22 | PAN | PAN 50X70X22 | 500 | 700 | 220 | Polymer / GRP, IK 08 | IK10 | 17,50 | 65 | 1 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65





60X80X22 FEATURES

TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

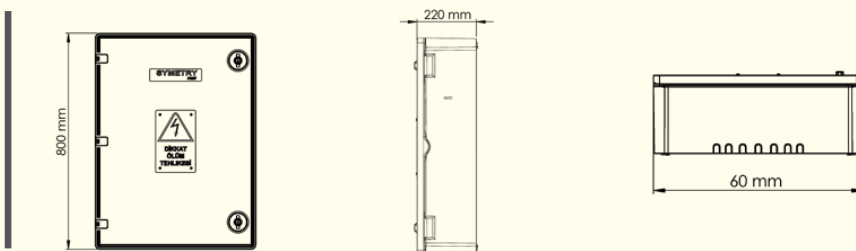
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

60x80x22 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|----------|-----------|--------------|-----|-----|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 60x80x22 | PAN | PAN 60X80X22 | 600 | 800 | 220 | Polymer / GRP, IK 08 | IK10 | 18,00 | 65 | 1 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



75X100X35 FEATURES



TECHNICAL SPECIFICATIONS

- Raw Material : Glass Reinforced Polyester
- Quality Standart : EN 61439, EN60670-1, EN62208
- Colour : RAL 7035
- Hinge : 2 Pieces
- Lock Options : Optional
- Protection Class : IP 65
- Fire Resistance : B2/E (Can change to A1, A2, B1, VO)
- UC Resistance : Yes
- Humidity Resistance : Yes
- Chemical Resistance : Full Protection Against Acid and Base
- Corrosion Resistance : High Resistance Against Adverse Weather Conditions
- Gasket : Silicone
- Grounding Class : Class II

APPLICATIONS

- Transformer Load Boards
- Compensation Boards
- Distribution Boards
- Network Generator
- Transfer Applications
- Automation Panels
- Control Panels
- Lighting Panels
- OSOS Panels
- Electricity Meter Panels

COMMON SPECIFICATIONS

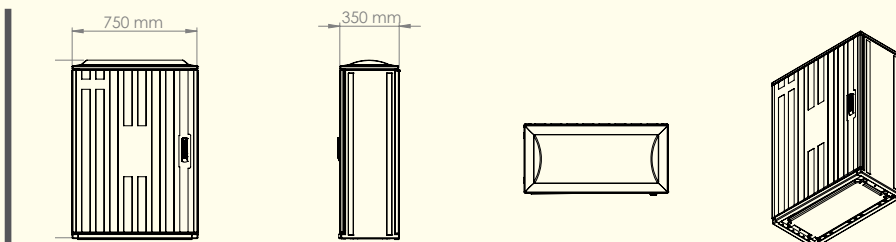
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

75x100x35 TECHNICAL FEATURES

| Board | | Board | a | b | c | Body | Impact | Weight | Ip | Box |
|-----------|-----------|---------------|-----|------|-----|----------------------|------------|--------|----|----------|
| Name | Lamp Type | Lamp Type | mm | mm | mm | | Resistance | kg | | Quantity |
| 75x100x35 | PAN | PAN 75X100X35 | 750 | 1000 | 350 | Polymer / GRP, IK 08 | IK10 | 35,0 | 65 | 1 |

TS EN 60671-1 Ral Code 7035

DIMENSIONS



IP65



STREET LIGHTING POLES



SMART LIGHTING POLES

PRODUCT CODE:

Product Definition:

The Lighting Poles are designed in R&D Department of Symetry Point having high electrical, electronics and mechanics experiences for years.

Benefits:

- Adjustable luminaire and pole height
- Using in decorative projects
- Easy accessory installation using two screws

Applications:

- Park- Garden Lighting
- Architectural Lighting
- Street Lighting
- Port lighting

Accessories:

- IP Camera
- Top Decorative Light Accessory (Red, green, blue, amber and white LED)
- Pole Banner Accessory
- Flowerpot
- Bottom Flange
- Fuse Box
- Luminaire Console



FEATURES

➤ Body: Aluminum ➤ Print: Anodic



EN 60598-2-1





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f Grup-İmaj-Aydınlatma-San-Tic-Aş

t Grupimajj

