



INDEX



TURTLE SERIES 2-3



WOLF SERIES 4-5



FOX SERIES 6-7



FLOODLIGHT WOLF SERIES 8-9



LED BILLBOARD LIGHT WOLF SERIES 10-11



HAWK SERIES 12-13



LED FLOODLIGHT SERIES 14-15



WALL WASHER SERIES 16-17



TS RETROFIT LED SERIES 18-19



NS RETROFIT LED SERIES 22-23



NS SERIES 24-25



TSMAX SERIES 26-27



TPMAX SERIES 28-29



TS SERIES 30-31



TP SERIES 32-33



TSO SERIES 34-35



TPO SERIES 36-37



TPY SERIES 38-39



TSY SERIES 40-41



CS SERIES 42-43



CP SERIES 44-45



CSY SERIES 46-47



CPY SERIES 48-49



MS SERIES 50-51



MP SERIES 52-53



HP SERIES 54-55



AS SERIES 56-57



PS SERIES 58-59



PSY SERIES 62-63



HID Ballasts 64-65



Standard IGNITORS 66-67



Standard Fluorescent Ballasts 68



Board (20X30X13) 69



Board (22X33X17) 70



Board (25X30X10) 71



Board (25X30X17) 72



Board (30X40X17) 73



Board (35X50X17) 74



Board (40X60X20) 75



Board (50X70X22) 76



Board (60X80X22) 77



Board (75X100X35) 78



Smart Lighting Poles 79-82



Waterproof Lighting 83-84

*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

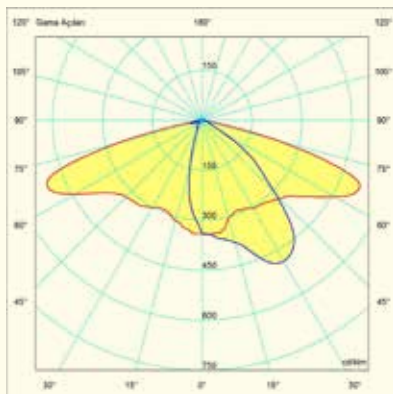




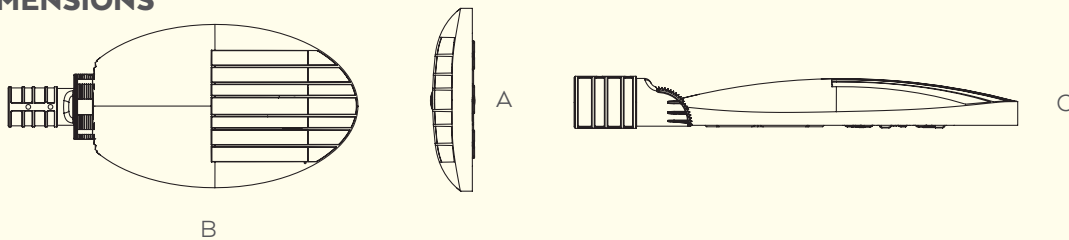
TURTLE ROAD LIGHTING LUMINAIRES

	350mA		530mA		700mA		1050mA		Color Temperature	CRI
	LED MODULE	LUMINAIRE	LED MODULE	LUMINAIRE	LED MODULE	LUMINAIRE	LED MODULE	LUMINAIRE	3000 K 4000 K 5000 K 5700 K 6500 K	CRI > 70
12LED	10 W	1845 lm	11 W	1715 lm	17 W	3060 lm	19 W	2845 lm		
24LED	20 W	3690 lm	22 W	3430 lm	34 W	6120 lm	38 W	5690 lm		
36LED	30 W	5535 lm	33 W	5145 lm	51 W	9180 lm	57 W	8535 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

WOLF SERIES



APPLICATIONS

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

FEATURES

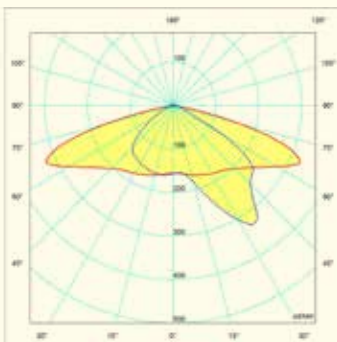
- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with EN 60598-1
- Made in Turkey / Entirely domestic manufacturing except for Led and drivers



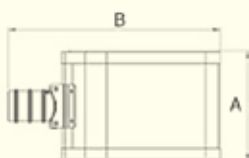


WOLF LED ROAD LIGHTING LUMINAIRE

	350mA				530mA				700mA				1050mA				Color Temperature	CRI
	LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		3000 K 4000 K 5000 K 6000 K 6500 K	CRI > 70
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		
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			



DIMENSIONS



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

LED STREET LIGHTING

LUMINAIRE

FOX

SERIES



APPLICATIONSS

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

FEATURES

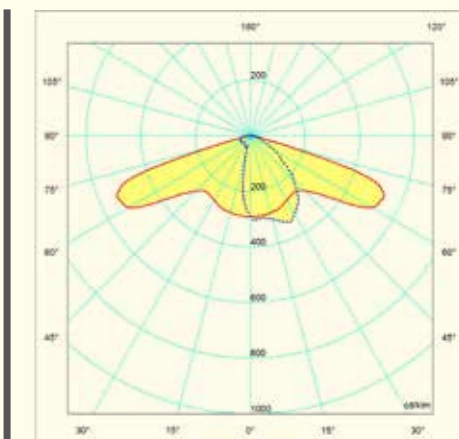
- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP66 rating
- Manufacturing complying with TS EN 60598-1
- Entirely domestic manufacturing except for Led and drivers



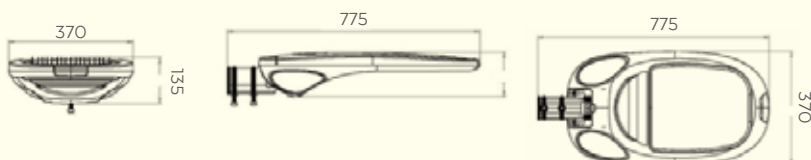


FOX LED ROAD LIGHTING LUMINAIRE

	350mA				530mA				700mA				1050mA				Color Temperature	CRI
	LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		3000 K 4000 K 5000 K 6000 K 6500 K	CRI > 70
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		
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

WOLF
SERIES



APPLICATIONS

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

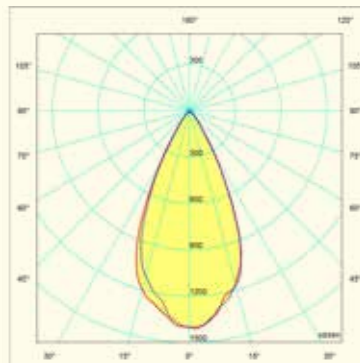
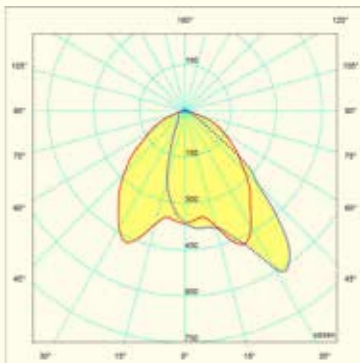
FEATURES

- 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



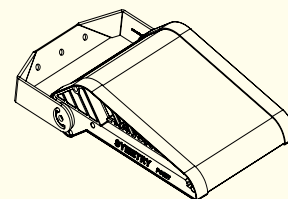
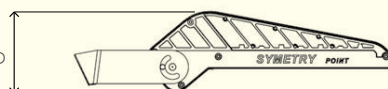
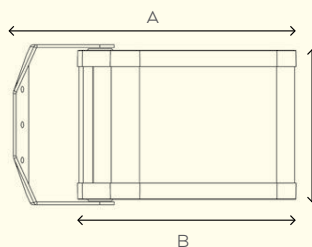
WOLF LED FLOODLIGHT

	350mA				530mA				700mA				1050mA				Color Temperature	CRI
	LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		3000 K 4000 K 5000 K 6000 K 6500 K	CRI > 70
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		
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			



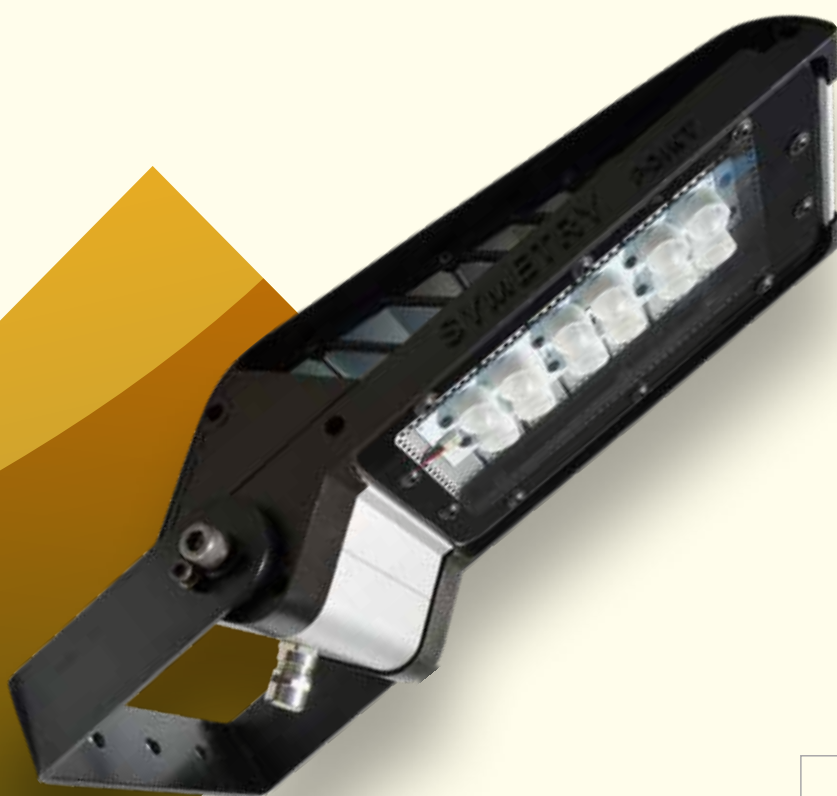
Model No	A (mm)	B (mm)	C (mm)	D (mm)
WOLF - 1	460	375	165	120
WOLF - 2	460	375	255	120
WOLF - 3	460	375	305	120
WOLF - 4	460	375	405	120
WOLF - 5	460	375	505	120

DIMENSIONS



LED BILLBOARD LIGHTING

WOLF
SERIES



APPLICATIONS

- Billboard
- Banner
- Wall Washer
- Architectural

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
- High light and energy efficiency



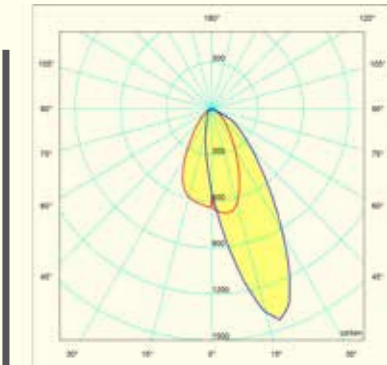
WOLF LED BILLBOARD ROAD LIGHTING LUMINAIRE

	350mA				530mA				700mA				1050mA				Color Temperature	CRI
	LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		LED MODULE		LUMINAIRE		3000 K 4000 K 5000 K 6000 K 6500 K	CRI > 70
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		
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			

BEFORE

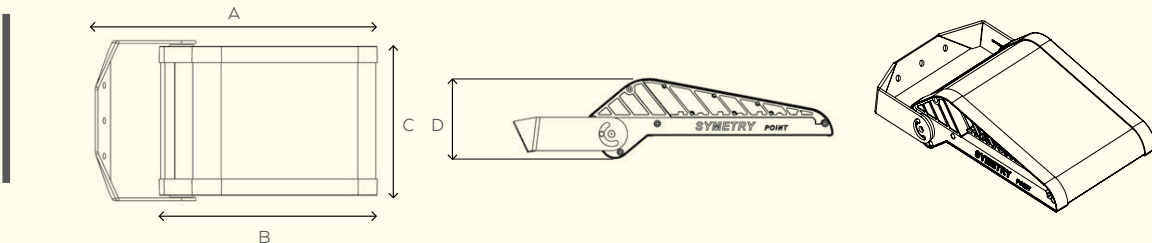


AFTER



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

DIMENSIONS



LED STREET LIGHTING

LUMINAIRE

HAWK
SERIES



APPLICATIONS

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

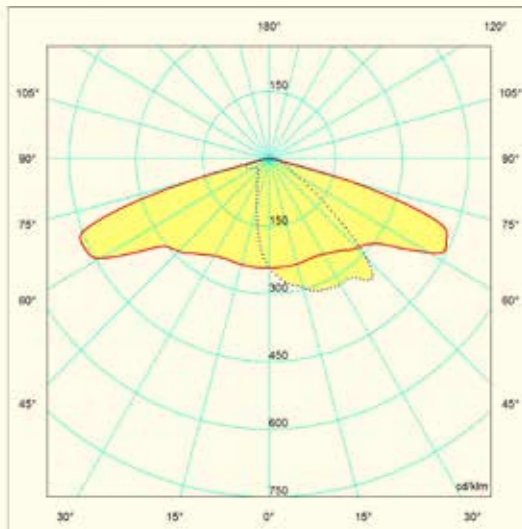
FEATURES

- Road lighting complying with relevant standards and glare regulations
- Long life due to thermal design cooling block
- IP67 rating
- Manufacturing complying with TS EN 60598-1
- Entirely domestic manufacturing except for Led and drivers

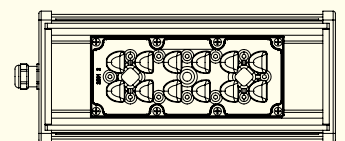
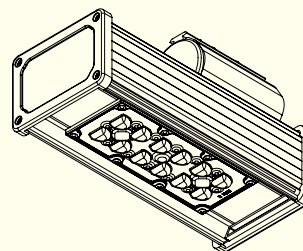
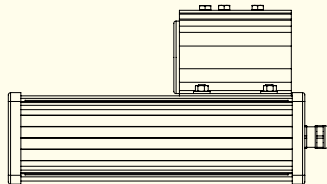
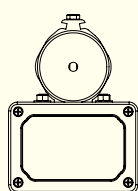


HAWK LED ROAD LIGHTING LUMINAIRE

				Color Temperature	CRI
	POWER		Lumious Flux (LM)		CRI > 70
	Min.	Max.	Min.	Max.	
12 LED	30W	40W	3600	4400	
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	
				3000K- 4000K- 5000K- 6000K- 6500K-	



DIMENSIONS



LED FLOODLIGHT

HAWK
SERIES



APPLICATIONS

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

FEATURES

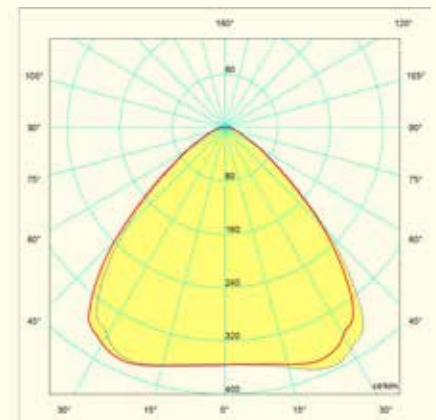
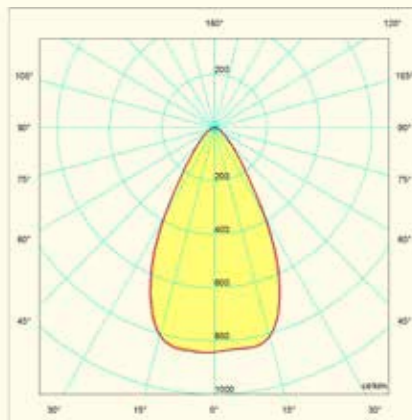
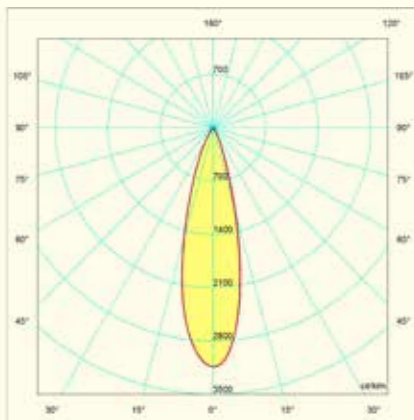
- Entirely domestic manufacturing except for Led and drivers
- Long life due to thermal design cooling block
- IP67 rating
- Manufacturing complying with TS EN 60598-2-5



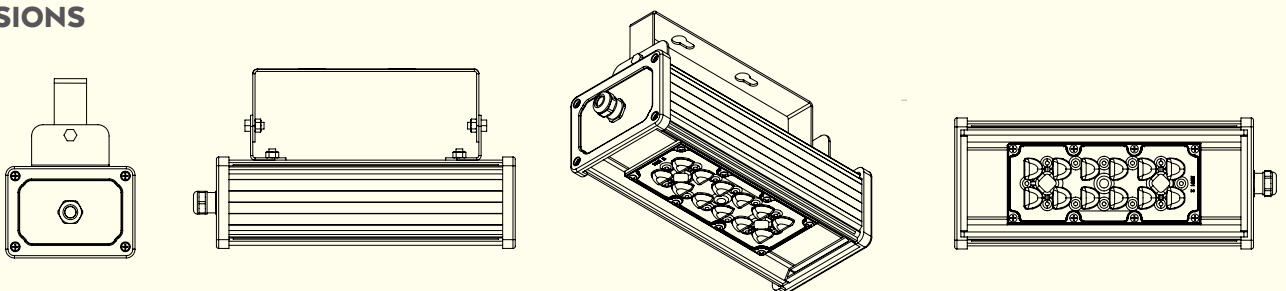
HAWK LED FLOODLIGHT

				Color Temperature	CRI
	POWER		Lumious Flux (LM)		
	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	

LIGHT DISTRIBUTION CURVES



DIMENSIONS



WALL WASHER

WALL
WASHER

SERIES



APPLICATIONS

- Architectural Lighting
- Building Exterior Lighting
- Outdoor Wide Area Illumination
- Bridge Floodlight
- Large-Scale Illumination

FEATURES

- High cooling performance
- Resistant to atmospheric conditions
- High energy efficiency
- IP66 protection class

IP66

✓ **ISO 9001**
LL-C (Certification)

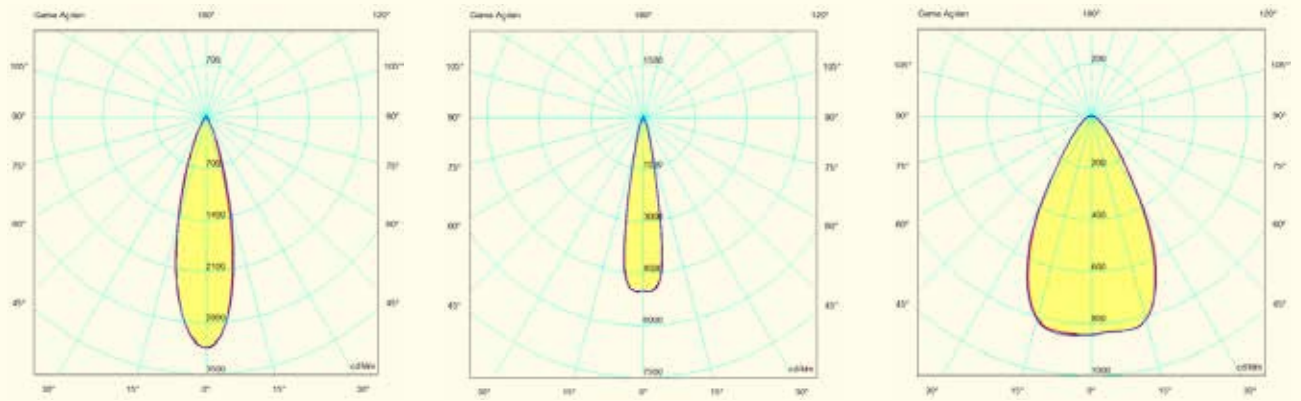
✓ **ISO 14001**
LL-C (Certification)

✓ **OHSAS 18001**
LL-C (Certification)

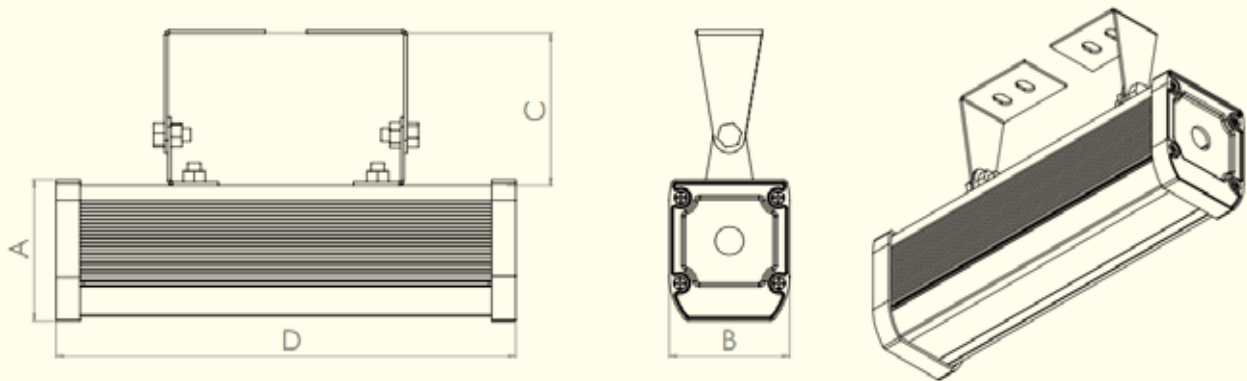
WALL WASHER

			Color Temperature	CRI
	POWER		3000K- 4000K- 5000K- 6000K- 6500K- Red Blue Green Amber RGB	CRI > 70
	Min.	Max.		
12 LED	10W	30W		
24 LED	40W	60W		
36 LED	70W	90W		

LIGHT DISTRIBUTION CURVES



DIMENSIONS



Kod	A (mm)	B (mm)	C (mm)	D (mm)
WW - 30 W	64,50	55	70	330
WW - 60 W	64,50	55	70	630
WW - 90 W	64,50	55	70	930

LED RETROFIT

STREET LIGHTING LUMINARIE

TSLED
SERIES



APPLICATIONS

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

FEATURES

- Open from top
- Removable Driver Kit
- Low Maintenance Cost
- Tool Free Opening
- IP65 rating

IP65

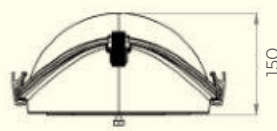
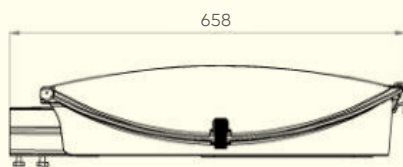
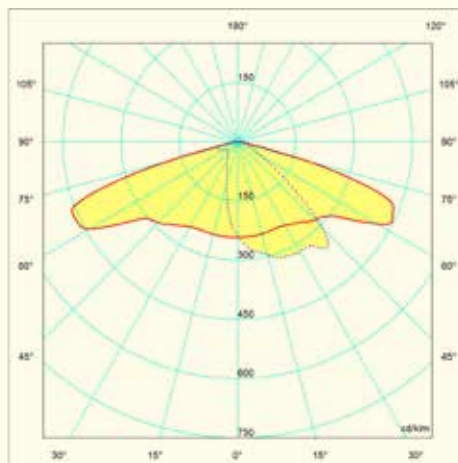


TS LED ROAD LIGHTING LUMINAIRE

					Color Temperature	CRI
	POWER		Lumious Flux (LM)		3000K- 4000K- 5000K- 6000K- 6500K-	CRI > 70
	Min.	Max.	Min.	Max.		
12 LED	30W	40W	3600	4400		

Seal Type : Monolithic Dustproof Resistant To Heat
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 - 1
 Body Type : Polymer / GRP, IK 08 - GRP, IK08
 Box Dimension : 790mmx385mmx290mm

LIGHT DISTRIBUTION CURVES



LED RETROFIT

STREET LIGHTING LUMINARIE

NS
SERIES



APPLICATIONS

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

FEATURES

- Open from top
- Removable Driver Kit
- Low Maintenance Cost
- Tool Free Opening
- IP66 rating
- Long life due to well designed cooling system



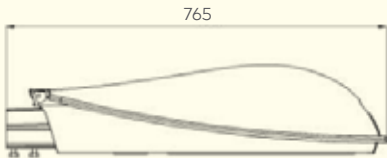
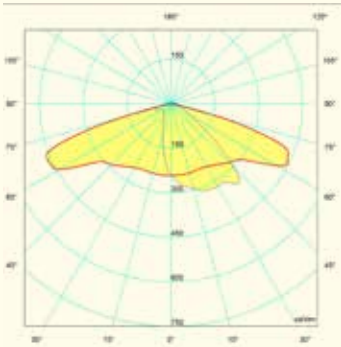
NS LED ROAD LIGHTING LUMINAIRE

					Color Temperature	CRI
	POWER		Lumious Flux (LM)		3000K-	CRI > 70
	Min.	Max.	Min.	Max.	4000K-	
12 LED	30W	40W	3600	4400	5000K-	
24 LED	60W	80W	7200	8800	6000K-	
36 LED	90W	120W	10800	13200	6500K-	

Seal Type : Resistant To Heat Silicon
Diffuser : Tempered Flat Glass
Power Factor : 0,95 - 1
Body Type : Aluminium Die Cast, IK 09
Box Dimension : 775mmx415mmx185mm

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

LIGHT DISTRUBUTION CURVES



PROJECTS

Halkalı Kağıt 2017



Park Village 2015



*CONVENTIONAL
LIGHTING
LUMINAIRES*

STREET LIGHTING

LUMINAIRE

NS
SERIES



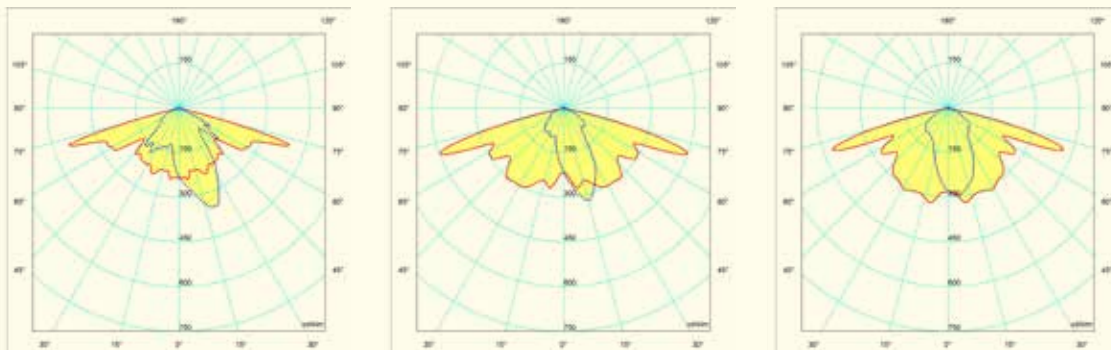
APPLICATIONS

- 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

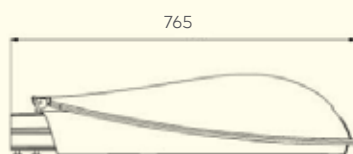




Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consale	Weight kg	Capacitor mf	IP	Quality Certificates
220V - 230V, 50Hz													
			NS E-40	1	765	410	175	E-40	φ42- φ60	9,846			TSE/CE
150	SV	1,80	NS 150	1	765	410	175	E-40	φ42- φ60	11,980	20	66	TSE/CE
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

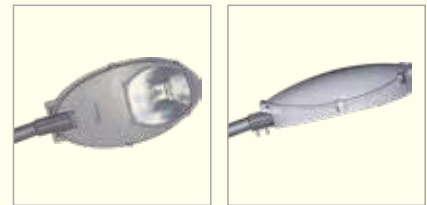


STREET LIGHTING

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

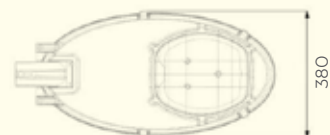
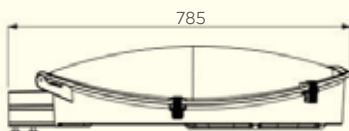
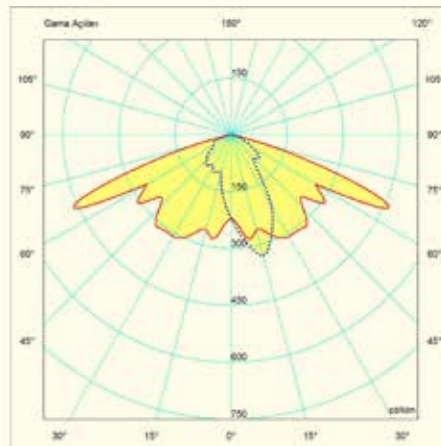
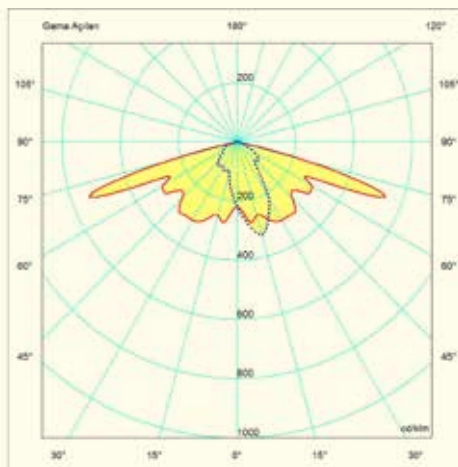


Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consale	Weight kg	Capacitor mf	IP	Quality Certificates
220V, 50Hz													
			TSMAX E-40	1	785	380	185	E-40	φ42- φ60	9,500			TSE/CE
210	SV	2,15	TSMAX 210	1	785	380	185	E-40	φ42- φ60	11,800	20	65	TSE/CE
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 DISTRUBUTION 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

IP65

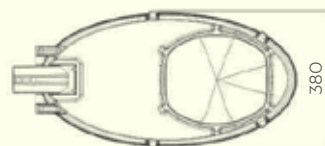
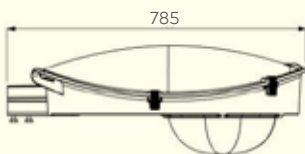
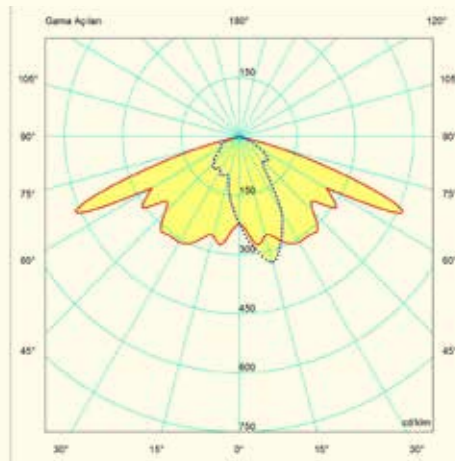
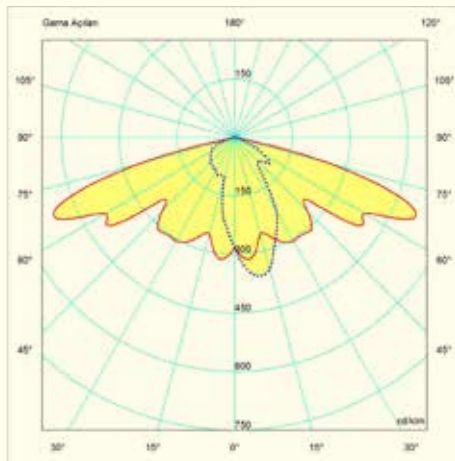


Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consale	Weight kg	Capacitor mf	IP	Quality Certificates
220V, 50Hz													
			TPMAX E-40	1	785	380	278	E-40	φ42- φ60	9,500			TSE/CE
210	SV	2,15	TPMAX 210	1	785	380	278	E-40	φ42- φ60	11,800	20	65	TSE/CE
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 DISTRIBUTION 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

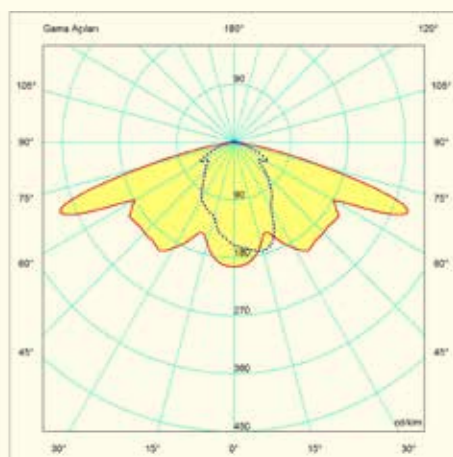
IP65



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

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

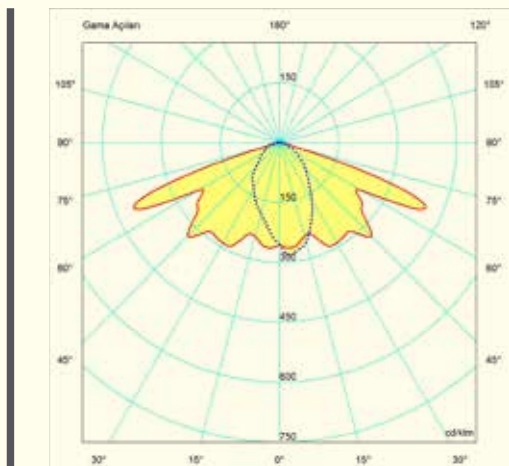


Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consale	Weight kg	Capacitor mf	IP	Quality Certificates
220V, 50Hz													
			TP E-27	2	658	320	200	E-27	φ42- φ60	3,000		65	TSE/CE
			TP E-40	2	658	320	200	E-40	φ42- φ60	3,010		65	TSE/CE
50	SV	0,76	TP 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

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													
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

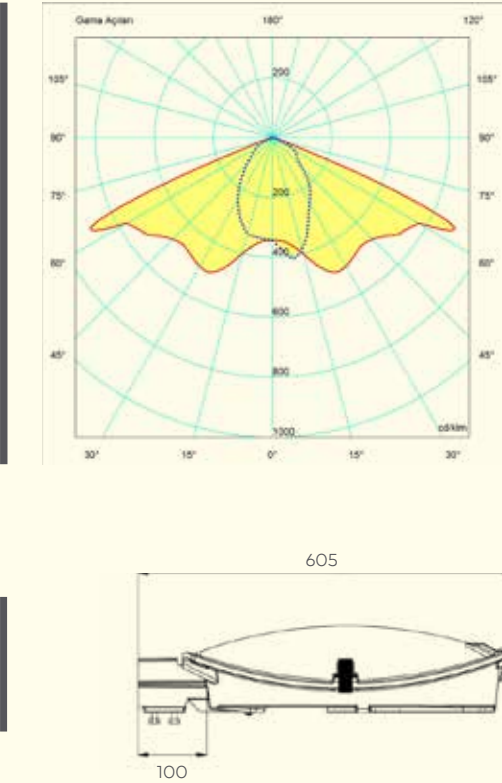
Body Type

: Polymer / GRP, IK 08

Box Dimension

: 615mmx275mmx155mm

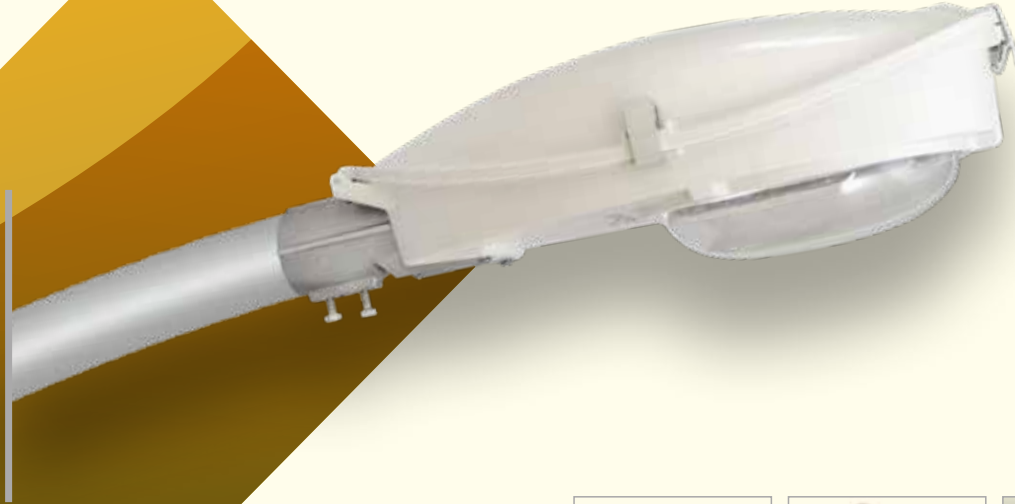
LIGHT DISTRUBUTION CURVES



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

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													
100	SV	1,15	TPO 100	2	605	260	185	E-40	φ42- φ60	6,000	14	65	TSE/CE
230V, 50Hz													
100	SV	1,15	TPO 100	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

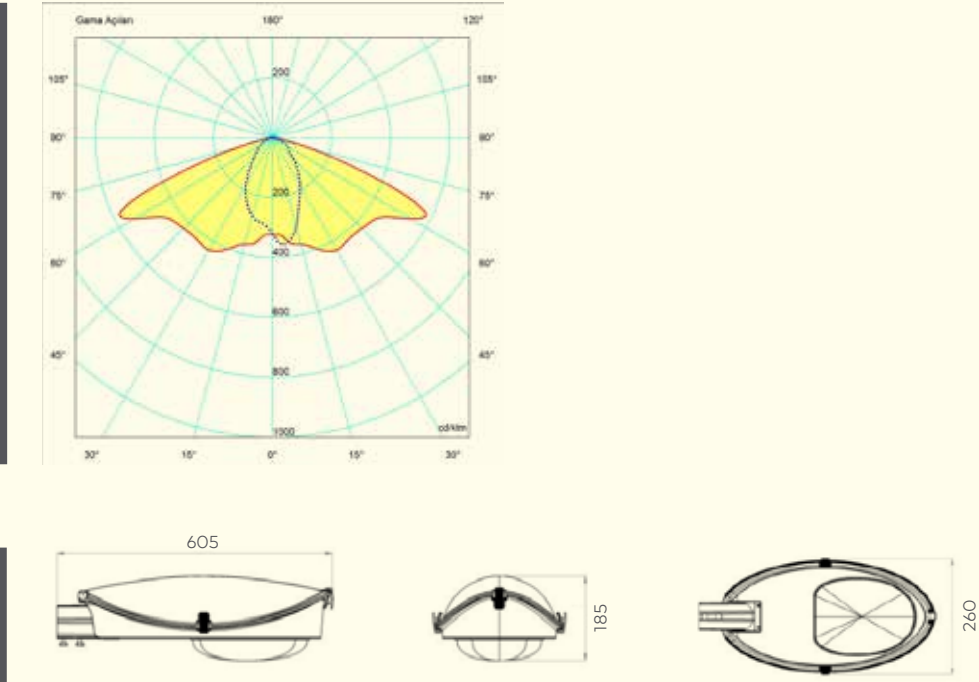
Body Type

: Polymer / GRP, IK 08

Box Dimension

: 615mmx275mmx200mm

LIGHT DISTRUBUTION CURVES

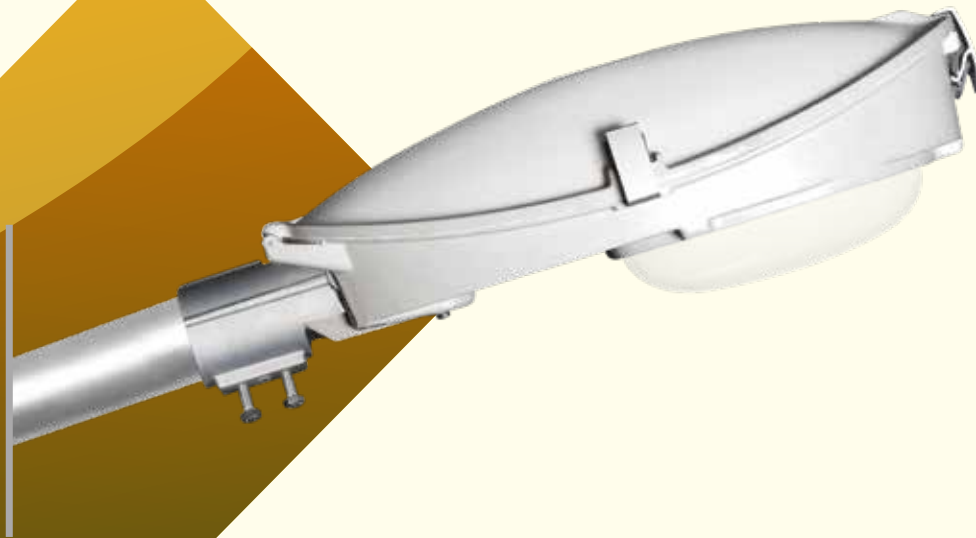


STREET LIGHTING

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

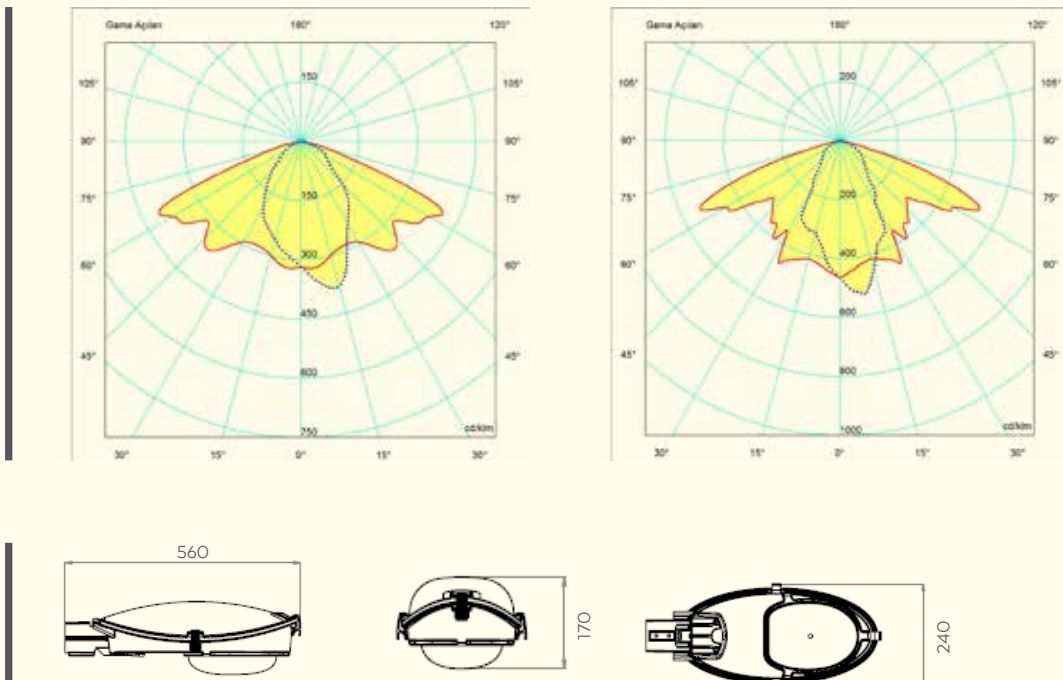
IP65



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

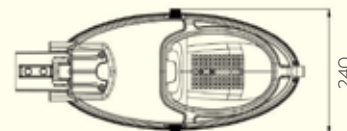
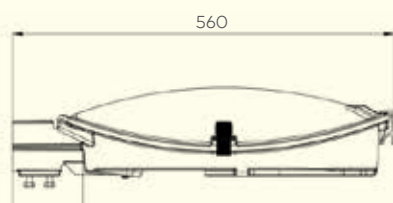
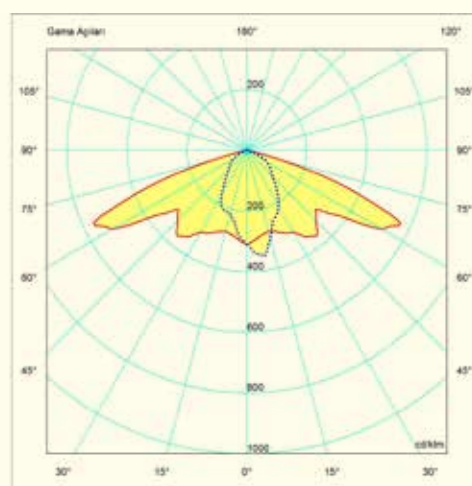
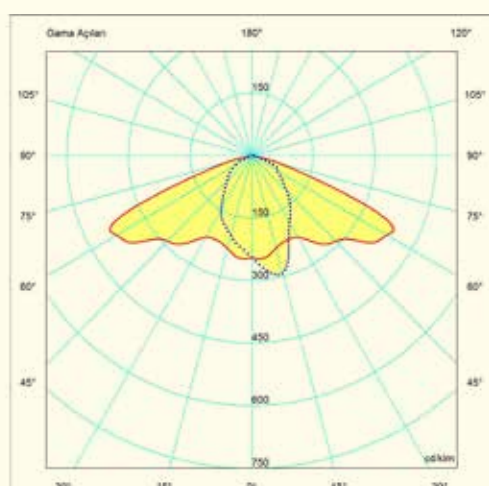
IP65



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 DISTRUBUTION 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



✓ ISO 9001
LL-C (Certification)

✓ ISO 14001
LL-C (Certification)

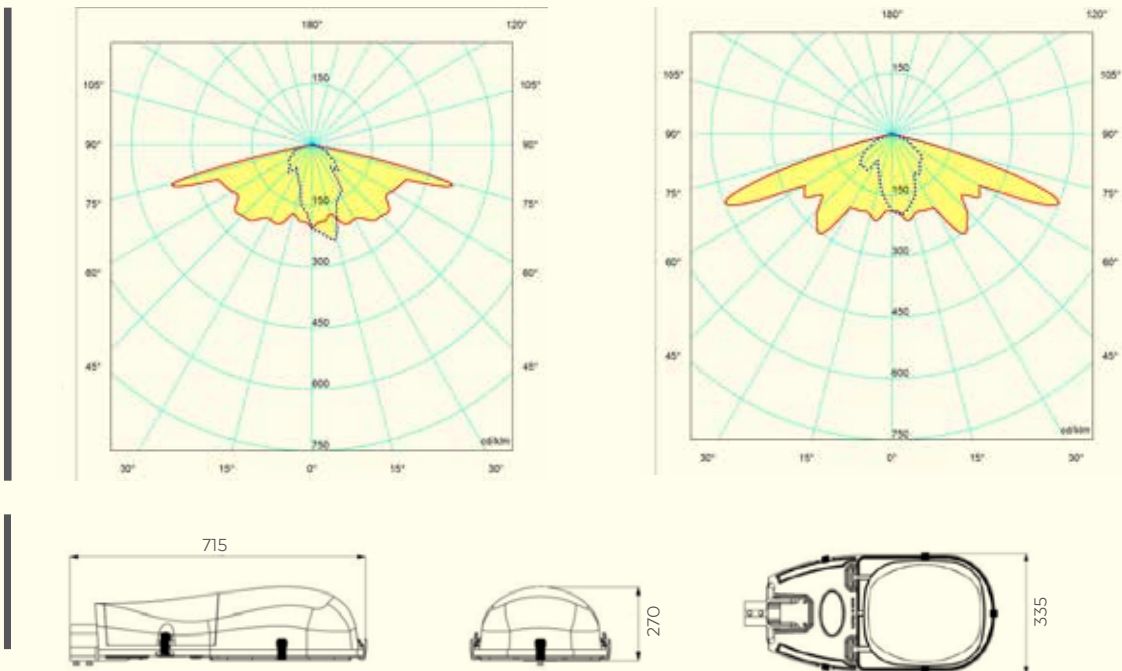
✓ OHSAS 18001
LL-C (Certification)



Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Console	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



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

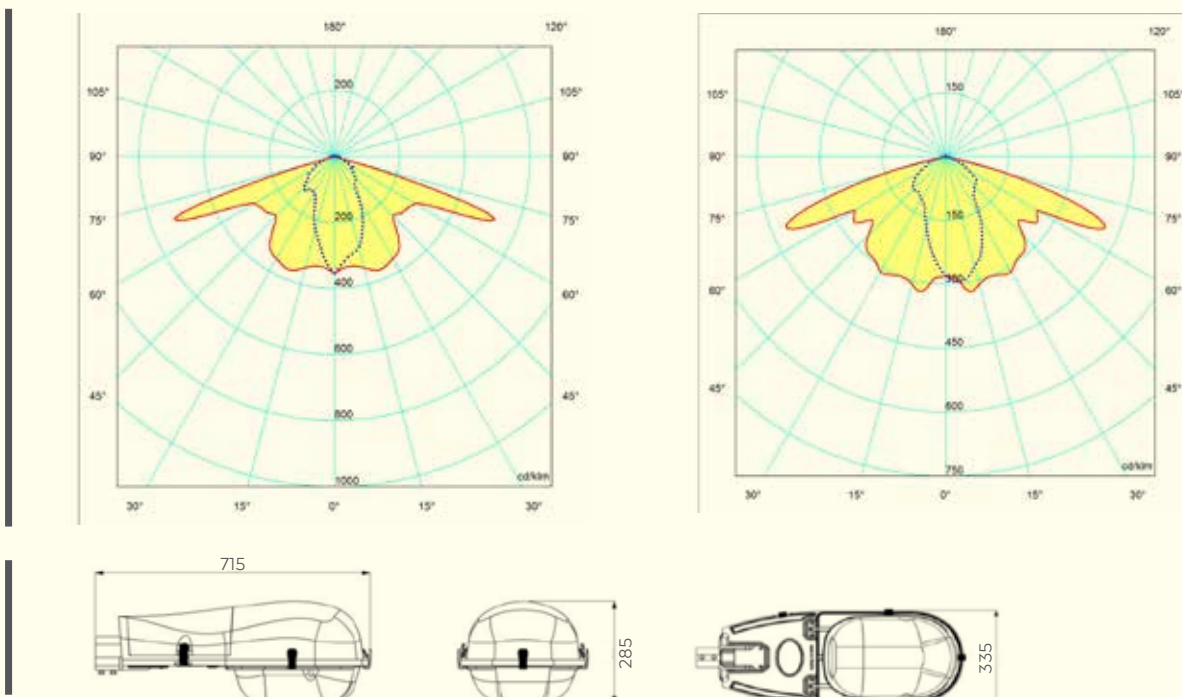




Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consale	Weight kg	Capacitor mf	IP	Quality Certificates
220V - 230V, 50Hz													
			CPE-40	2	715	335	285	E-40	φ42- φ60	7,800			TSE/CE
150	SV	1,80	CP 150	2	715	335	285	E-40	φ42- φ60	9,904	20	65	TSE/CE
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 DISTRUBUTION 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

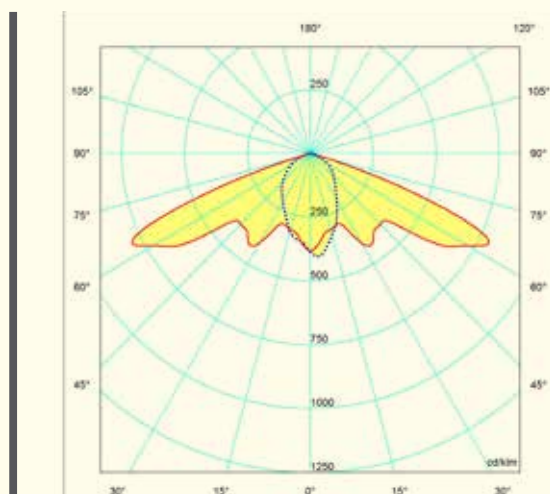
- Ergonomic Body
- Suitable for Led and Energy Saving Lamps
- Open from Bottom
- Tool Free Opening System



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

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 Consaie	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

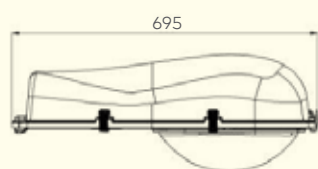
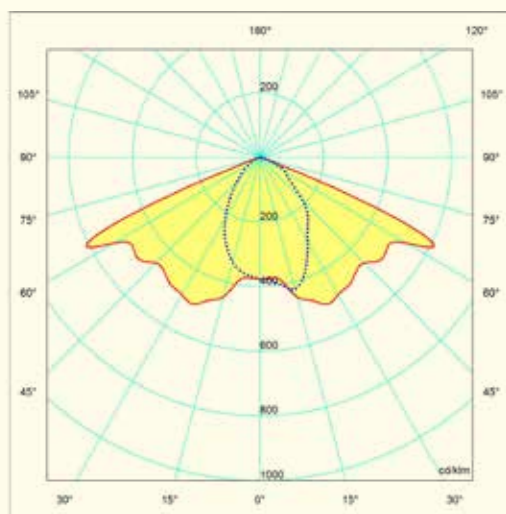
Diffuser : Polycarbon

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)

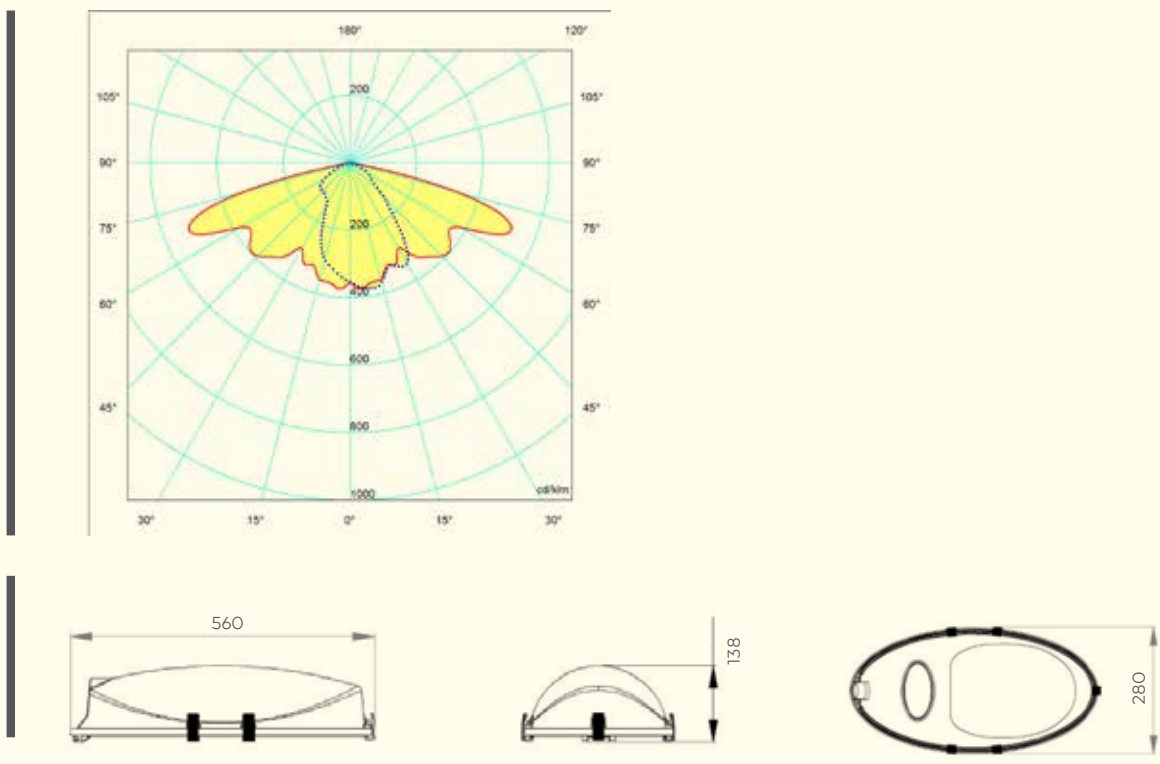
✓ ISO 14001
LL-C (Certification)

✓ 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

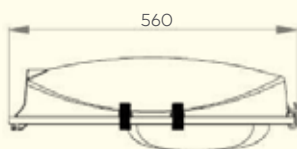
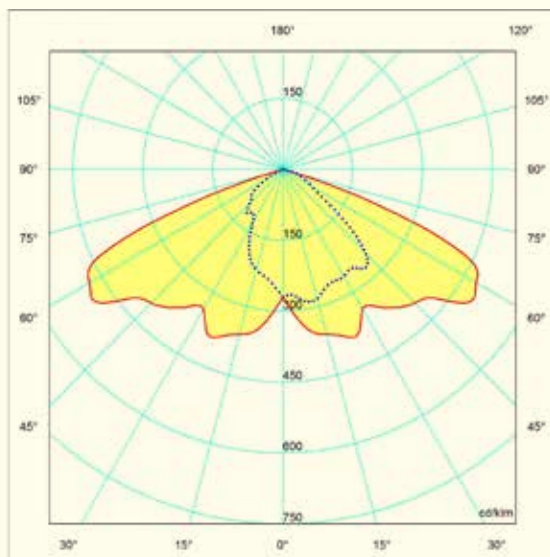


Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consaie	Weight kg	Capacitor mf	IP	Quality Certificates
220V, 50Hz													
			MPE-27	1	560	280	177	E-27	φ42	3,300		65	TSE/CE
			MPE-40	1	560	280	177	E-40	φ42	3,300		65	TSE/CE
50	SV	0,76	MP 50	1	560	280	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

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 : 560mmx280mmx180mm

LIGHT DISTRUBUTION 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

IP65

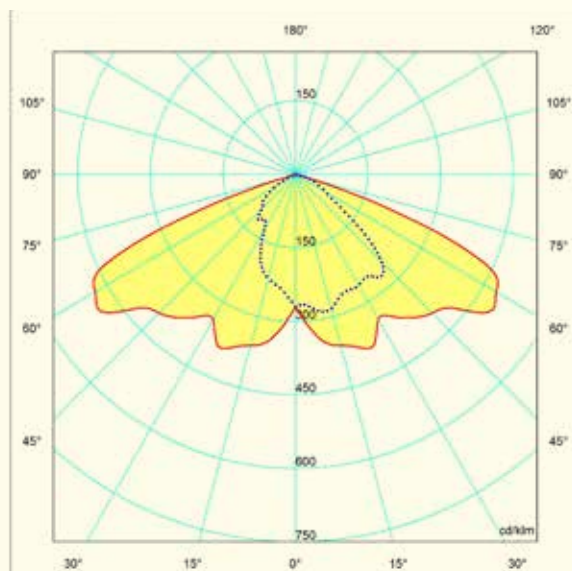


Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Console	Weight kg	Capacitor mf	IP	Quality Certificates
220V, 50Hz													
			HPE E-27	1	560	280	175	E-27	φ42	3,000		65	TSE/CE
			HPE E-40	1	560	280	175	E-40	φ42	3,000		65	TSE/CE
50	SV	0,76	HP 50	1	560	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

Terminal Blocks: 1,5 - 2,5 mm² / Luminaire Class 2 / 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 : 560mmx280mmx180mm

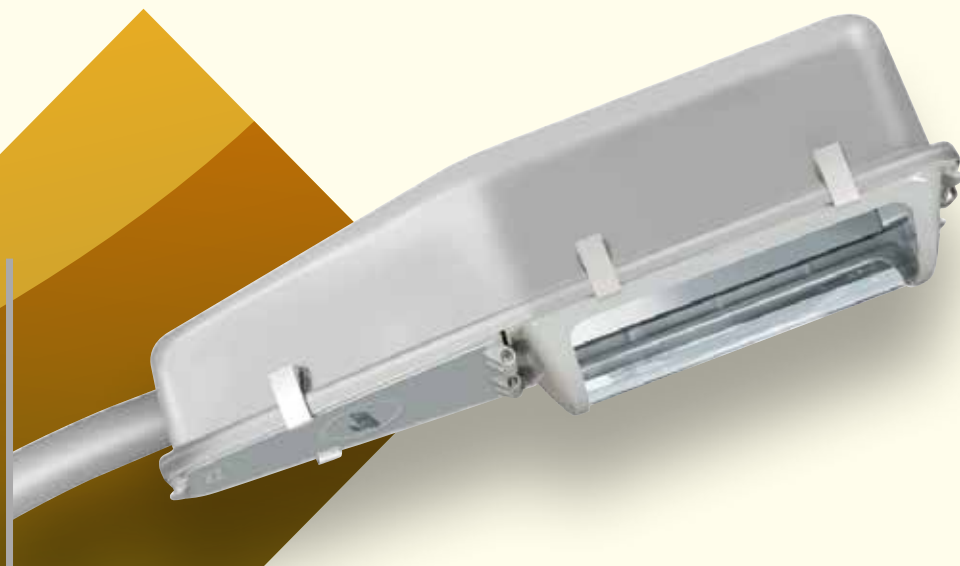
LIGHT DISTRIBUTION CURVES



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

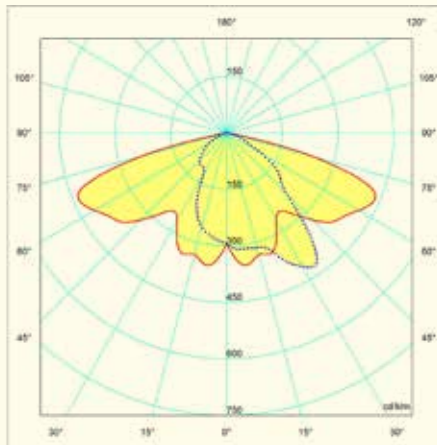




Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consale	Weight kg	Capacitor mf	IP	Quality Certificates
220V - 230V, 50Hz													
			AS E-40	1	690	340	205	E-40	φ42- φ60	5,800		43	CE
210	SV	2,15	AS 210	1	690	340	205	E-40	φ42- φ60	8,000	20	43	CE
250	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 Asymetric Reflector
- Tool Free Opening System

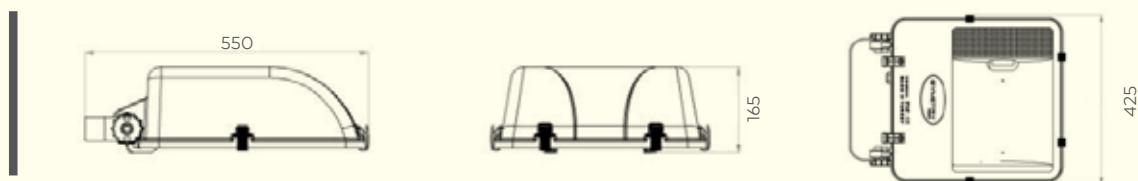
IP65



Power W	Lamp Type	Current A	Luminaire Lamp Type	Figure	a mm	b mm	c mm	Lamp Holder Type	Pole Mount Consigne	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

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



FLOODLIGHTS

PSY
SERIES



APPLICATIONS

- Highways
- Street and Roads
- 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
- Tool Free Opening System

IP65

CE



✓ 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													
			PSY RX7	2	305	220	204	RX7	Bracket	9,500		65	CE
70	MH	1,00	PSY 70	2	305	220	204	RX7	Bracket	4,500	12	65	CE
100	MH	1,20	PSY 100	2	305	220	204	RX7	Bracket	4,525	14	65	CE
150	MH	1,80	PSY 150	2	305	220	204	RX7	Bracket	5,000	20	65	CE
230V, 50Hz													
70	MH	1,00	PSY 70	2	305	220	204	RX7	Bracket	4,520	12	65	CE
100	MH	1,20	PSY 100	2	305	220	204	RX7	Bracket	4,550	14	65	CE
150	MH	1,80	PSY 150	2	305	220	204	RX7	Bracket	5,030	20	65	CE

Seal Type : Resistant To Heat Silicon
 Diffuser : Tempered Flat Glass
 Power Factor : 0,95 – 1
 Body Type : Polymer / GRP, IK 08
 Box Dimension : 310mmx230mmx210mm

DIMENSIONS



PROJECTS

All Star Halı Saha 2016



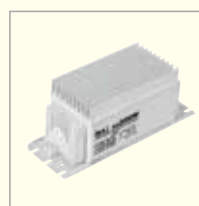
Italy, Bari 2016-2017



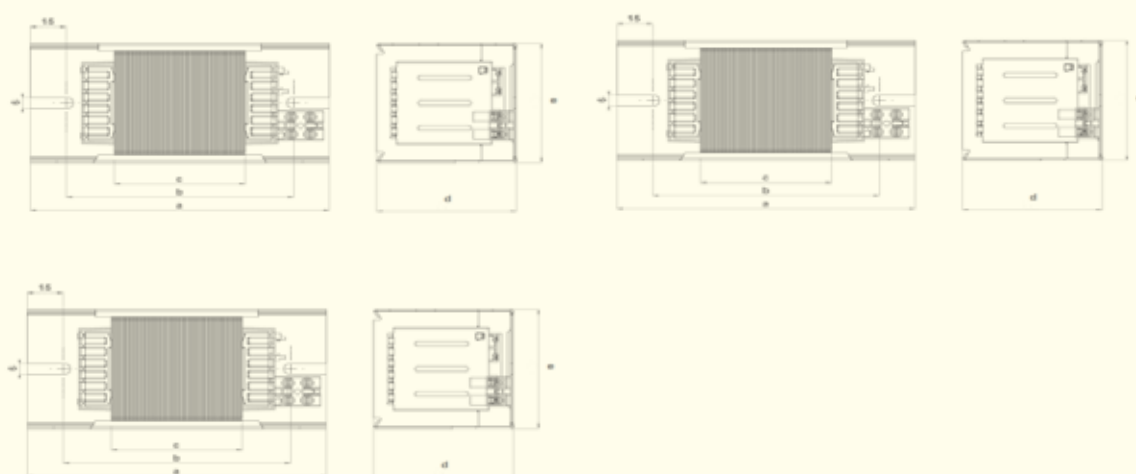
BALLASTS

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	1210	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

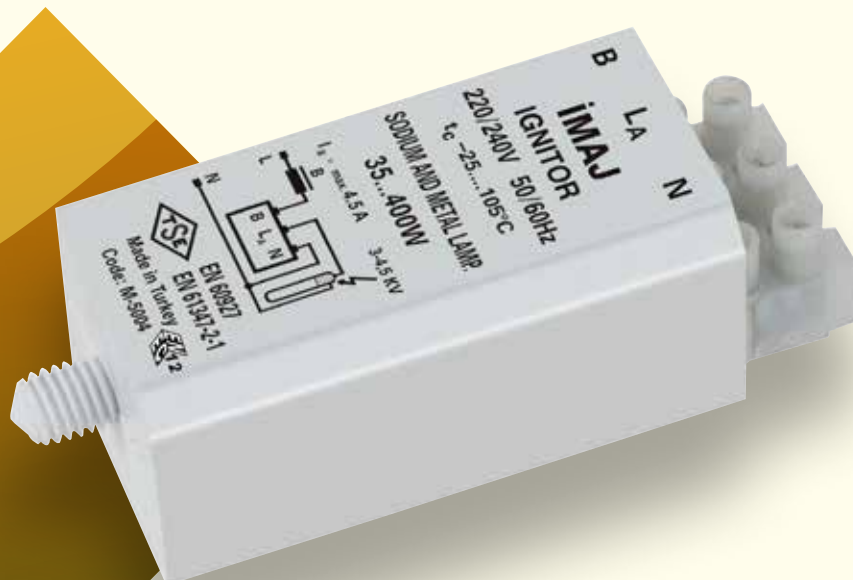
Lamp Power W	Lamp Type	Current A	Ballast Lamp Type	Cos φ	Figure	a mm	b mm	c mm	d mm	e mm	Weight kg	Dt C	Thermal Protection	Capacitor μf	Quantity in a Box	Quality Certificates
220V, 50Hz																
125	HG	1,15	HG 125	0,55	1	116	90	45	59	69	1,384	70	Yes	10	16	TSE/CE
250	HG	2,15	HG 250	0,57	1	144	119	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

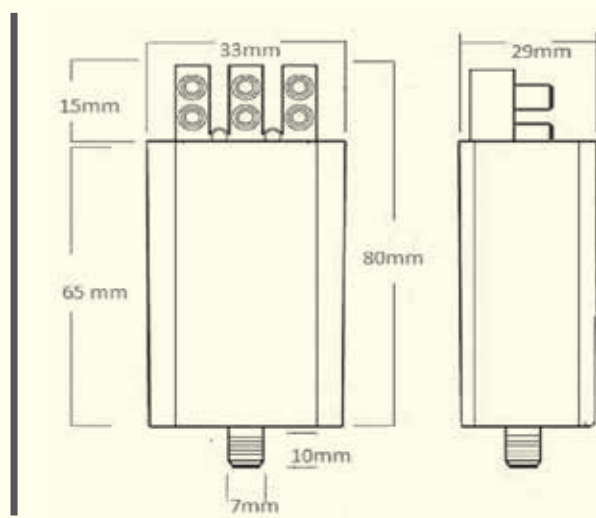
Terminal Blocks: 1,5 - 2,5 mm² / tw 130 C / Protection Class 1 / TS EN 60923, TS EN 61347

IGNITORS

STANDART
IGNITORS



STANDARD IGNITORS DIMENTIONS

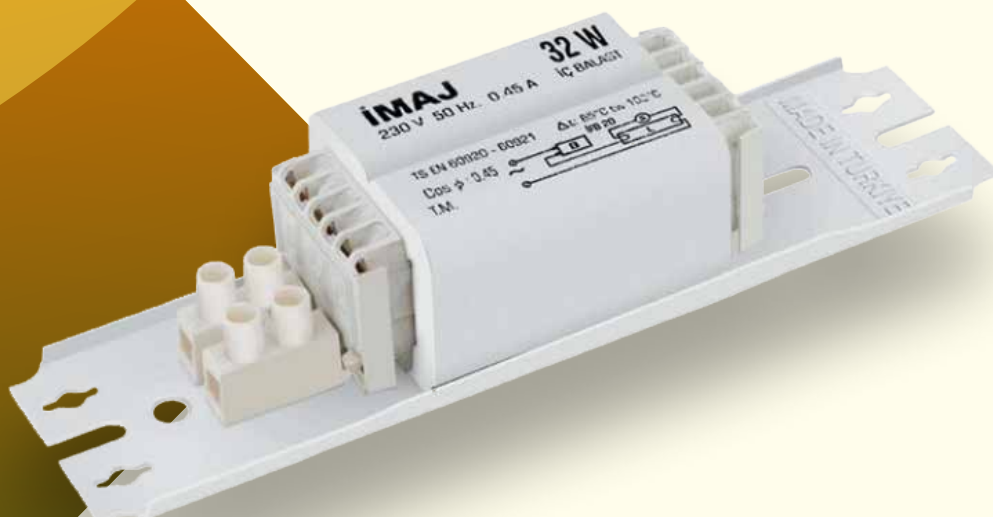


Ignitor Power W	Lamp Type	Max. Current A	Ignitor Lamp Type	a mm	b mm	c mm	ta C	tc C	Ignation Voltage Kv	Timer (minutes)	Quality Certificates
220V/240V, 50Hz/60Hz											
35-400	Ignitor	5	IM 04T	30	90	33	-25+85	105	3-4,5	5	TSE/CE/ ENEC
35-400	Ignitor	5	IM 04T	30	90	33	-25+85	105	3-4,5	10	TSE/CE/ ENEC
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

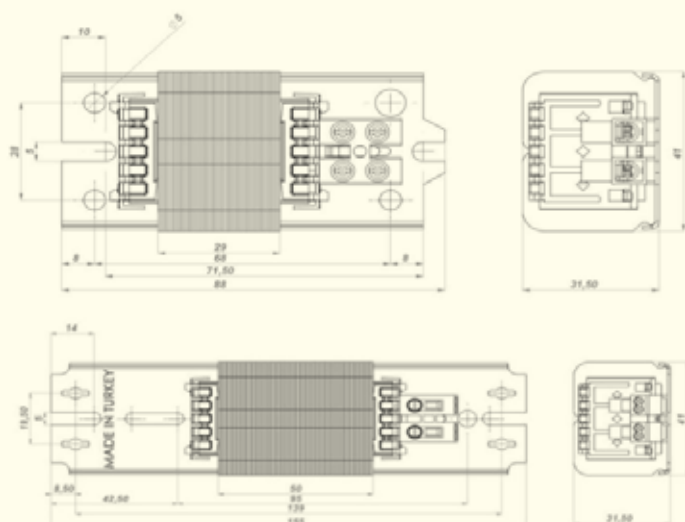
Lamp Type : Sodium and Metal Halide
Box Quantity : 120 Pieces

FLOURESCENT LAMP BALLASTS

STANDART
FLOURESCENT
LAMP
BALLASTS



STANDARD BALLAST DIMENSIONS



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

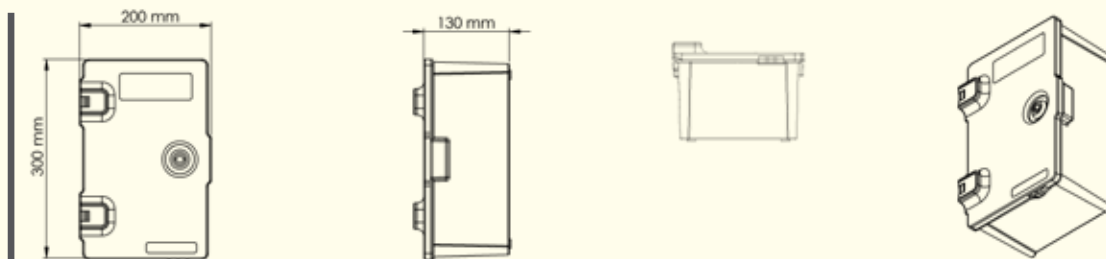
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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



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

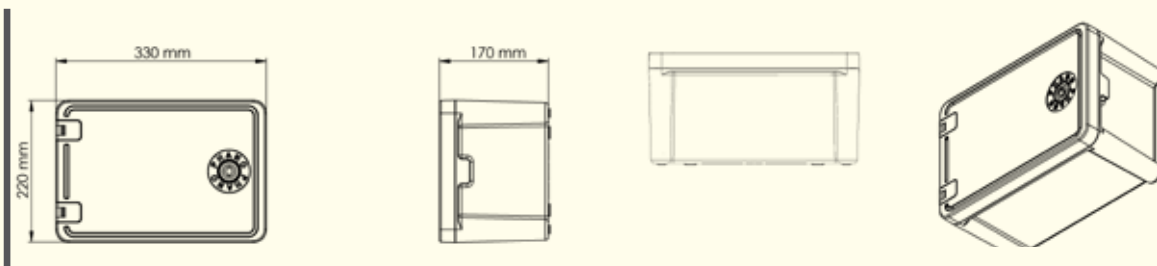
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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)

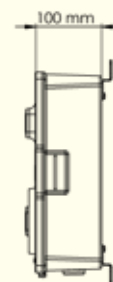
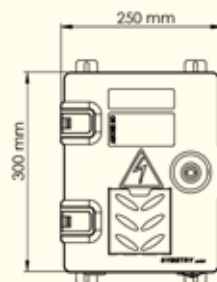
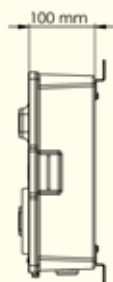
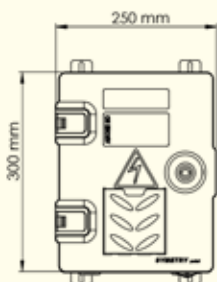


25x30x10 TECHNICAL FEATURES

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

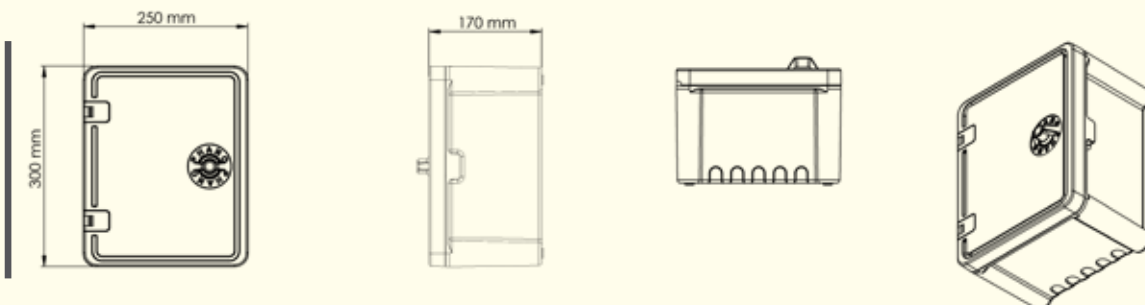
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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

✓ **ISO 9001**
LL-C (Certification)

✓ **ISO 14001**
LL-C (Certification)

✓ **OHSAS 18001**
LL-C (Certification)



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

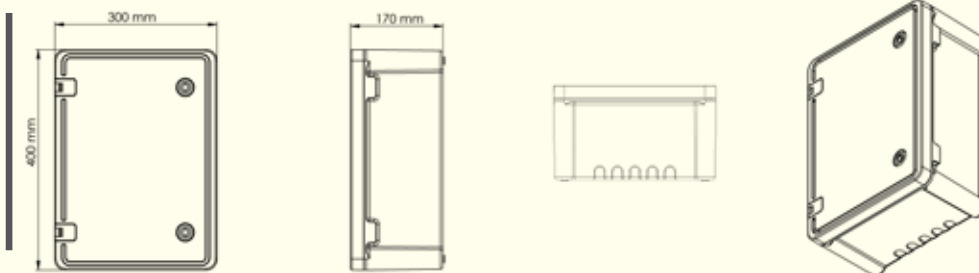
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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

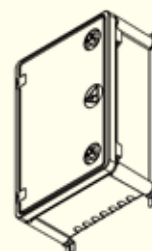
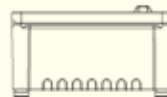
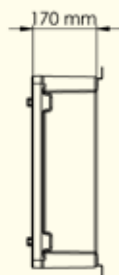
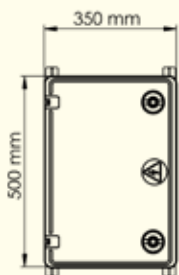
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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

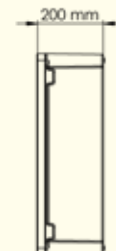
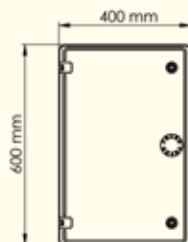
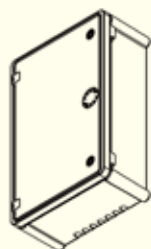
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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

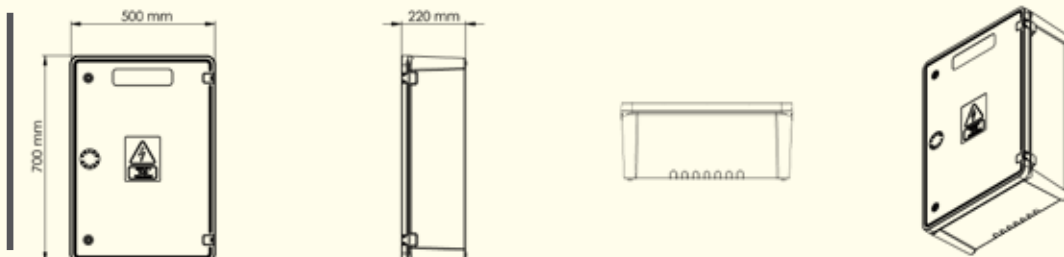
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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

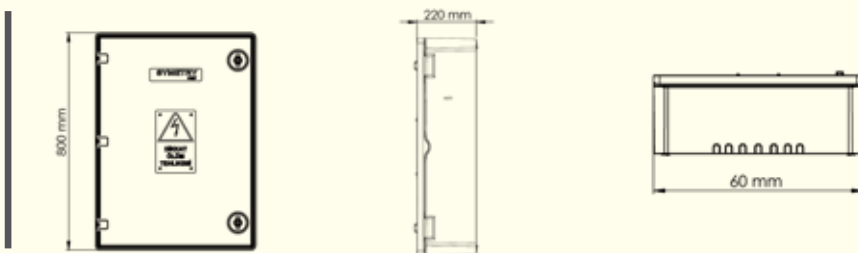
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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

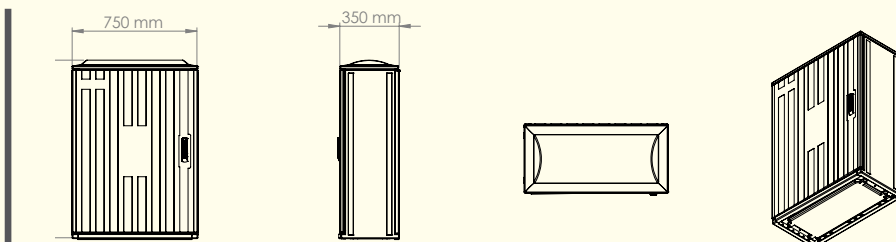
- Rustproof, scratch-proof, maintenance free
- Dielectric
- Flameproof, Self-extinguishing
- Non-affected by humidity
- Resistant to atmosphere conditions
- Your logo can be placed on (based on order)

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



FEATURES

- Body: Aluminum
- Print: Anodic



EN 60598-2-1



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:

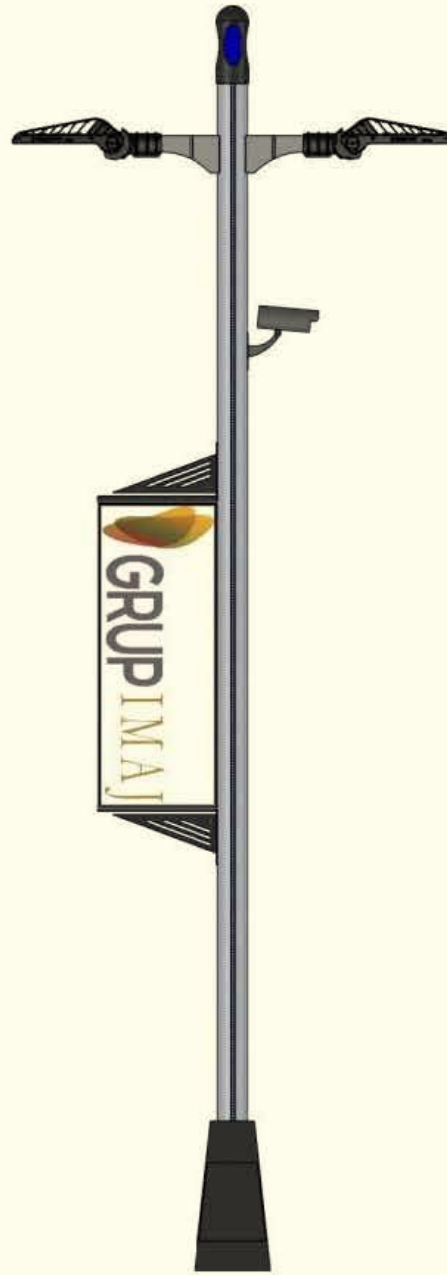
- Adjustable luminaire and pole height
- Using in decorative projects
- Easy accessory installation using two screws

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



Technical Specifications

Structures and Materials:

- Solid aluminum extrusion body
- Pole body color is black
- Eloxal and Electrostatic paint which is resistant to atmospheric conditions
- Stainless

Code	Height (m)	Pole Weight (kg) (Without Accessories)	Diameter (mm)	Console Height (mm)
Pole 1	3	16,5	100	29
Pole 2	4	22	100	29
Pole 3	5	27,5	100	29



GR-01



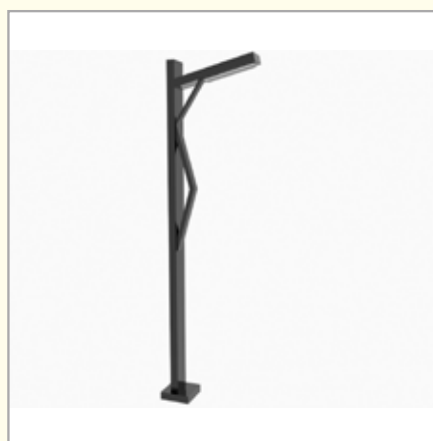
GR-02



GR-03



GR-04



GR-05



GR-06



GR-07



GR-08

WATERPROOF LIGHTING

APPLICATIONS

- Car Parks
- Tunnels
- Warehouses
- Ships
- Factory Lighting



DESCRIPTION

- Body: GRP
- Print: Electostatic White Powder Paint
- Power: 230 V 50 Hz
- Diffuser: PMMA
- Ballast: Electronic (EVG), Dimmable
Ballast Option. (EVG DIMM) Magnetic
Ballast Option (VVG)
- Optional: Emergency Kit

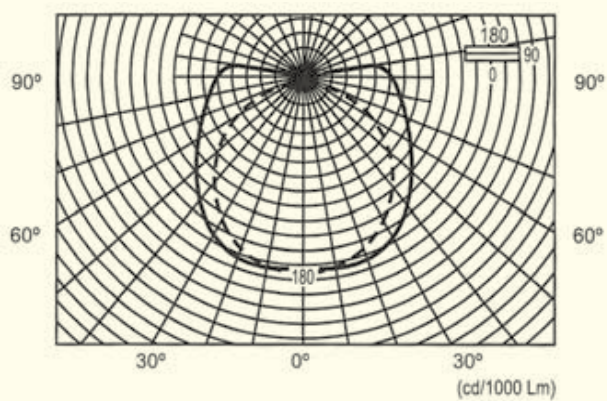


EN 60598-2-1

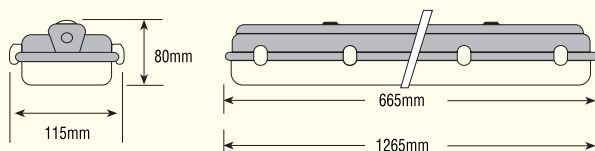


Code No	Power	Lamp Type	Base	Lm	Dimensions (mm)			Dimensions (mm)			Weight Per Unit (kg)	Box Weight (kg)	Volume (m) ³	Qty Per Box
					a	b	c	a	b	c				
O42 118	1x18w	T8	G13	1x1350	665	80	115	670	185	120	1.605	3.450	0.0148	2
O42 136	1x36w	T8	G13	1x3350	1265	80	115	1275	180	120	2.455	5.315	0.0275	2
O42 218	2x18w	T8	G13	2x1350	665	80	115	670	185	120	1.630	3.475	0.0148	2
O42 236	2x36w	T8	G13	2x3350	1265	80	115	1275	180	120	2.980	6.400	0.0275	2
O42 114	1x14w	TL5	G5	1x1200	665	80	115	670	185	120	1.310	2.860	0.0148	2
O42 128	1x28w	TL5	G5	1x2250	1265	80	115	1275	180	120	2.225	4.855	0.0275	2
O42 214	2x14w	TL5	G5	2x1200	665	80	115	670	185	120	1.380	3.000	0.0148	2
O42 228	2x28w	TL5	G5	2x2250	1265	80	115	1275	180	120	2.300	5.000	0.0275	2

LIGHT DISTRIBUTION CURVES



DIMENSIONS





www.grupimaj.com



www.symetrypointled.com



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