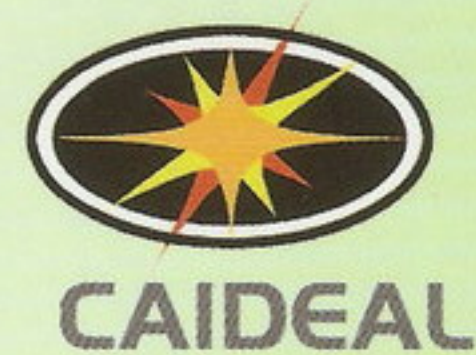




NANJING CAIDEAL PRODUCTS CO.,LTD.



BRIEF INTRODUCTION

NANJING CAIDEAL PRODUCTS CO.,LTD.is a professional supplier of all kinds of the lighting products, electrical meters, and mechanical-electrical equipments etc.

Our company could supply especailly all kind of vapour discharge electricity lamps, such as High Pressure Mercury lamps, High Pressure Sodium lamps and Metal Halide lamps which are with American type. Europe type etc. 100% of these products have been exported to USA,EUROPE market and South-east Asia, South American, Middle-east etc. Meanwhile, it also supplies the Halogen lamps, fluorescent lamps, energy-saving lamps, incandescent lamps, lamp components etc, and Floodlight fixtures, Projection Light Fixtures, Street Light fixture, Halogen Light Fixtures, Ballast, Igniters, Capacitors, photocontrols etc.

We also supply all kinds of the KWH meters, Insulators, Ground Rod etc, and these products have become our most popular producdts recently.

Recently years, our supplied products relying on stable quality and strict management stride rapidly into world market, well-received by clients and consumers, we have being a rising new star of Chinese new-style electrical light source line and other products.

We owns strong technical force, perfect testing measures and advanced equipment with our purpose of "QUALITY FIRST, CREDIT FIRST, SERVICE FIRST". We will continue to supply all kind of new style electrical light source with best quality and competitive price to our old and new customers



General Manager: MR.JOHN YIN

WELCOME TO OUR COMPANY

Address: Nanjing,
Jiangsu,210000
China

Tel: +86-25-85165887/66605206,

Fax: +86-25-85623349/66605207

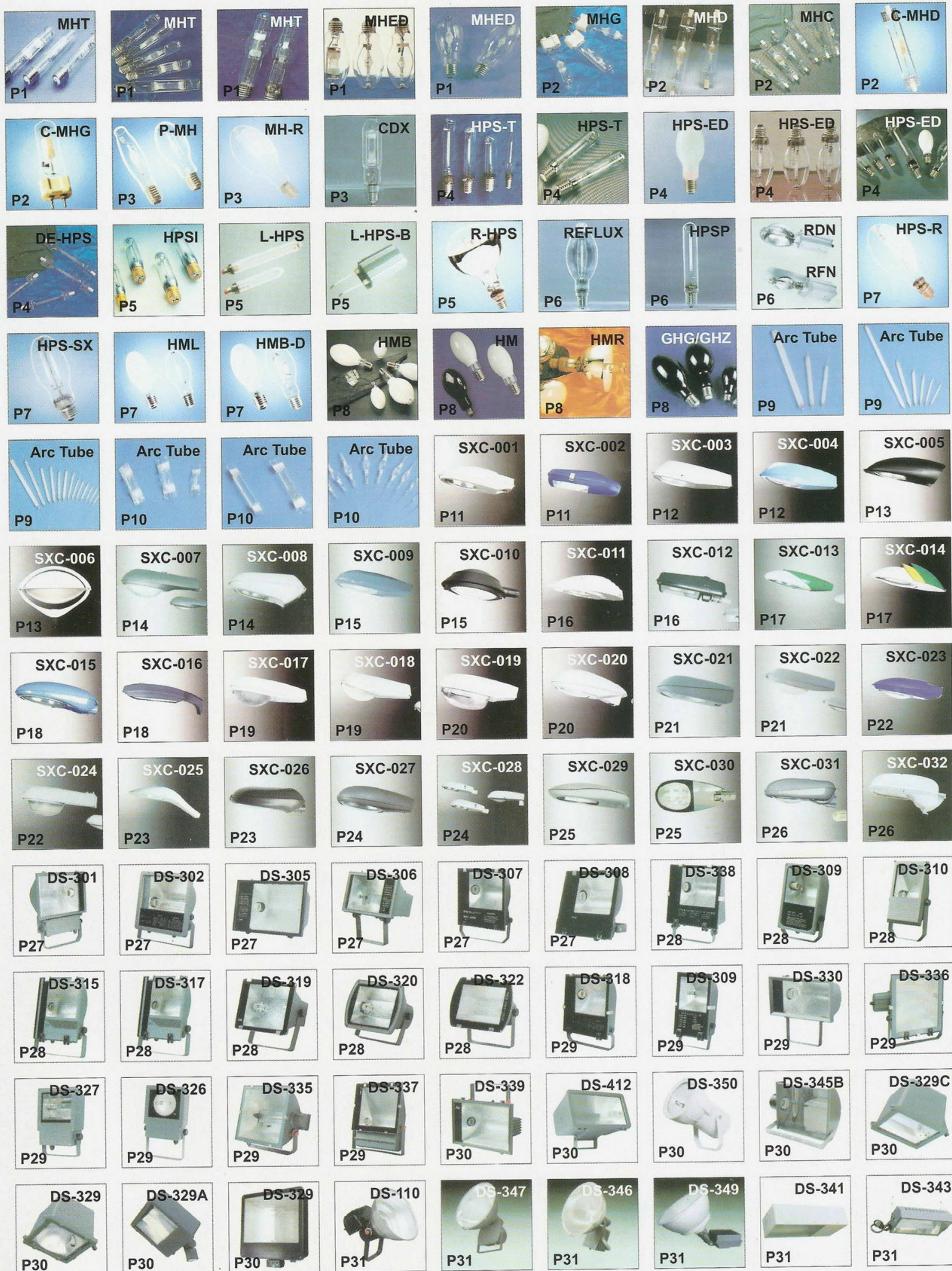
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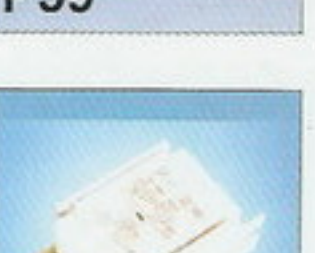
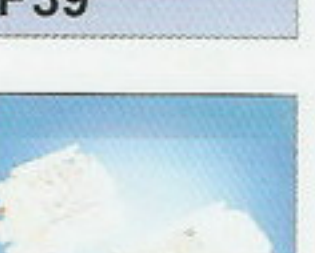
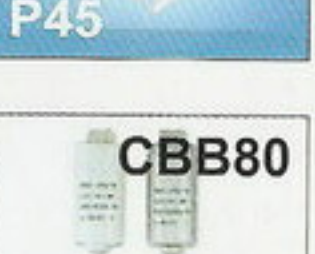
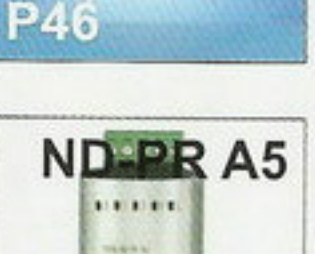
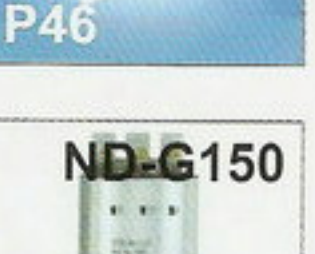
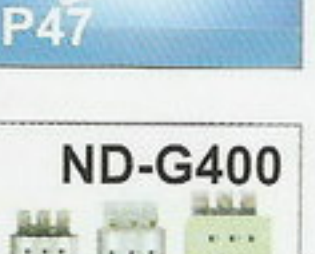
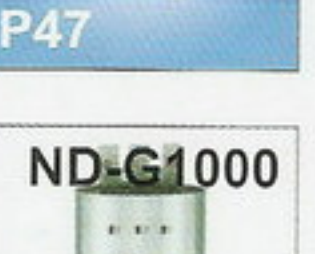
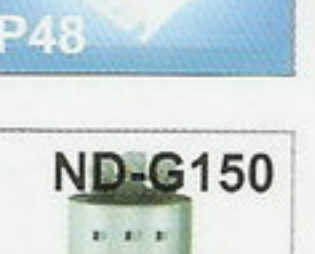
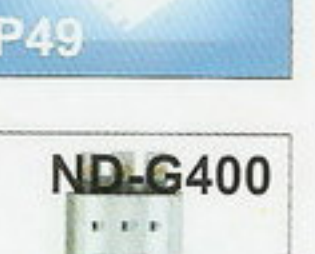
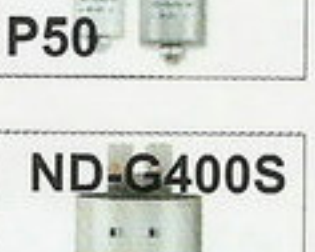
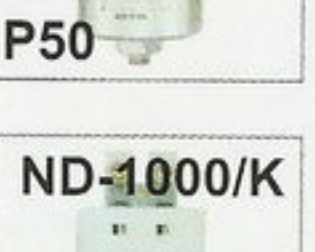
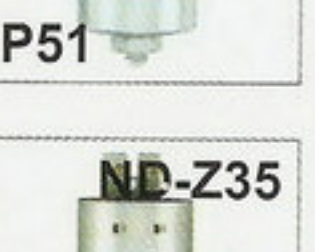
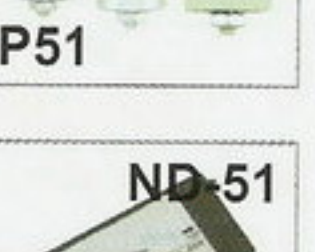
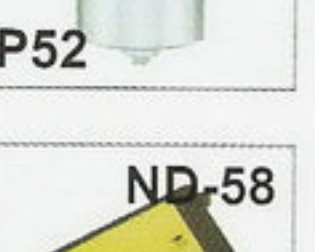
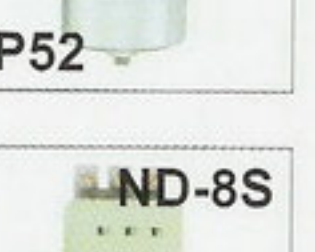
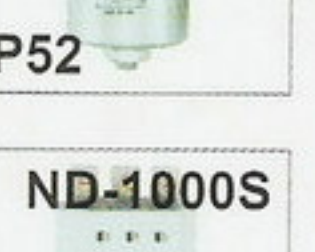
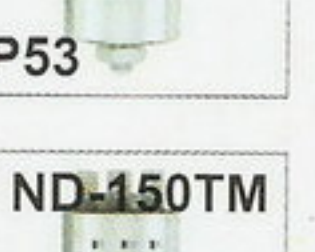
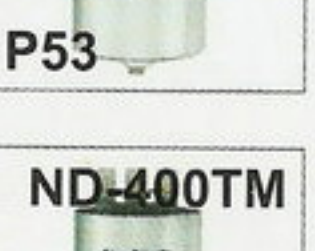
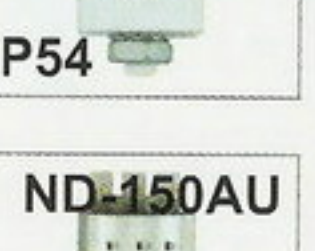
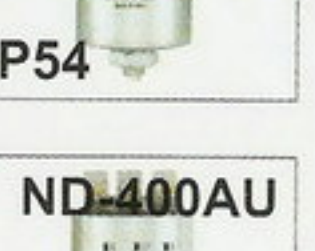
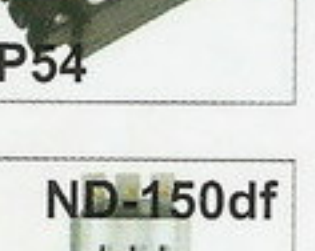
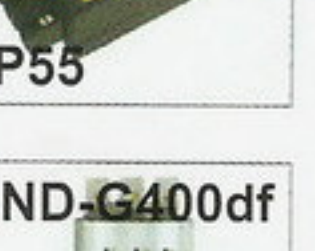
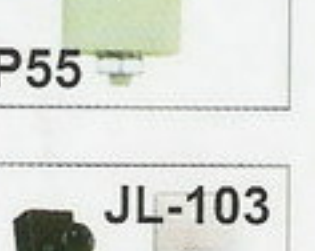
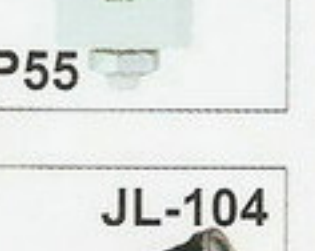
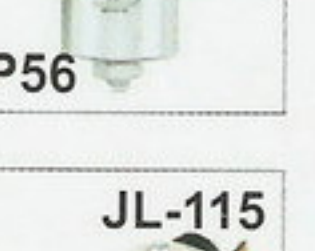
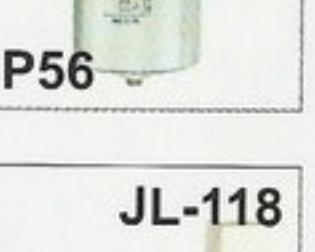
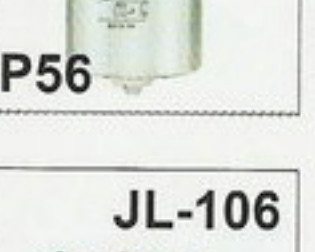
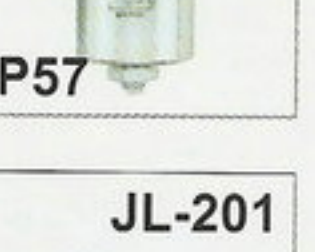
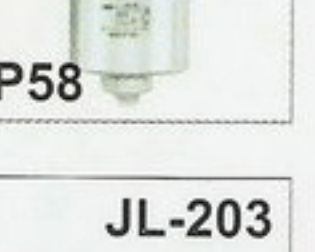
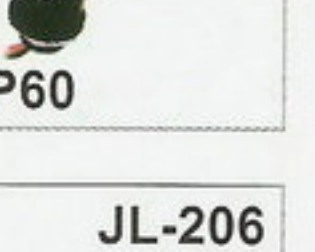
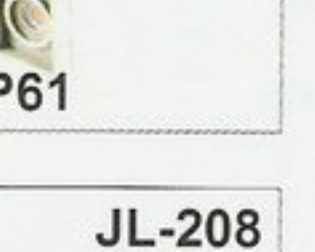
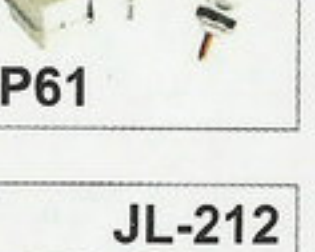
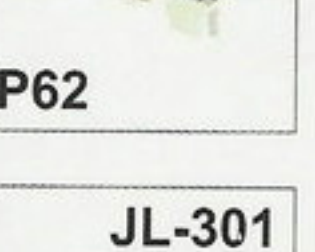
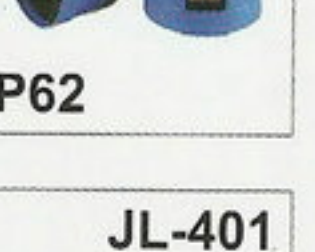
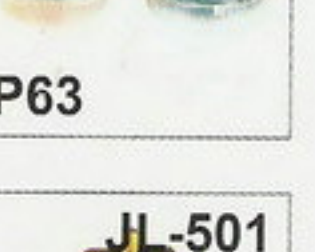
johnyin@china.com

<http://www.caidéal.com>

<http://www.globalsources.com/caideal.co>

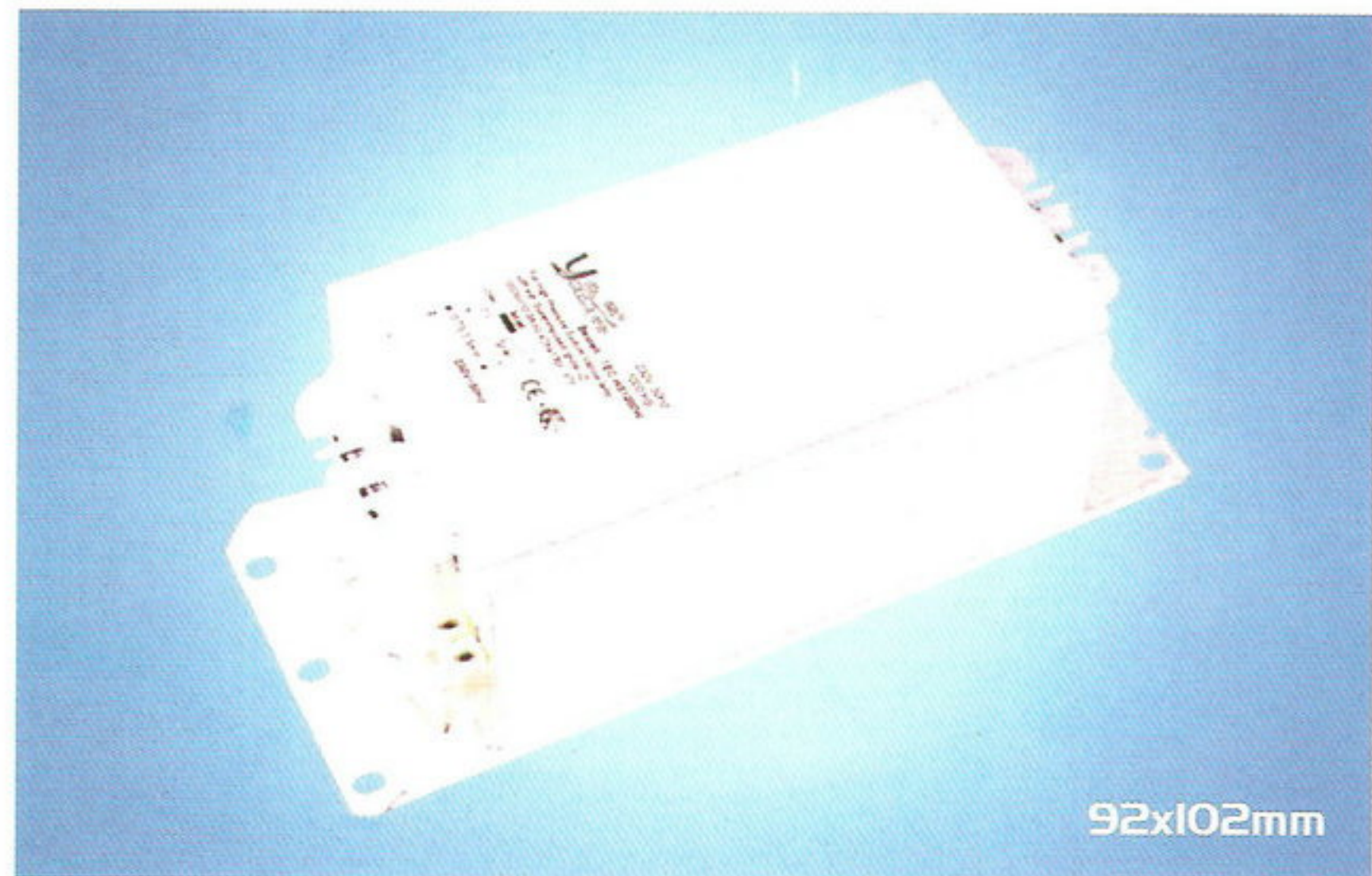
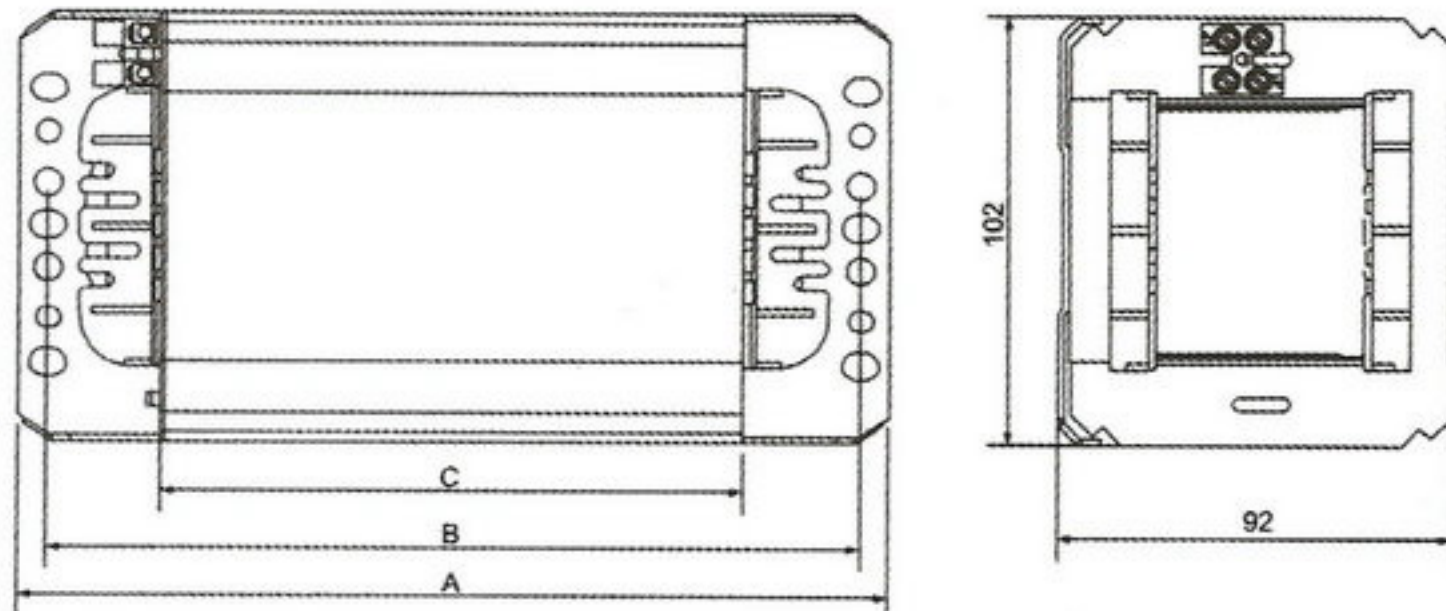




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 DS-414 P34	 DS-416 P34	 DS-415 P34	 DS-E101 P34	 DS-175MH P35	 DS-175MA P35	 DS-175MA P35	 DS-175MH P35	 HPFMH P36
 CWA-MH P36	 CWA-PS P37	 R-HPF P37	 CWA-HPS P38	 HX-MV P38	 R-MV P38	 HX-HPF P39	 CWA-MHF P39	 CWA-MHF P39
 U.S. P40	 P41	 P41	 P42	 P42	 P43	 P43	 P44	 P44
 P45	 P45	 P46	 P46	 P47	 P47	 P48	 P48	 P49
 P49	 CBB80 P50	 ND-PR A5 P50	 ND-G150 P51	 ND-G400 P51	 ND-G1000 P52	 ND-G2000 P52	 ND-G150 P52	 ND-G400 P53
 ND-G2000 P53	 ND-G400S P53	 ND-1000/K P54	 ND-Z35 P54	 ND-51 P54	 ND-58 P55	 ND-8S P55	 ND-1000S P55	 ND-150TM P56
 ND-400TM P56	 ND-1000TM P56	 ND-150AU P57	 ND-400AU P57	 ND-150df P58	 ND-G400df P58	 JL-103 P60	 JL-104 P60	 JL-115 P61
 JL-118 P61	 JL-106 P62	 JL-201 P62	 JL-202 P63	 JL-203 P63	 JL-204 P64	 JL-205 P64	 JL-206 P65	 JL-208 P65
 JL-212 P66	 JL-301 P66	 JL-401 P67	 JL-501 P67	 JL-200X P68	 JL-220 P68	 JL-210 P69	 JL-220 P69	

--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:92mmX102mm
- tw 130

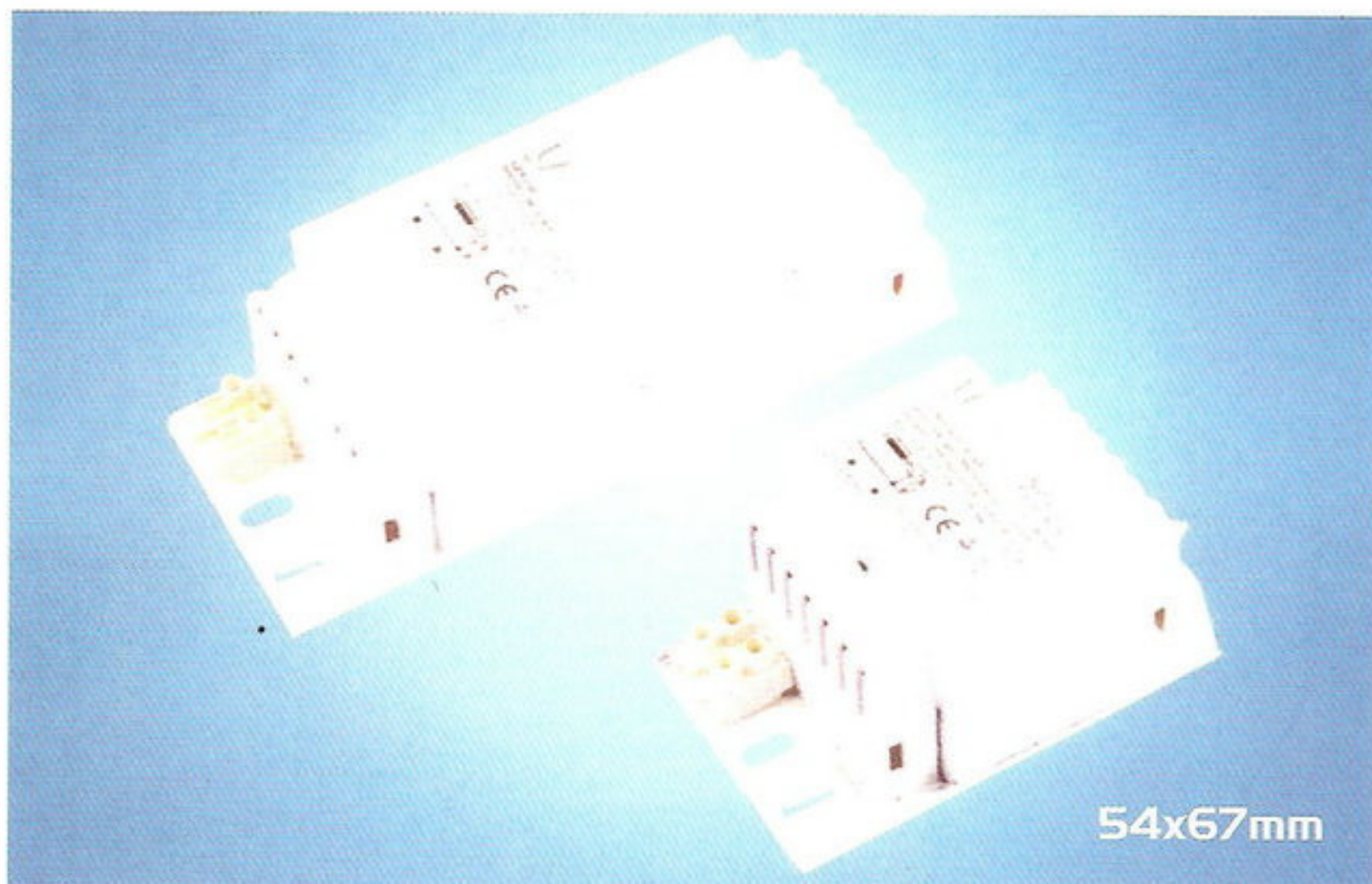
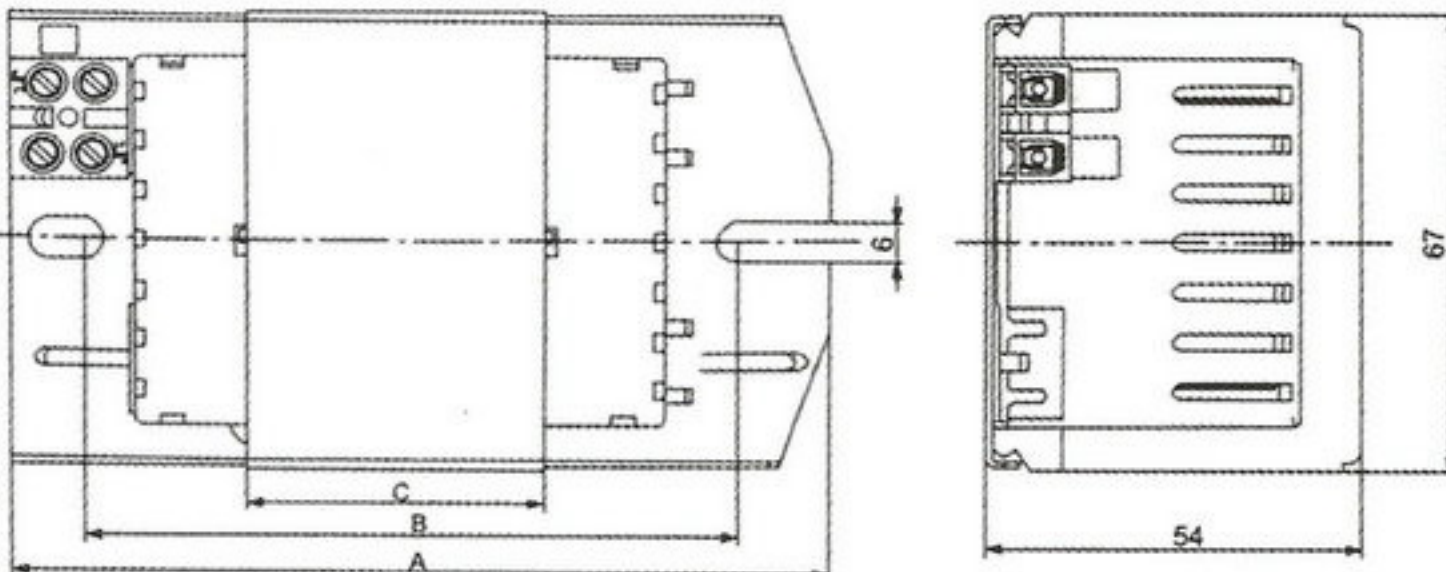


92x102mm

Ballasts				Capacitor		Lamp				
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current (A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
TEC-HPS 600	173	160	96	6.60	75	65	600	6.20	1	180X105X100
TEC-HPS 1000	248	235	165	11.6	75	100	1000	10.3	1	255X105X100
TEC-HI 1000	248	235	135	11.5	75	85	1000	9.50/8.25	1	255X105X100
TEC-HM 1000	173	160	135	9.60	75	85	1000	7.50	1	180X105X100

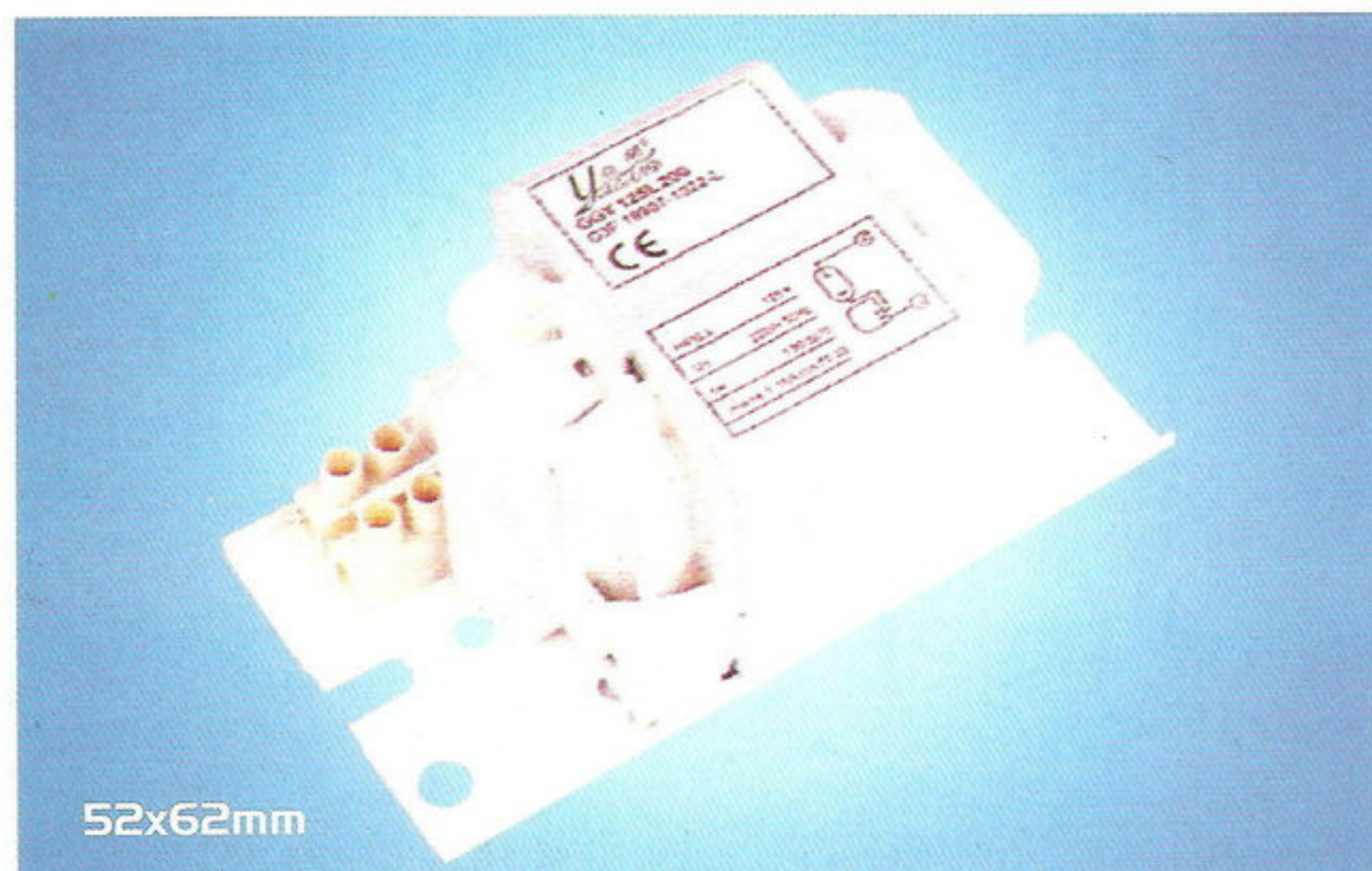
--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:54mmX67mm
- tw 130



54x67mm

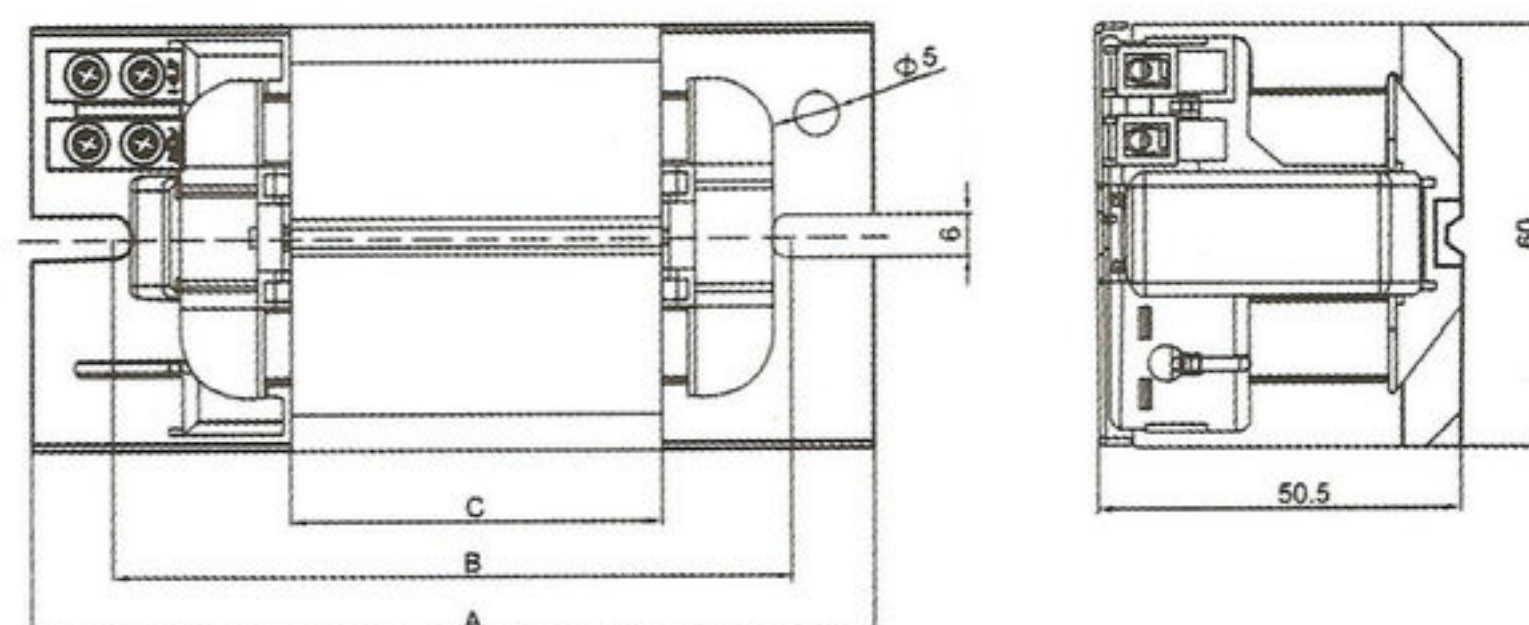
Ballasts				Capacitor		Lamp				
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
TE- ^{HPS} _{MH} 70	112	86	50	1.40	75	12	70	1.00	10	350X125X125
TE-HM125	112	86	50	1.40	75	12	125	1.15	10	350X125X125
TB- ^{HPS} _{MH} 150	164	140	85	2.20	80	20	150	1.80	10	350X175X125
TE- ^{MH} _{HM} 250	164	140	85	2.30	80	18	250	2.13	10	350X175X125
TE-HPS 250	190	165	120	2.80	85	32	250	3.00	6	215X200X125
TE- ^{MH} _{HM} 400	190	165	120	2.90	85	30	400	3.40/3.25	6	215X200X125
220V,60Hz										
TE- ^{HPS} _{MH} 70	112	86	43	1.25	70	10	70	1.00	10	350X125X125
TE-MH 125	112	86	43	1.20	75	10	125	1.15	10	350X125X125
TE- ^{HPS} _{MH} 150	145	120	76	1.90	75	16	150	1.80	10	350X155X125
TE- ^{MH} _{HM} 250	145	120	76	1.85	75	16	250	2.13	10	350X155X125
TE- ^{MH} _{HM} 400	180	155	110	2.90	75	25	400	3.40/3.25	6	215X190X125



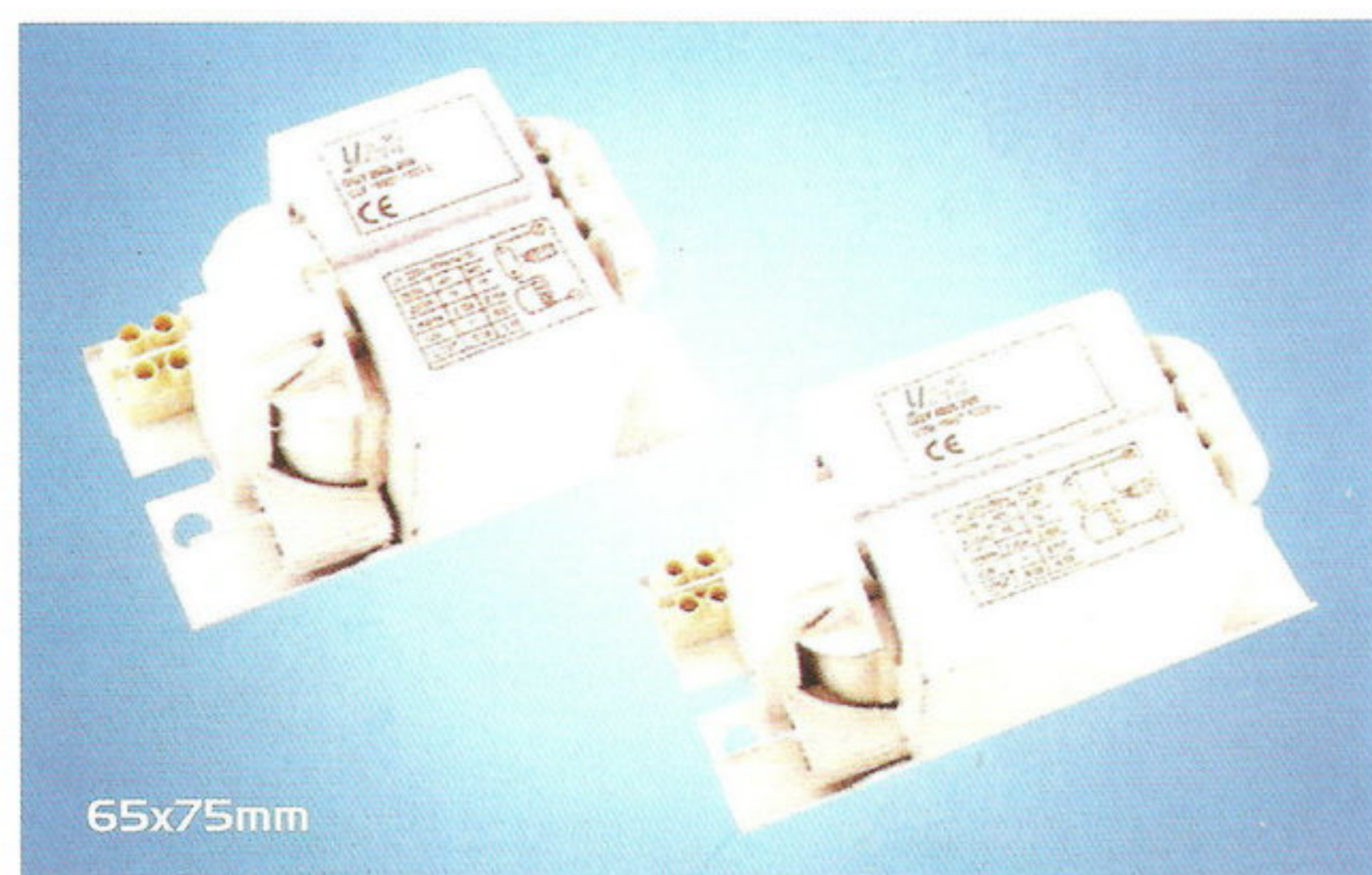
52x62mm

--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:52mmX60mm
- tw 130



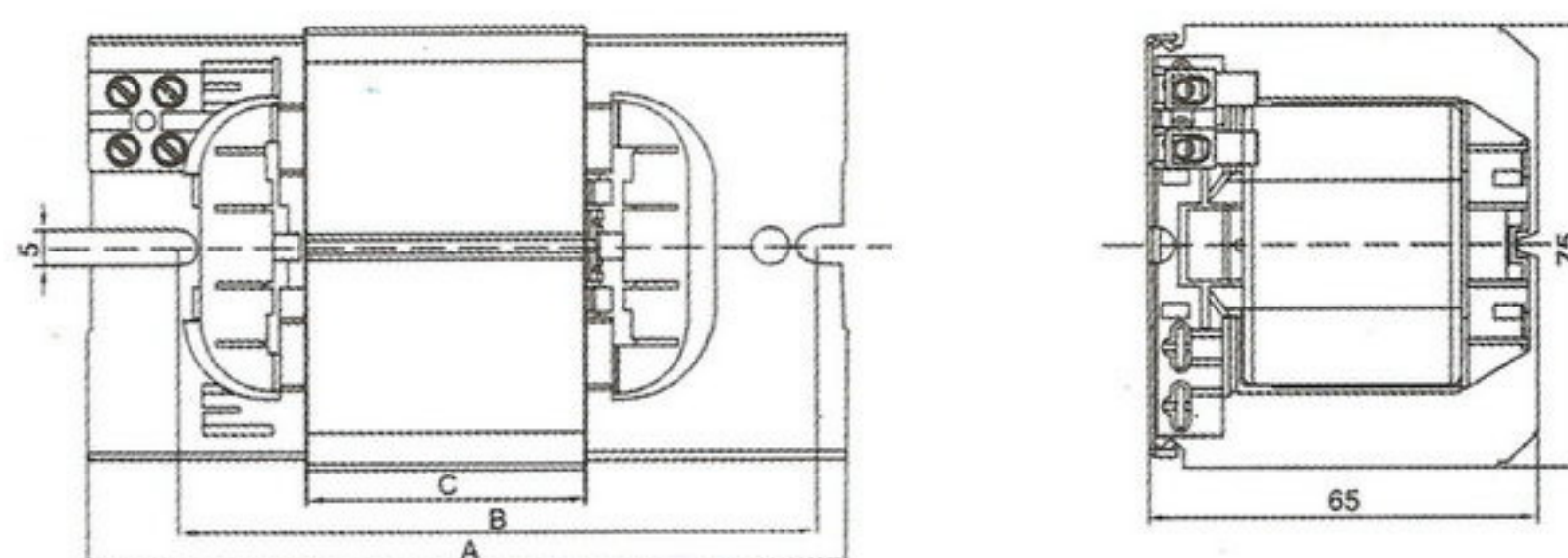
Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
GGY-HPS 35	118	103	30	0.86	60	6	35	0.53	10	315X125X112
GGY-HPS 35	118	103	30	0.95	65	9	50	0.76	10	315X125X112
GGY-HPS 35	118	103	43	1.21	70	12	70	1.00	10	315X125X112
GGY-HPS 100	118	103	50	1.40	70	12	100	1.20	10	315X125X112
GGY-HM 50	118	103	30	0.90	60	7	50	0.61	10	315X125X112
GGY-HM 80	118	103	43	1.10	65	8	80	0.80	10	315X125X112
GGY-HM 125	118	103	43	1.10	75	12	125	1.15	10	315X125X112



65x75mm

--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:65mmX75mm
- tw 130



Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
GGY-HPS 150	125	113	46	1.80	75	20	150	1.80	10	390X130X136
GGY-HPS 250	125	113	46	1.80	75	18	250	2.13	6	265X245X70
GGY-HPS 250	150	138	78	2.80	80	32	250	3.00	6	371X252X7
GGY-HPS 400	150	138	78	2.85	80	30	400	3.40/3.25	6	371X252X7
GGY-HPS 400	175	160	110	4.10	80	50	400	4.45	4	275X180X85

--Electromagnetic ballasts for HID lamp

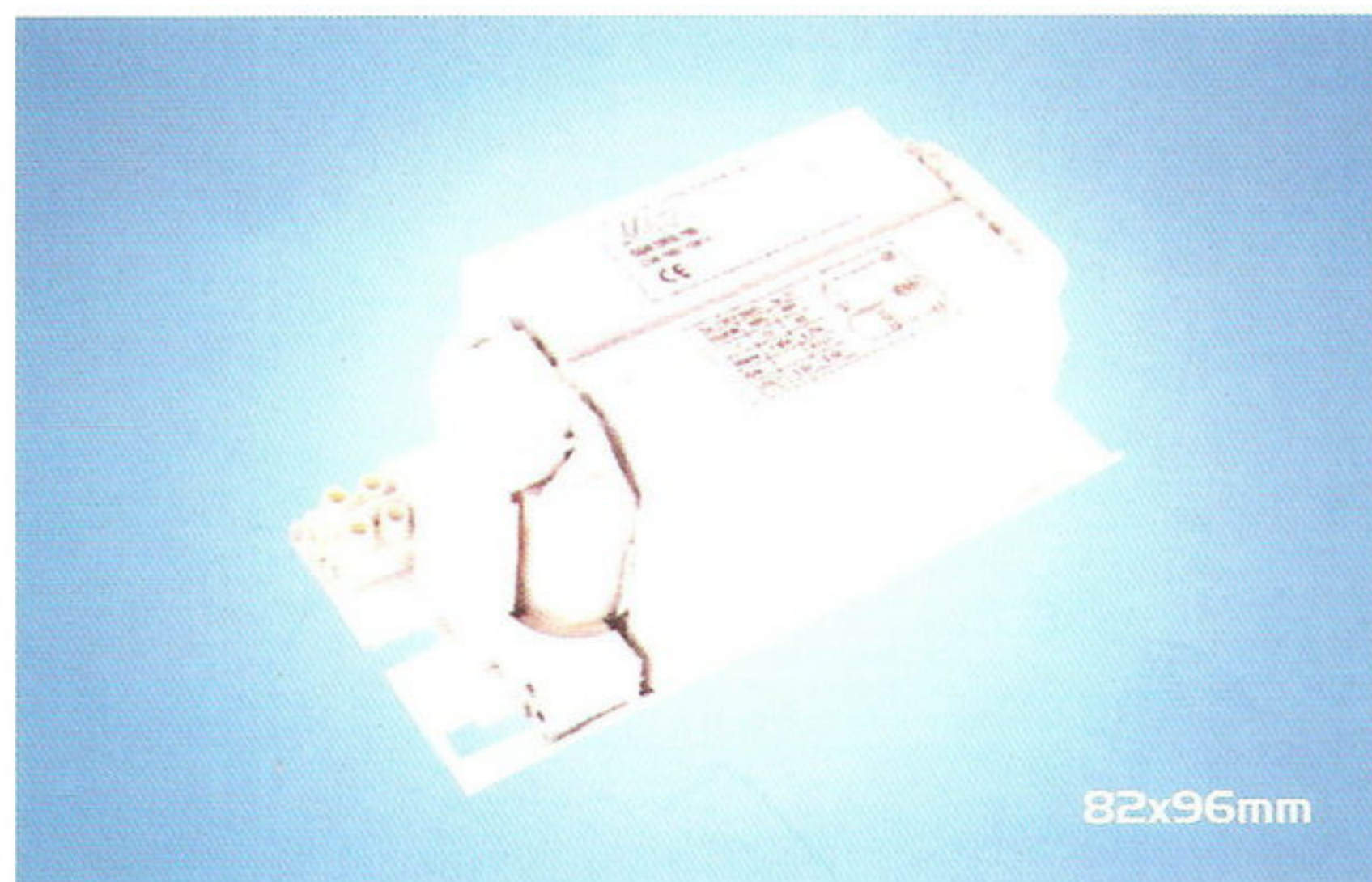
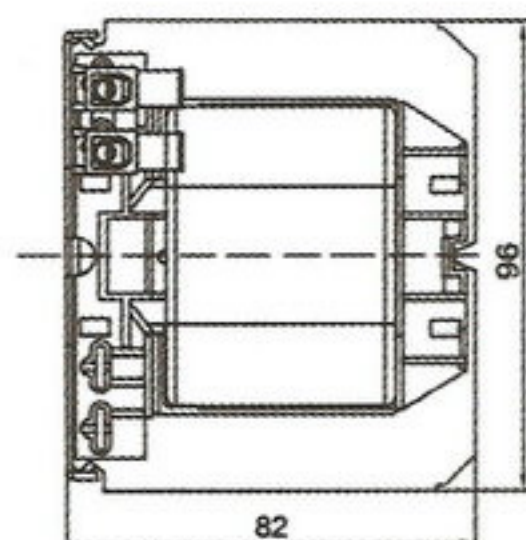
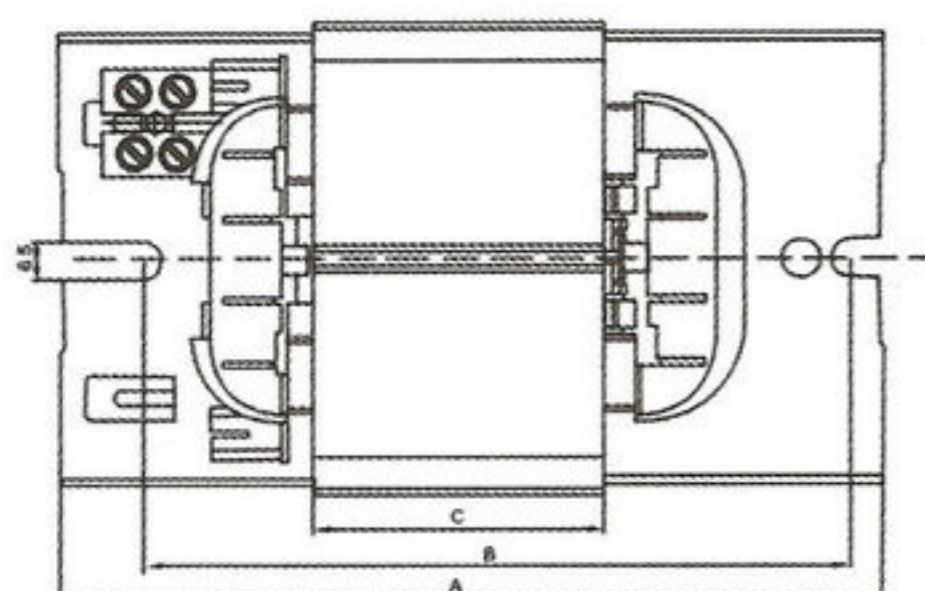
--For HPS (high-pressure sodium)discharge lamp

HI/MH (high-pressure metal halide)discharge lamp

HM (high-pressure mercury vapour)discharge lamp

--Shape:82mmX96mm

--tw 130



82x96mm

Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
GGY96-MH 250	166	145	50	3.0	70	18	250	2.13	6	300X170X140
GGY96-HPS 250	166	145	60	3.8	80	32	250	3.00	4	200X170x140
GGY96-MH 400	166	145	60	3.8	75	32	400	3.40/3.25	4	200X170X140
GGY96-HPS 400	166	145	71	4.5	80	50	400	4.45	4	200X170X140
GGY96-HPS 600	180	150	95	5.7	75	65	600	6.20	2	200X185X90
GGY96-HM 700	180	150	95	5.7	70	40	700	5.40	2	200X185X90
GGY96-HM 1000	203	180	110	6.5	75	60	1000	7.50	2	208x200X90
GGY96-HPS 1000	240	210	150	9.0	75	100	1000	10.3	2	245X200X90

--Electromagnetic ballasts for HID lamp

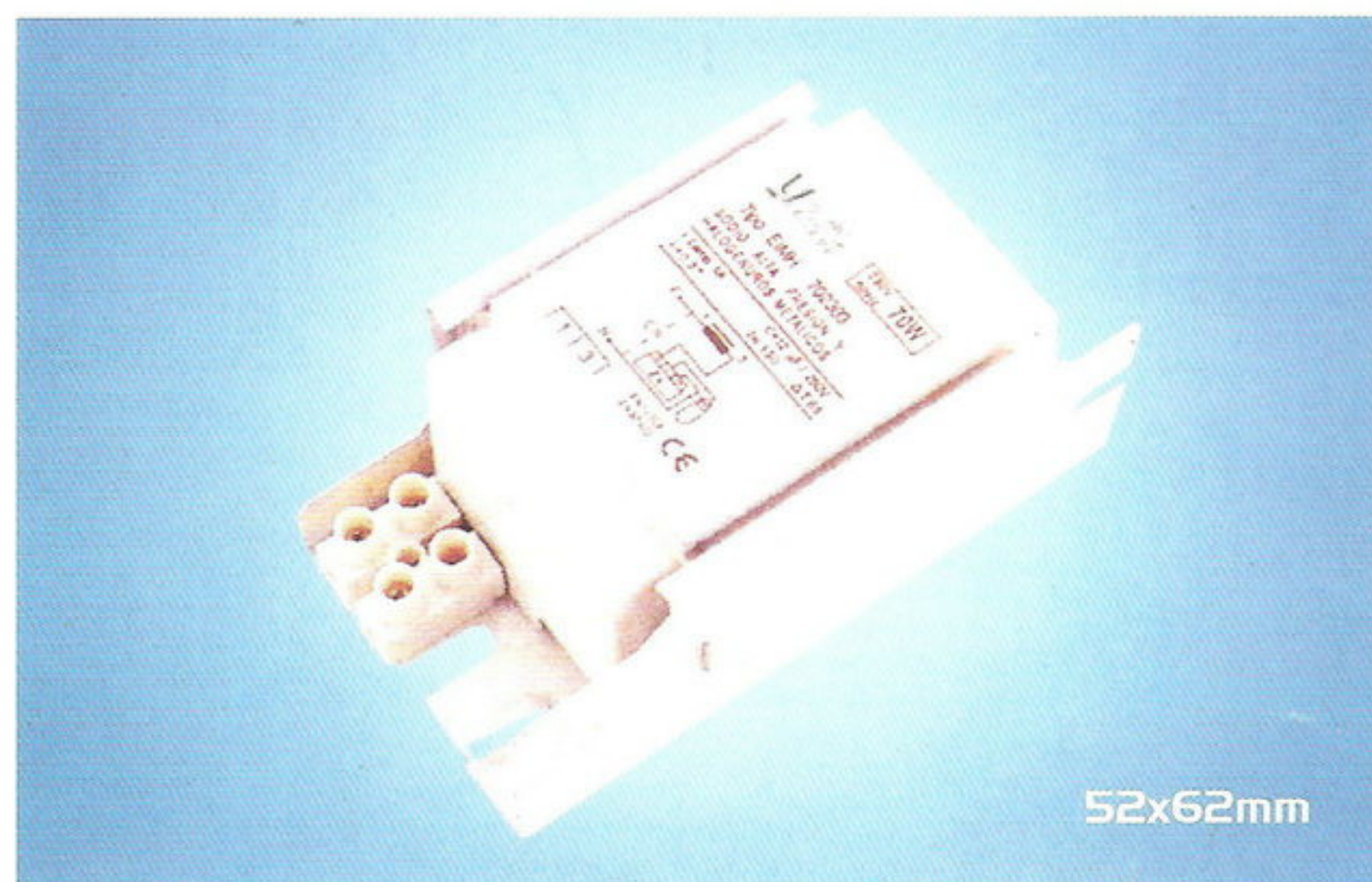
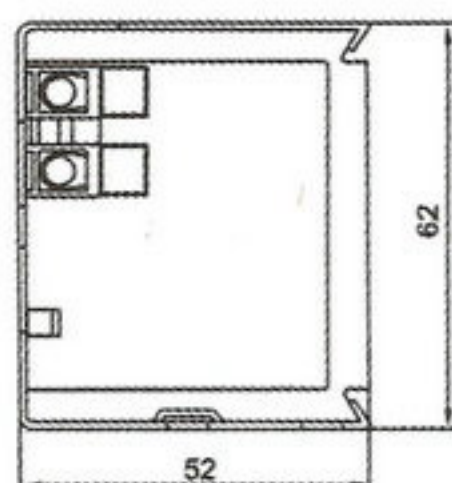
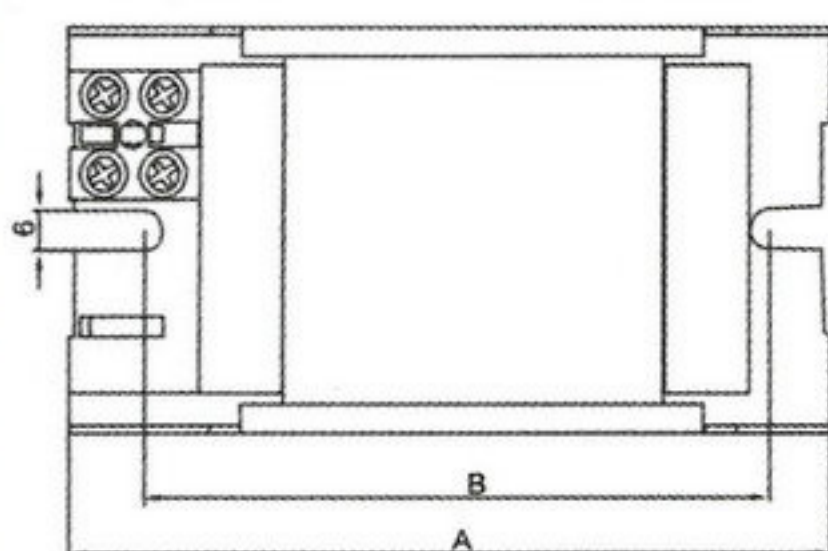
--For HPS (high-pressure sodium)discharge lamp

HI/MH (high-pressure metal halide)discharge lamp

HM (high-pressure mercury vapour)discharge lamp

--Shape:52mmX62mm

--tw 130



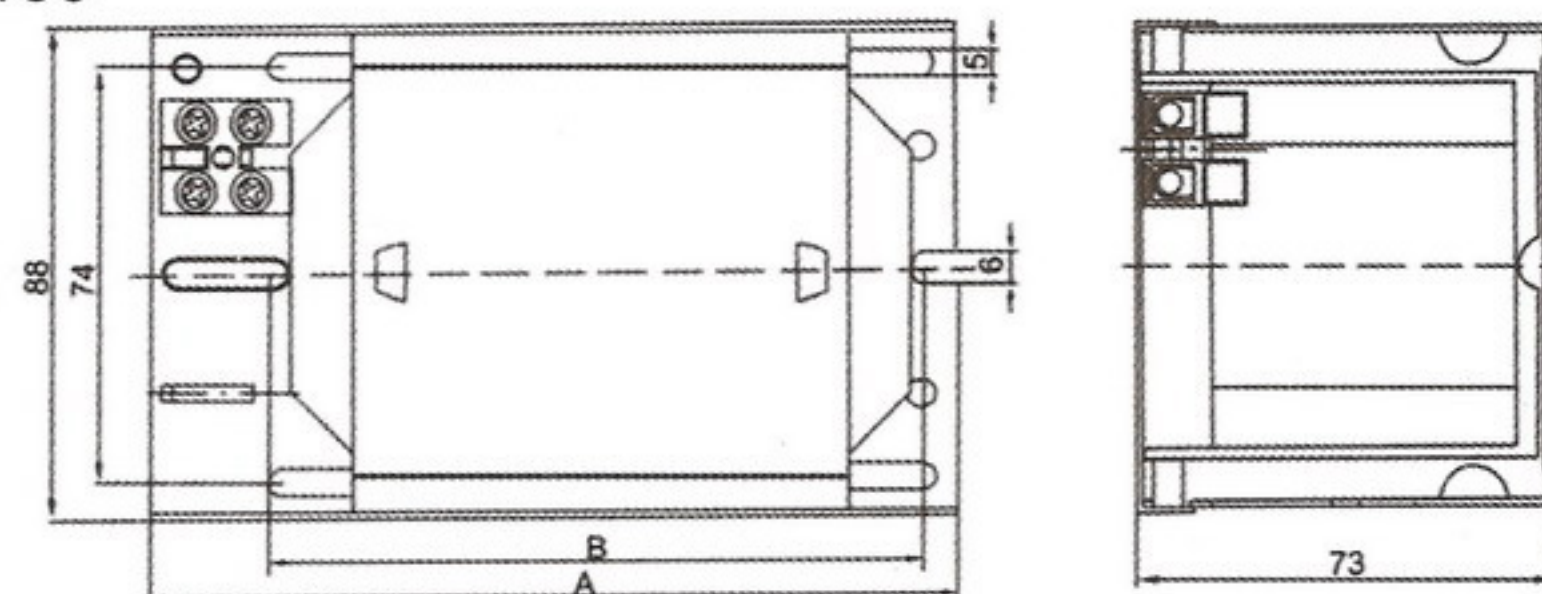
52x62mm

Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current (A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
EI-HPS 70	118	100	58	1.46	70	12	70	1.00	10	330X130X120
EI-HM 125	118	100	58	1.46	125	12	125	1.15	10	315X125X115

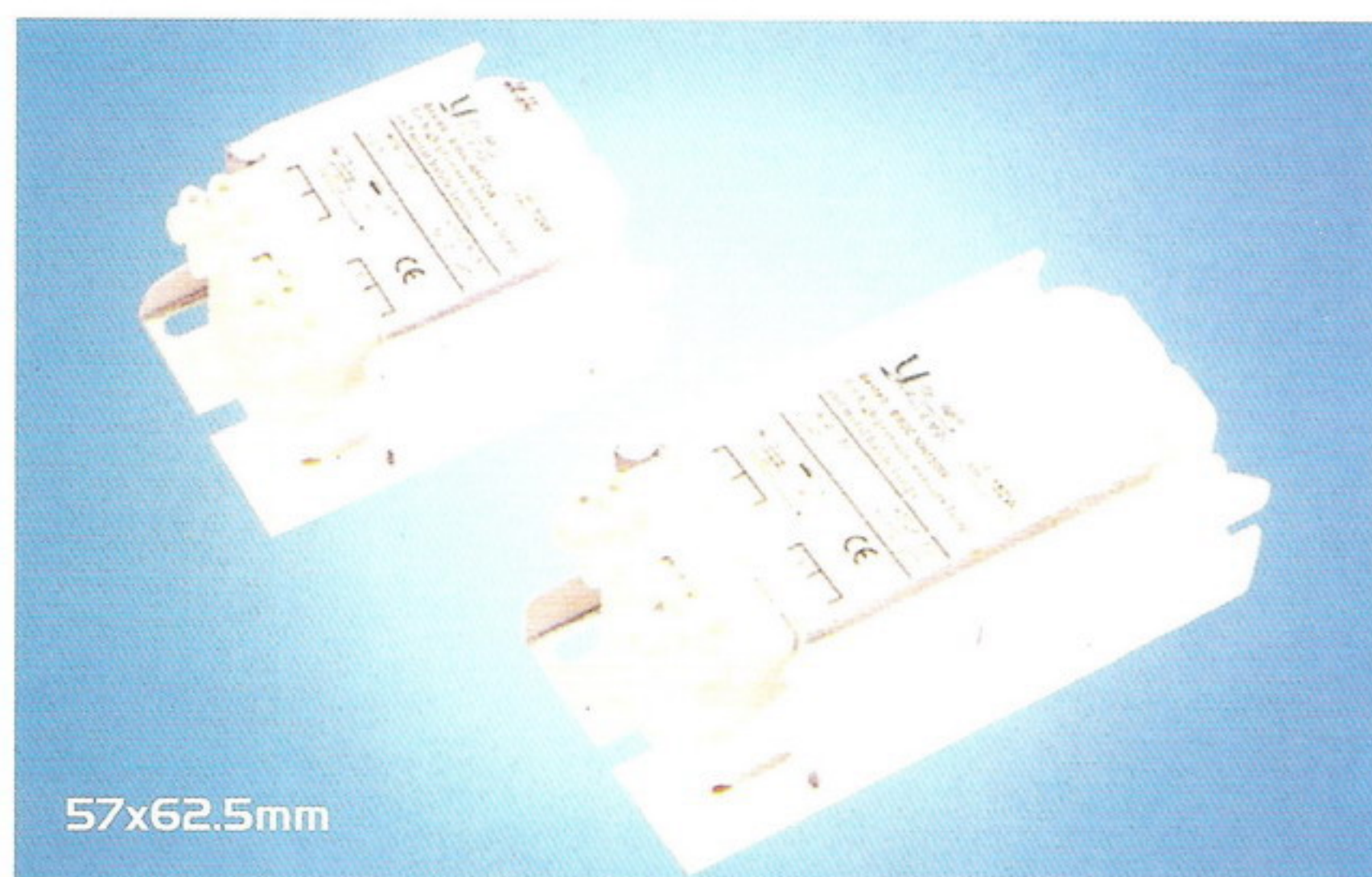


--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:73mmX88mm
- tw 130

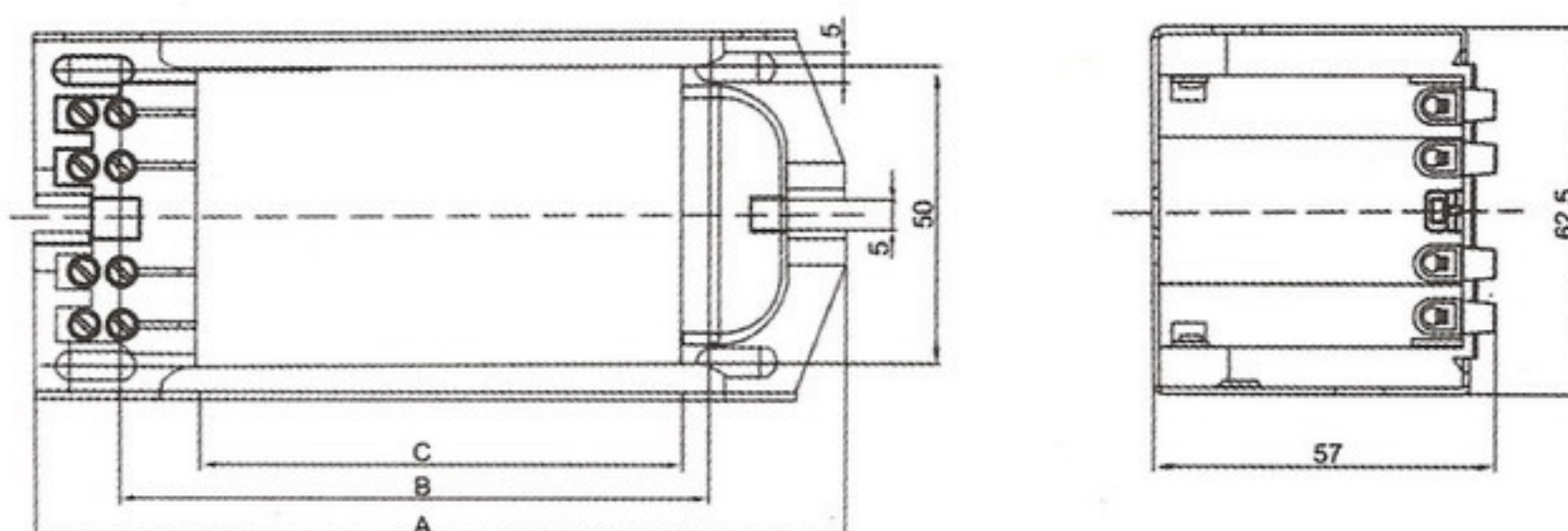


Ballasts					Capacitor	Lamp			
Type	A(mm)	B(mm)	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current(A)	Quantity/Cartron(Pcs)	Packaging(Mess mm)
220V,230V,240V,50Hz,60Hz									
EI-HPS 70	150	92	2.46	75	18	150	1.80	8	360X126X155
EI-MH 250	250	92	2.60	75	18	250	2.13	8	360X125X155
EI-HPS 250	250	117	3.56	80	32	250	3.00	6	275X148X155
EI-MH 400	400	117	3.70	80	32	400	3.40/3.25	6	275X148X155



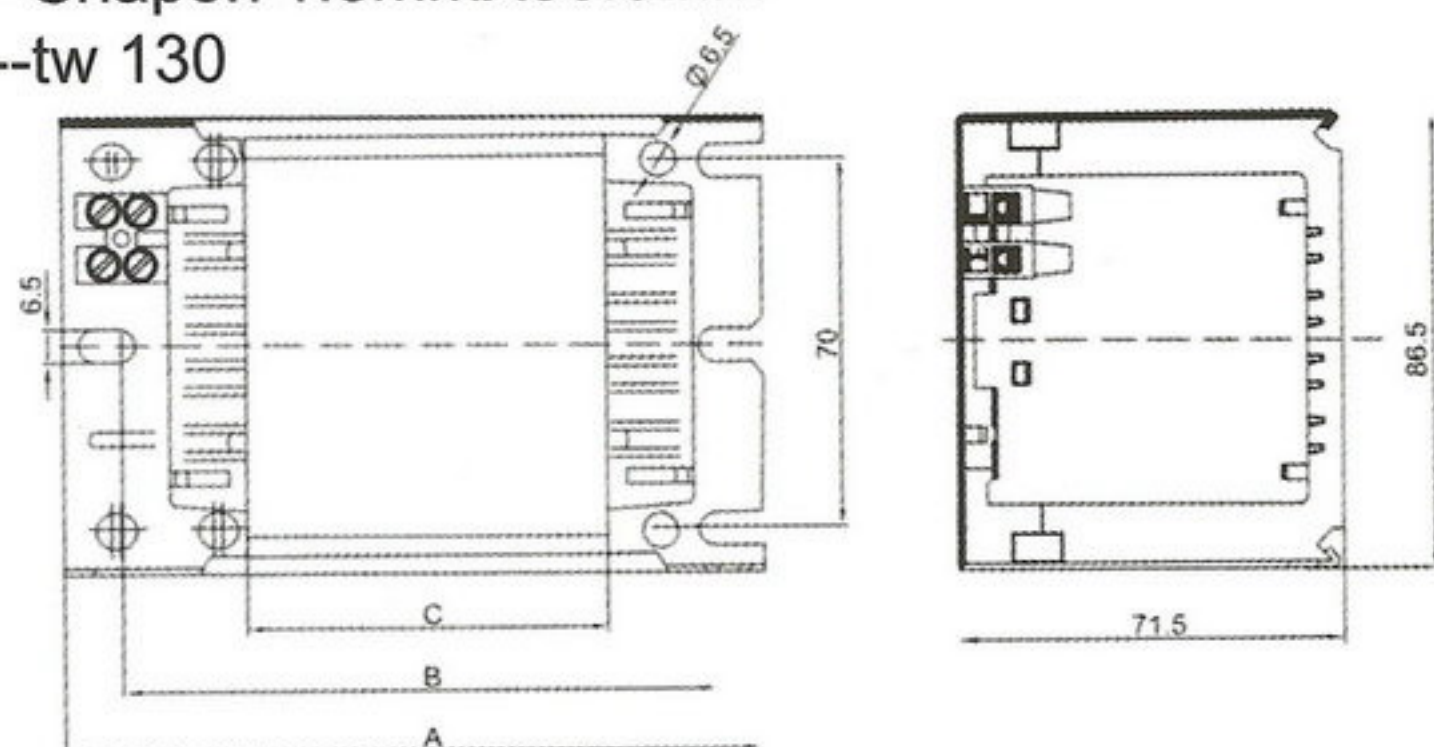
--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:57mmX62.5mm
- tw 130TE-HPSz



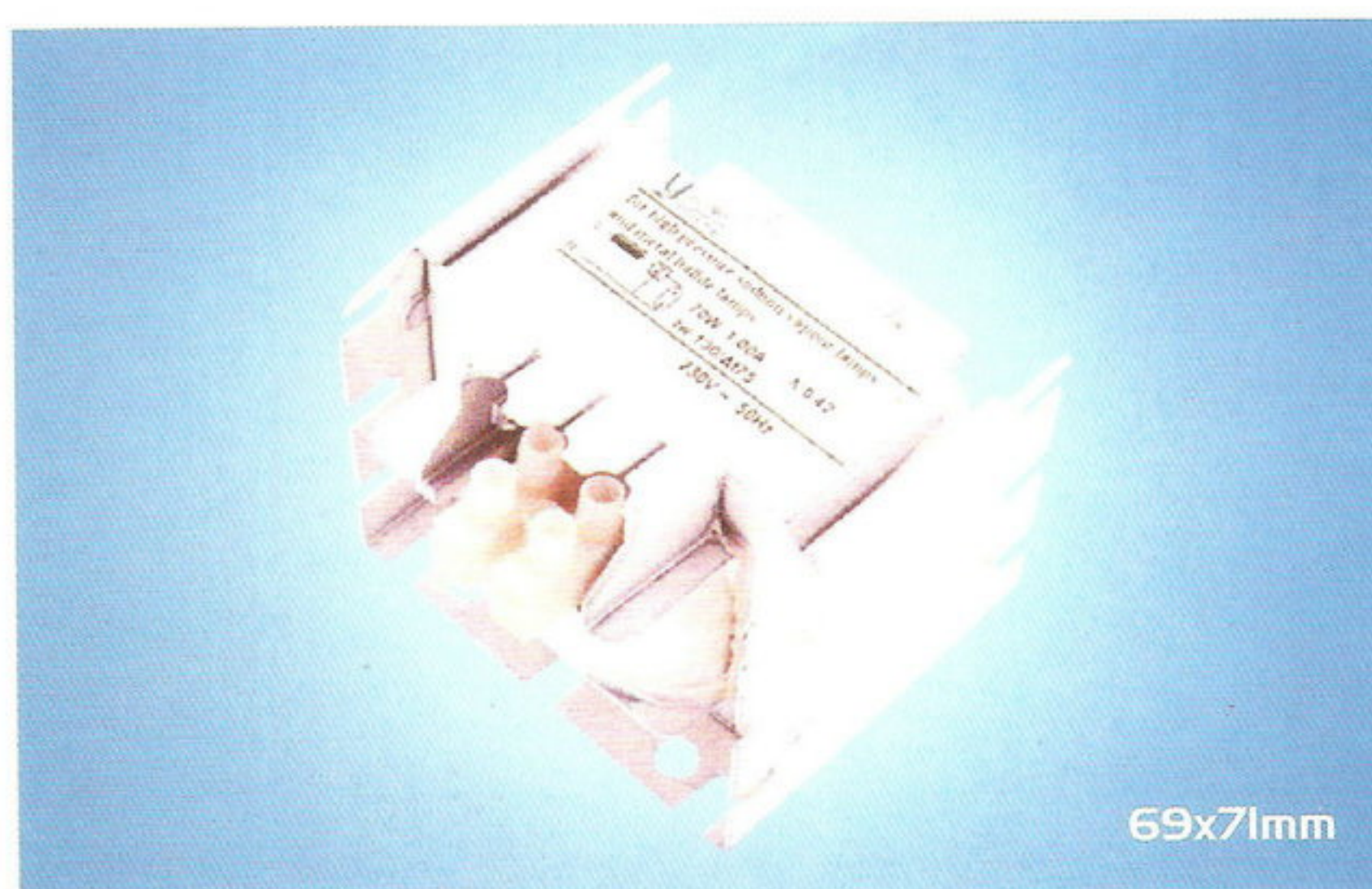
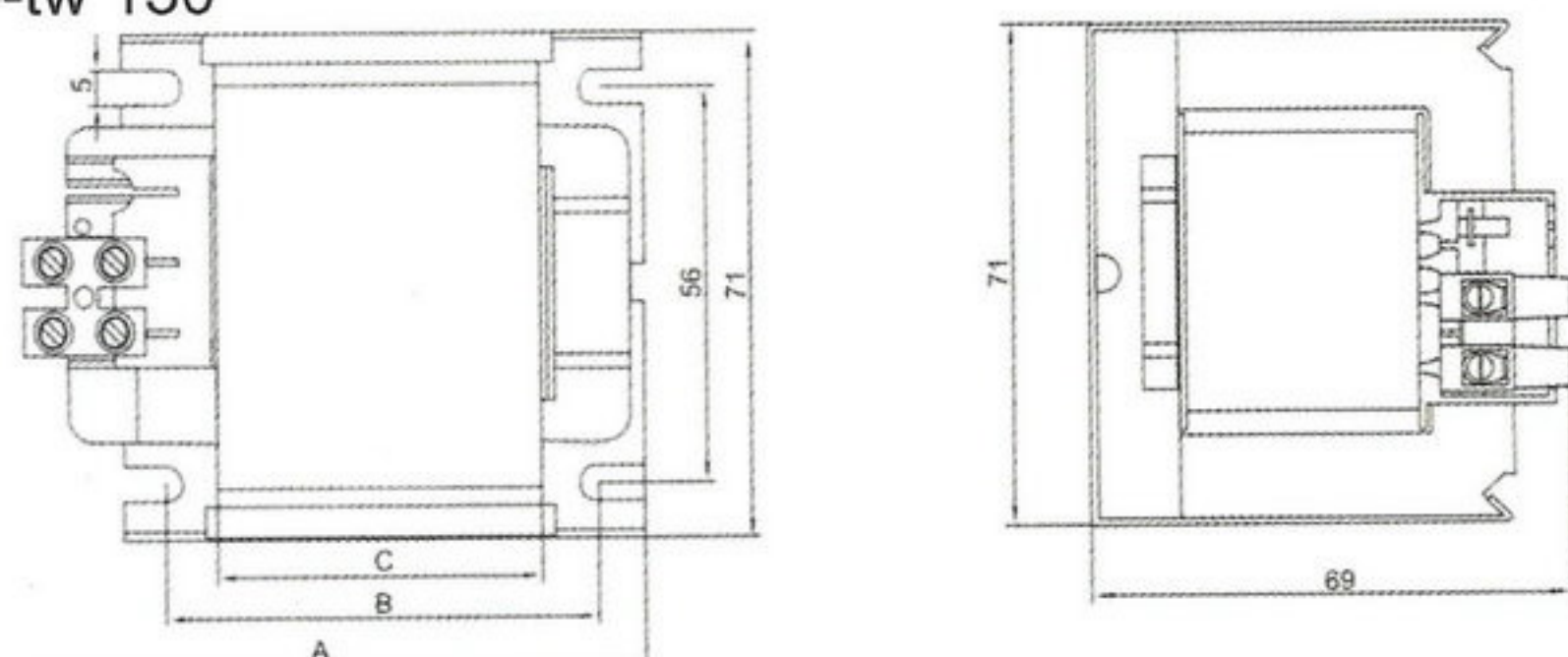
Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	Cmm	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current(A)	Quantity/Cartron(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
EI60C-MH 70	100	85	45	1.22	75	12	70	1.00	10	295X112X140
EI60C-HM 125	100	85	45	1.22	75	12	125	1.15	10	295X112X140
EI60C-MH 150	135	120	80	2.10	75	18	150	1.80	8	240X150X140

- Electromagnetic ballasts for HID lamp
- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:71.5mmX86.5mm
- tw 130

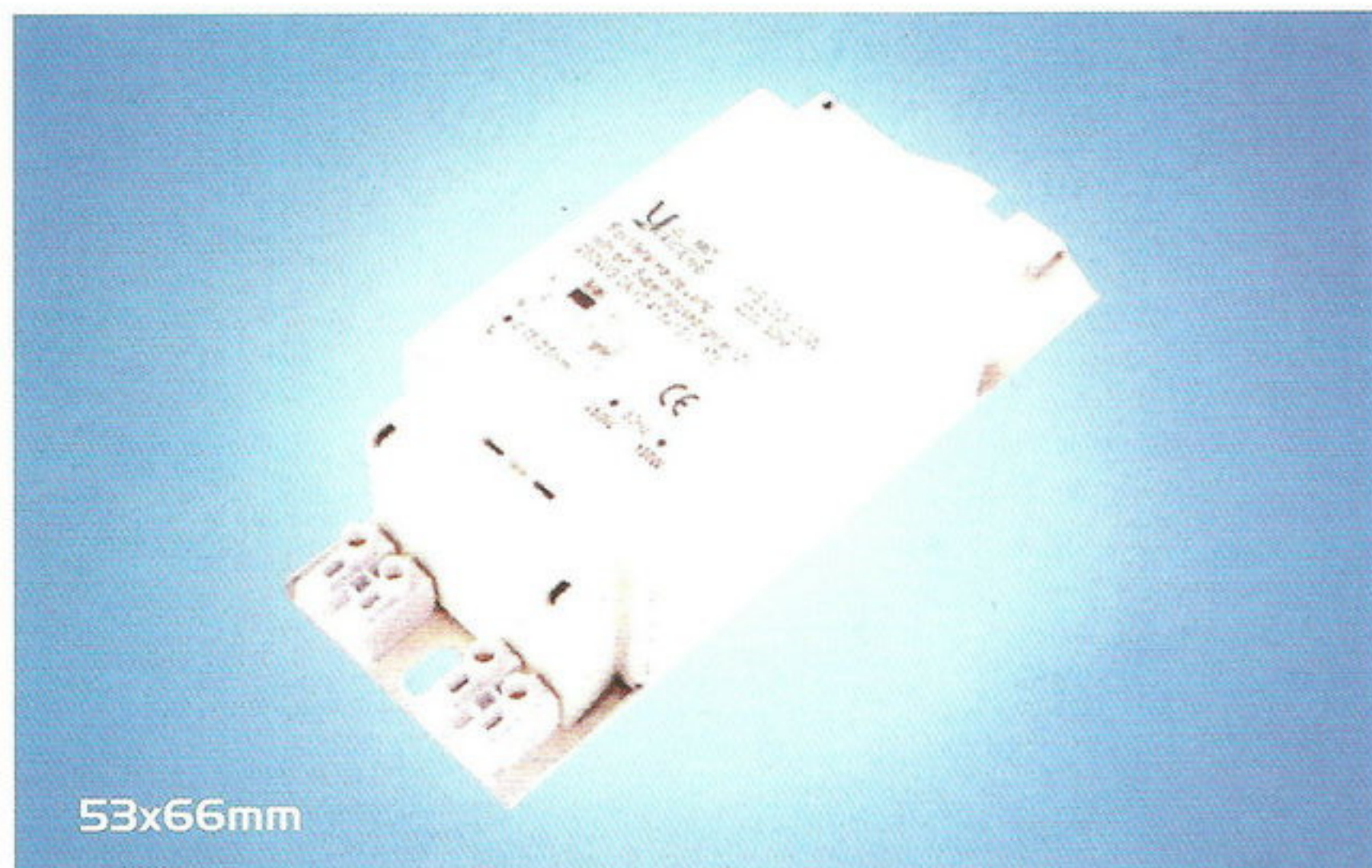


Ballasts				Capacitor		Lamp				
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
EI84C-HPS 150	115	95	50	2.20	70	18	150	1.80	8	355X130X160
EI84C-MH 250	115	95	50	2.25	70	18	250	2.13	8	355X130X160
EI84C-HPS 250	135	115	70	3.10	75	32	250	3.00	6	270X150X160
EI84C-MH 400	135	115	70	3.20	75	30	400	3.40/3.25	6	270X150X160

- Electromagnetic ballasts for HID lamp
- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:69mmX71mm
- tw 130

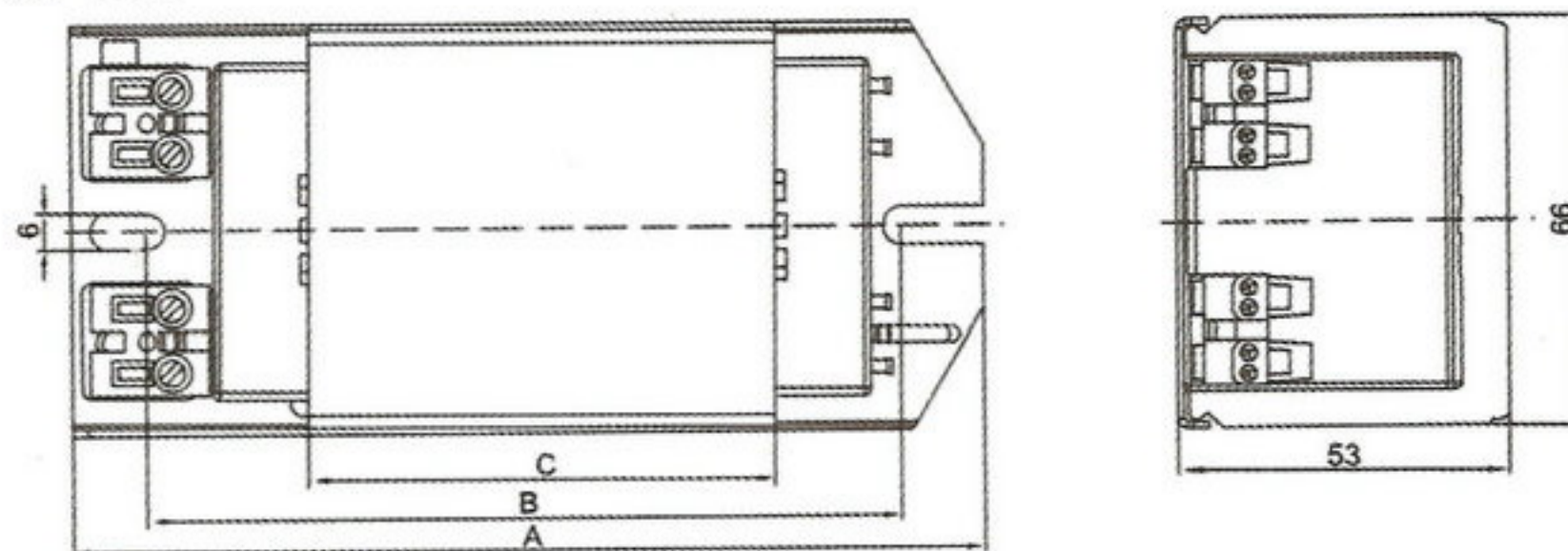


Ballasts				Capacitor		Lamp				
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
RB69-HPS 50	60	51	31	1.10	60	110	50	0.76	12	410X65X150
RB69-HPS 70	60	51	31	1.10	70	12	70	1.00	12	410X65X150
RB69-HM 80	60	51	31	1.10	60	8	80	0.80	12	410X65X150
RB69-HM 125	75	62	46	1.30	65	12	125	1.15	12	410X80X150



53x66mm

- Electromagnetic ballasts for HID lamp
- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:53mmX66mm
- tw 130

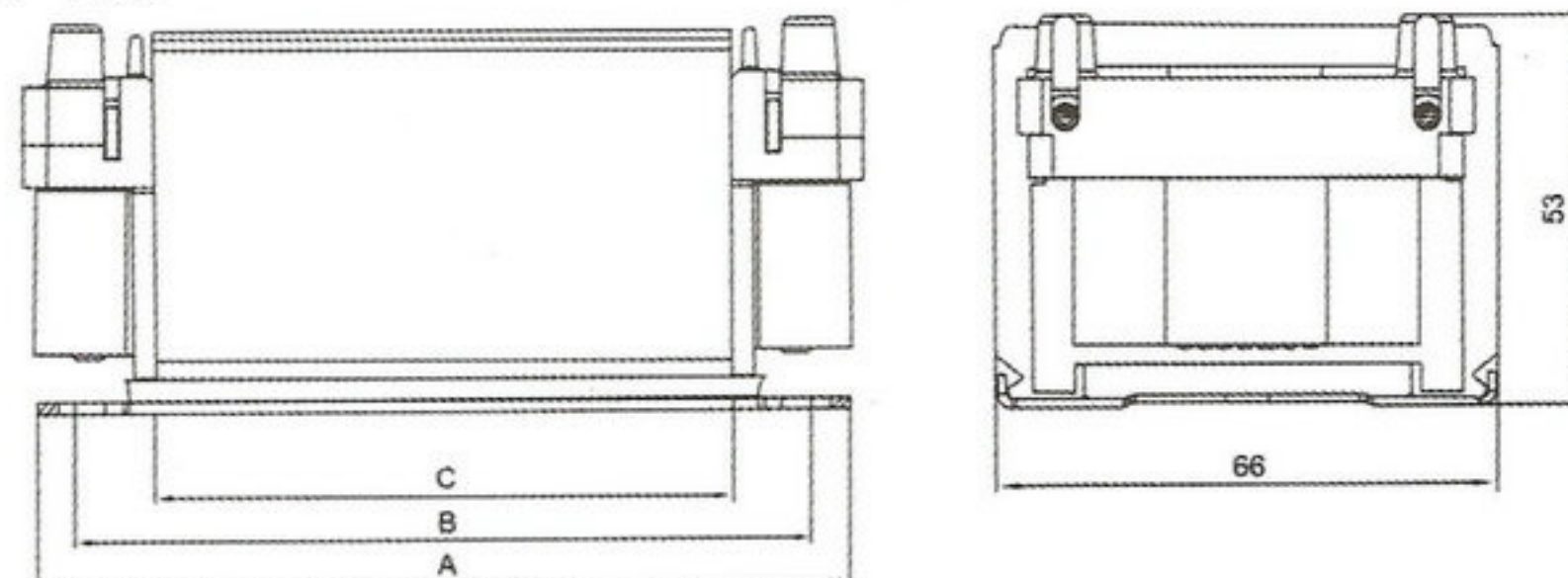


Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
TE-HPS 250/150	148	155	110	3.2	85/70	32/18	250/150	3.0/1.8	6	205X185X112
TE-HPS 150/100	145	120	76	2.0	75/65	20/12	150/150	1.8/1.2	10	345X150X112
TE-MH 100/70	145	120	55	1.6	75/60	12/12	100/70	1.2/1.0	10	345X150X112
TE-HM 125/80	122	86	43	1.3	75/60	12/8	150/80	1.15/0.80	10	345X115X112
TE-MH 80/50	122	86	36	1.1	70/55	8/7	80/50	0.80/0.61	10	345X115X112



66x53mm

- Electromagnetic ballasts for HID lamp
- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:66mmX53mm
- tw 130



Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
TE66D-HPS 35	107	97	28	0.86	60	6	35	0.53	10	345X115X112
TE66D-MH 35	107	97	28	0.86	60	6	35	0.53	10	345X115X112
TE66D-HM 50	107	97	28	0.86	60	7	50	0.62	10	345X115X112
TE66D-HPS 50	107	97	37	0.95	60	9	50	0.76	10	345X115X112
TE66D-MH 50	107	97	37	0.95	60	9	50	0.76	10	345X115X112
TE66D-HPS 70	107	97	43	1.21	70	12	70	1.00	10	345X115X112
TE66D-HI 70	107	97	43	1.21	70	12	70	1.00	10	345X115X112
TE66D-HM 80	107	97	37	0.95	65	8	80	0.80	10	345X115X112
TE66D-MH 125	107	97	43	1.21	70	12	125	1.15	10	345X115X112
TE66D-HPS 100	107	97	55	1.21	70	12	100	1.20	10	345X115X112
TE66D-HPS 150	107	97	76	2.10	75	20	150	1.80	10	345X115X112
TE66D-HI 150	107	97	76	2.10	75	20	150	1.80	10	345X115X112

BALLAST

CAIDEAL

--Electromagnetic ballasts for HID lamp

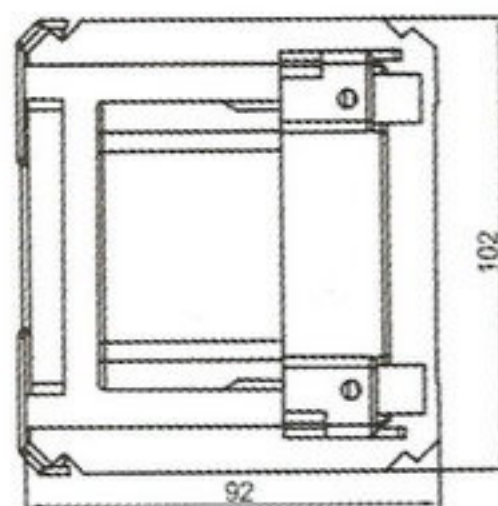
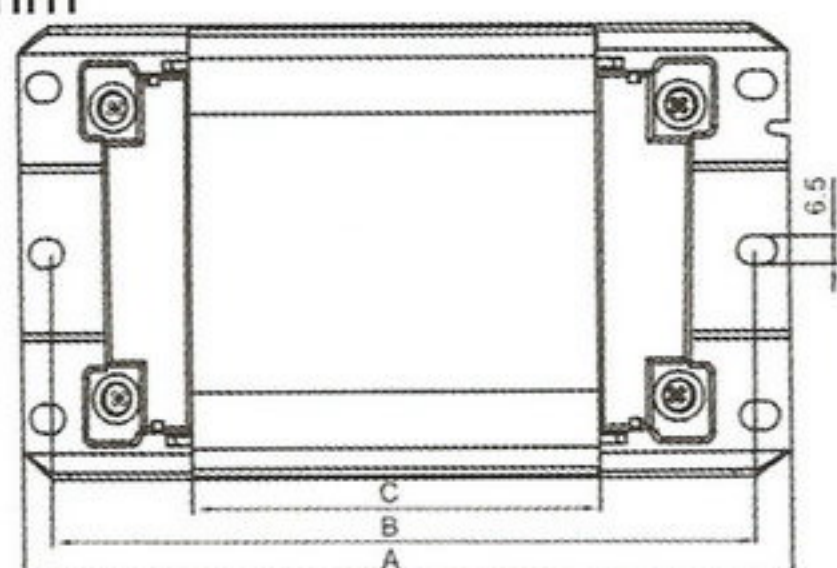
--For HPS (high-pressure sodium)discharge lamp

HI/MH (high-pressure metal halide)discharge lamp

HM (high-pressure mercury vapour)discharge lamp

--Shape:92mmX102mm

--tw 130



Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
TEA-MH 250	133	120	39	2.80	70	18	250	2.13	4	375X140X110
TEA-HPS 250	133	120	44	3.00	75	32	250	3.00	4	375X140X110
TEA-MH 400	133	120	50	3.90	70	30	400	3.40/3.25	4	375X140X110
TEA-HPS 400	133	120	60	4.60	75	50	400	4.45	4	375X140X110
TEA-HPS 400	133	120	68	4.80	75	50	400	4.45	4	375X140X110
TEA-HPS 600	173	160	90	6.60	80	65	600	6.20	3	315X180X100
TEA-HM 700	173	160	90	6.50	75	40	700	5.40	3	315X180X100
TEA-HM 1000	203	190	135	9.40	75	60	1000	7.50	2	210X210X100
TEA-MH 1000	203	190	135	9.60	75	65	1000	8.25	2	210X210X100
TEA-HPS 1000	203	190	165	11.6	75	100	1000	10.3	2	210X210X100
220V,60Hz										
TEA-HPS 250	120	120	39	2.80	70	25	250	3.00	4	375X140X110
TEA-HPS 400	120	120	55	4.50	70	50	400	4.45	4	375X140X110
TEA-HPS 1000	190	190	135	9.50	80	85	1000	10.3	2	210X210X100

--Electromagnetic ballasts for HID lamp

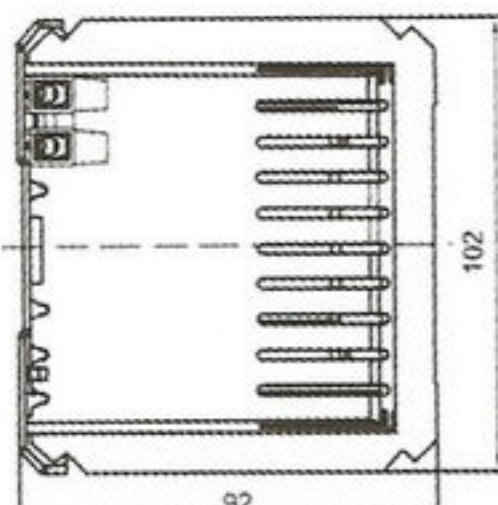
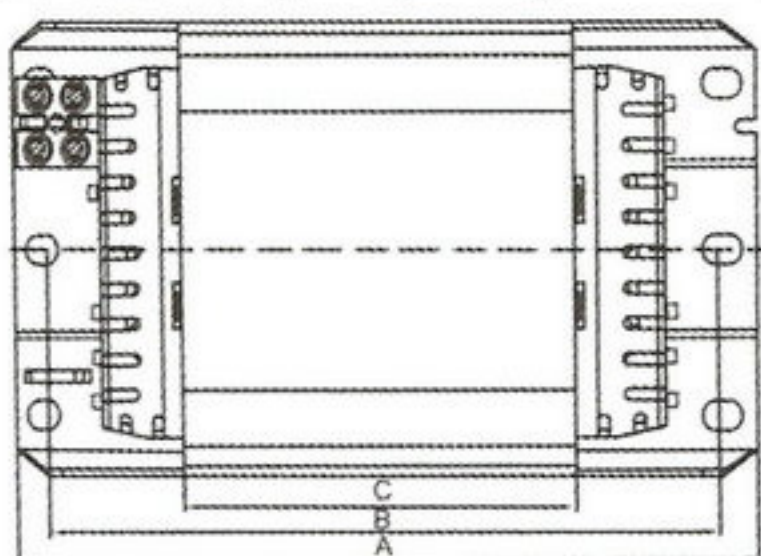
--For HPS (high-pressure sodium)discharge lamp

HI/MH (high-pressure metal halide)discharge lamp

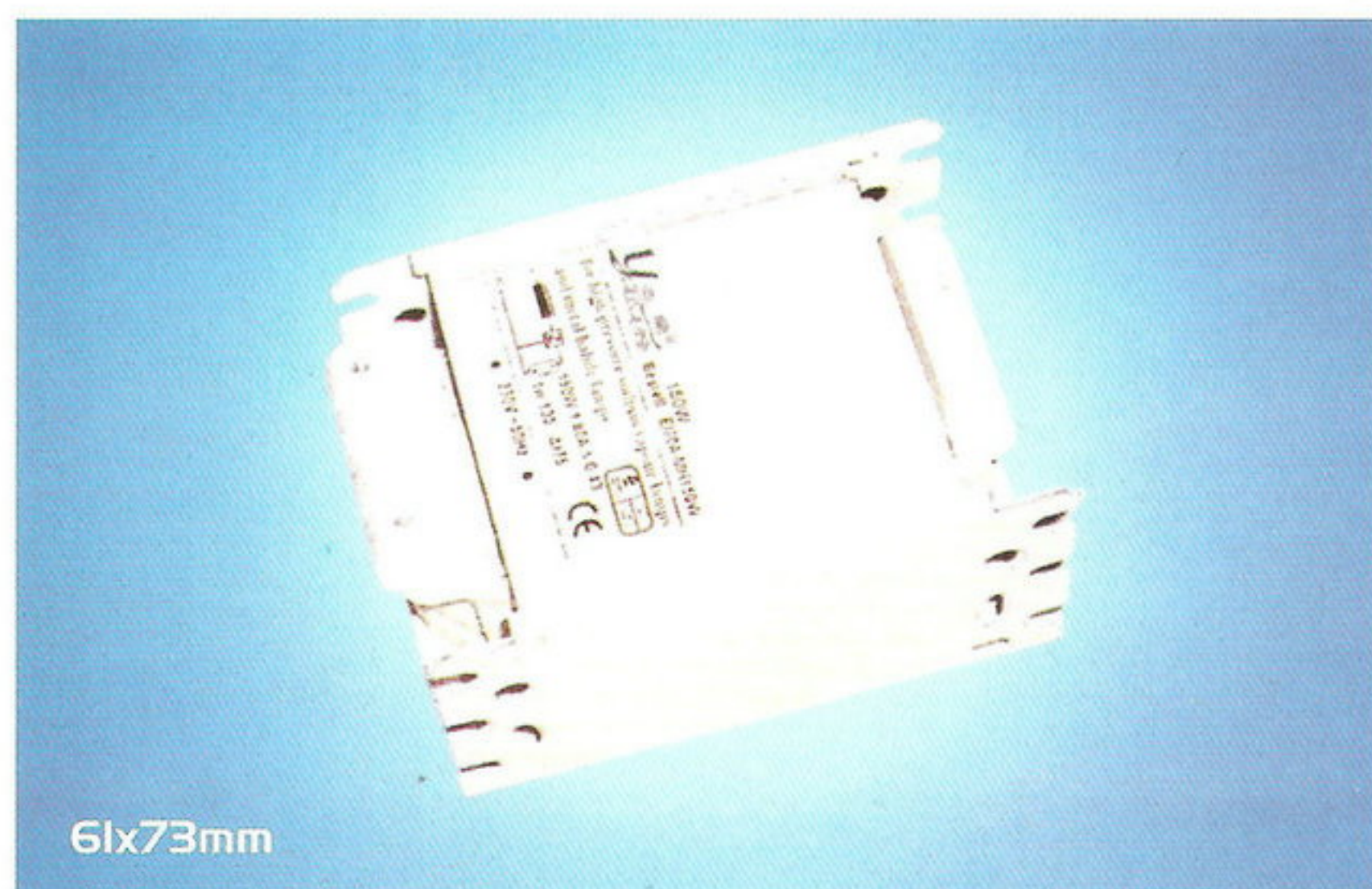
HM (high-pressure mercury vapour)discharge lamp

--Shape:92mmX102mm

--tw 130

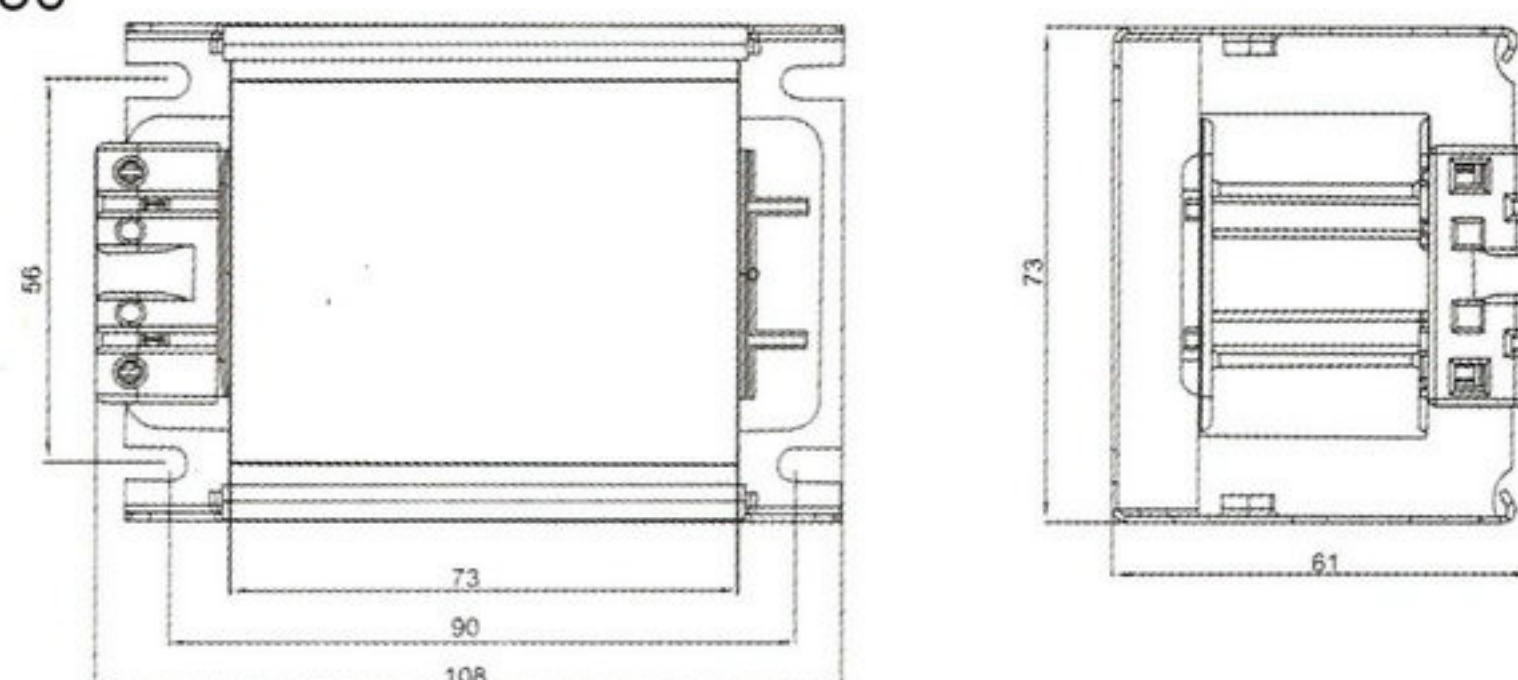


Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
TEB-MH 250	148	135	39	2.80	70	18	250	2.13	4	375X153X110
TEB-HPS 250	148	135	44	3.00	75	32	250	3.00	4	375X153X110
TEB-MH 400	148	135	50	3.90	70	30	400	3.40/3.25	4	375X153X110
TEB-HPS 400	148	135	60	4.60	75	50	400	4.45	4	375X153X110
TEB-HPS 400	148	135	68	4.80	75	50	400	4.45	4	375X153X110
TEB-HPS 600	173	160	90	6.60	80	65	600	6.20	3	315X178X100
TEB-HM 700	173	160	90	6.50	75	40	700	5.40	3	375X178X100
220V,60Hz										
TEB-MH 250	148	135	39	2.80	70	25	250	3.00	4	375X153X110
TEB-HPS 400	148	135	55	4.50	70	50	400	4.45	4	375X153X110



--Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:61mmX73mm
- tw 130

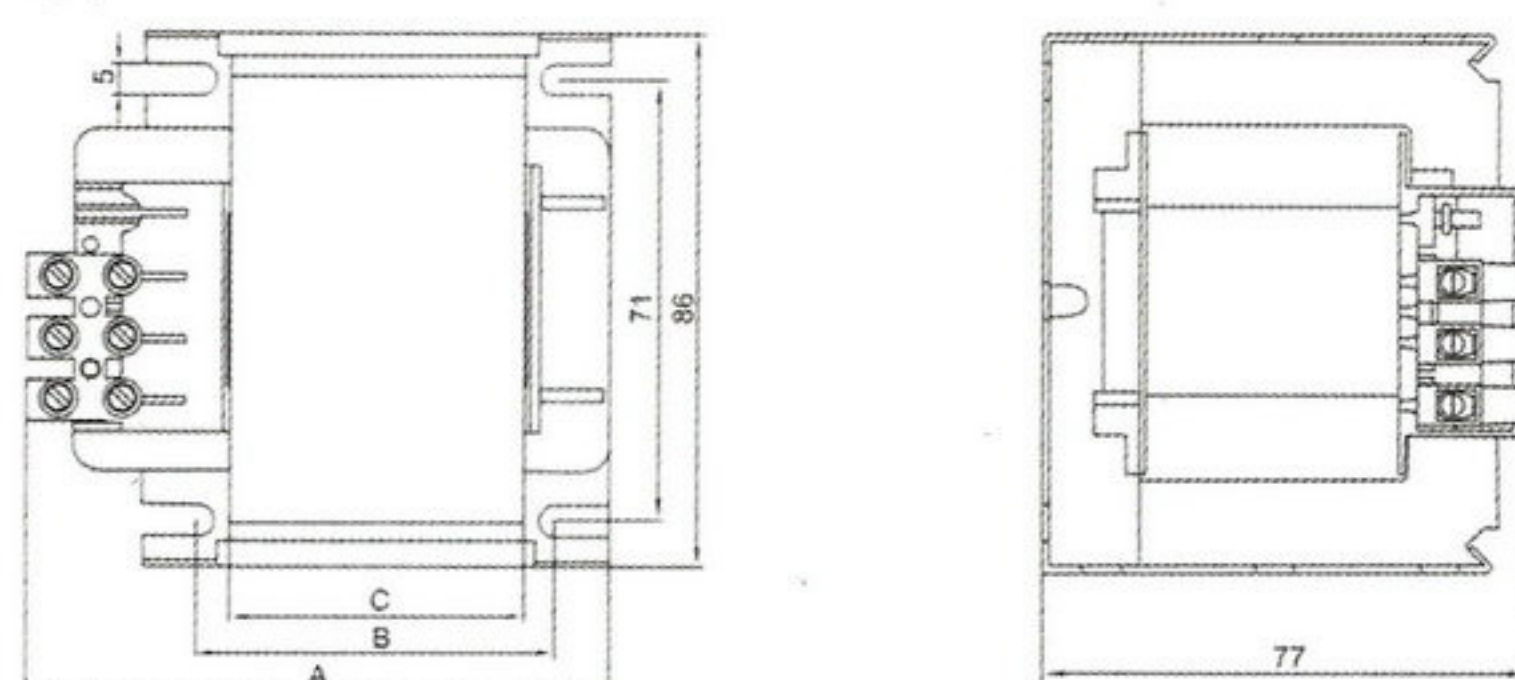


Ballasts			Capacitor	Lamp			
Type	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Qu)antity/Cartron(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz							
RB70A-HPS 150	2.30	70	20	150	1.80	6	230X120X130
HI 150	2.30	70	20	150	1.80	6	230X120X130



--Electromagnetic ballasts for HID lamp

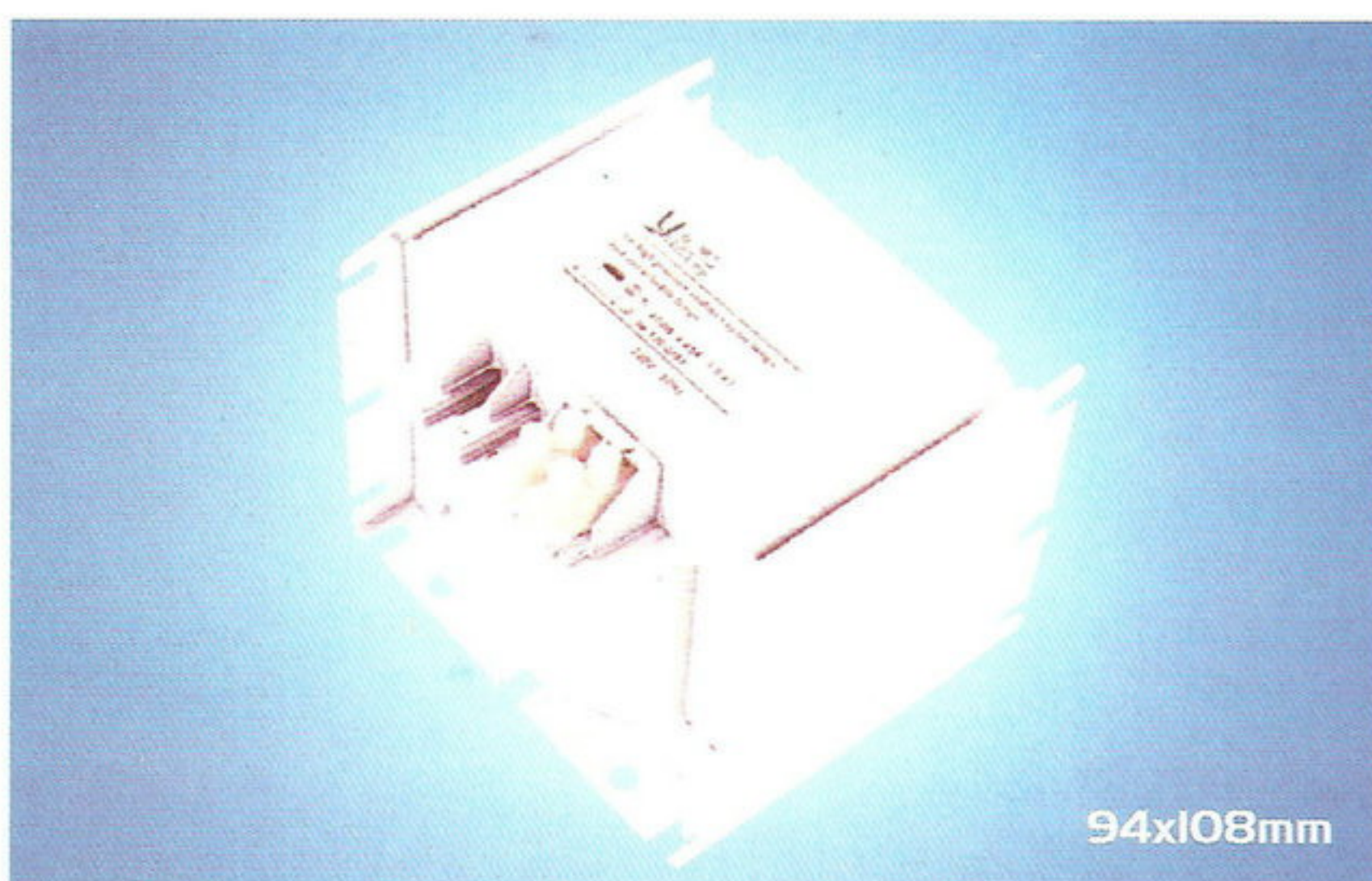
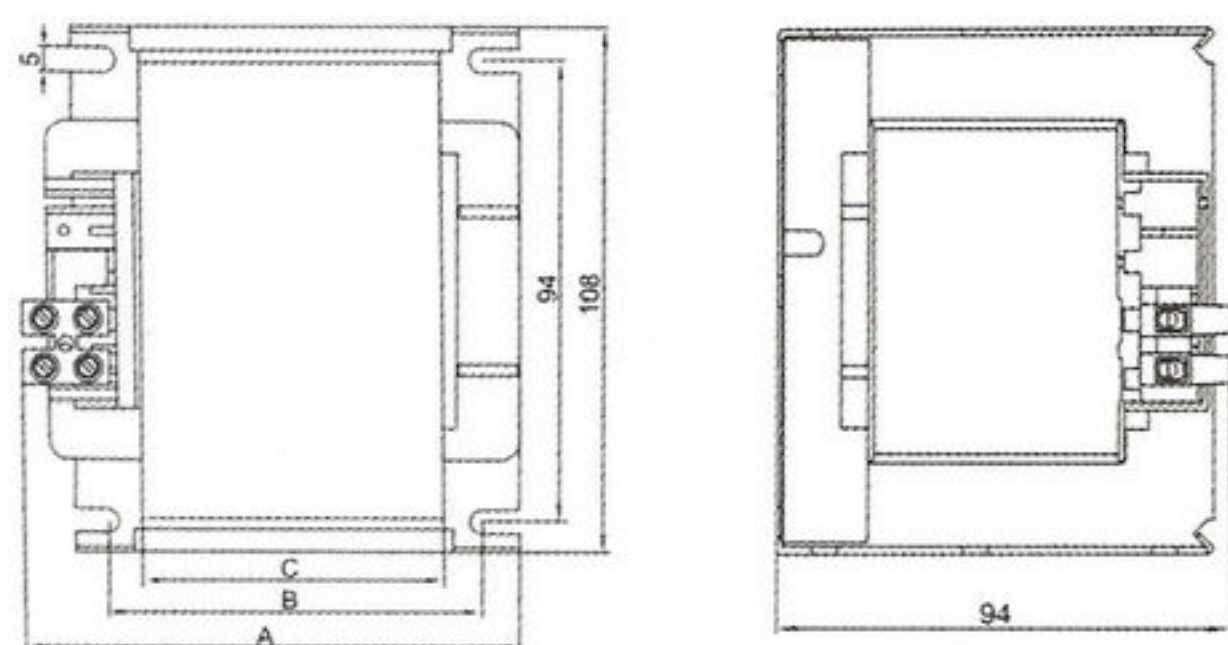
- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:77mmX86mm
- tw 130



Ballasts						Capacitor	Lamp			
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	△t(K)	Cp uf±10%	Output(W)	Current (A)	Quantity/Cartron(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
RB84- ^{HPS} _{MH} 150	74	57	46	2.40	75	18	150	1.80	8	310X80X185
RB84- ^{MH} _{HM} 250	74	57	46	2.40	75	20	250	2.13	8	310X80X185
RB84-HPS 250	96	80	70	3.30	75	32	250	3.00	8	310X100X185
RB84- ^{MH} _{HM} 400	96	80	70	3.30	75	30	400	3.25	8	310X100X185

-Electromagnetic ballasts for HID lamp

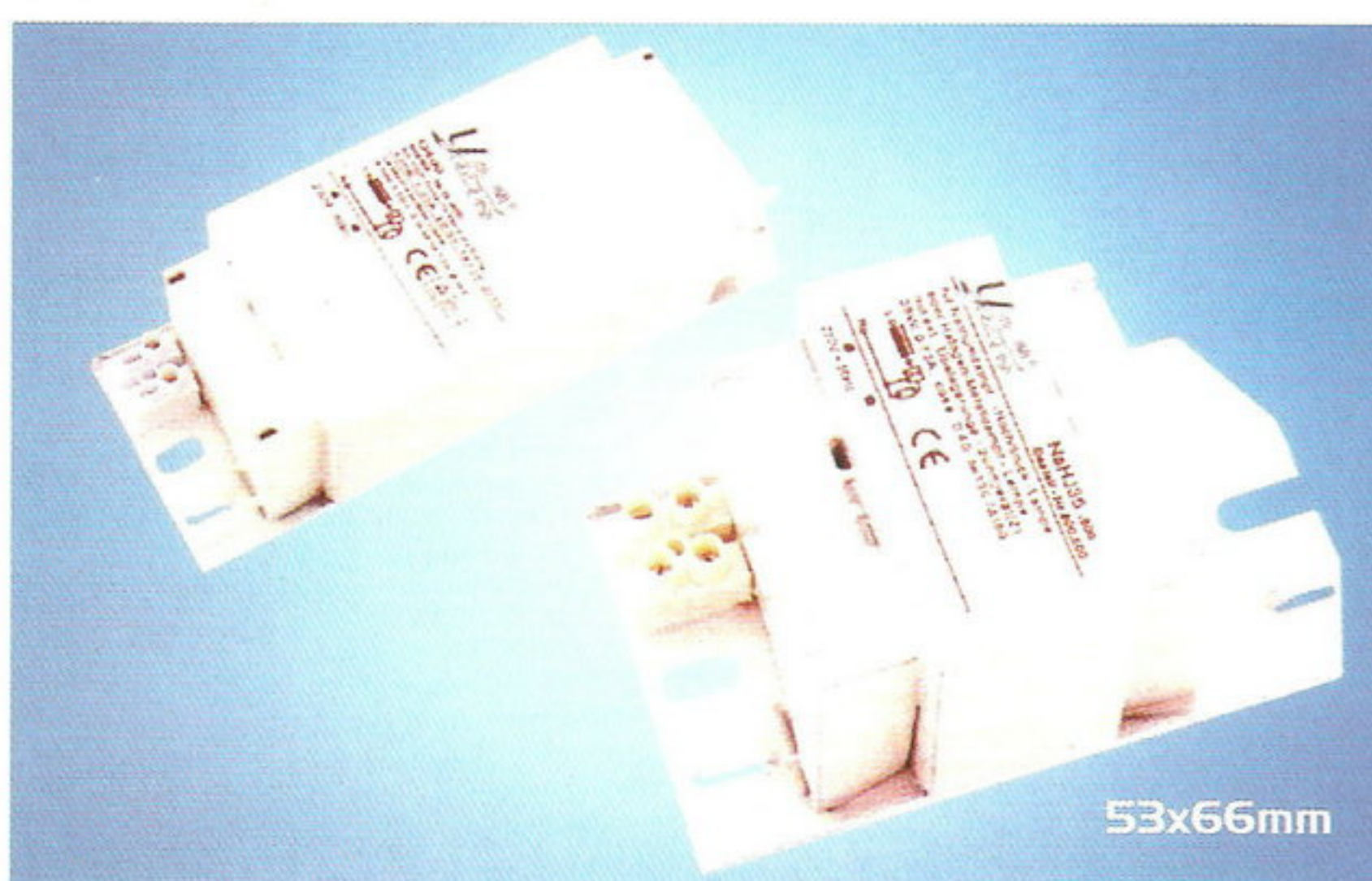
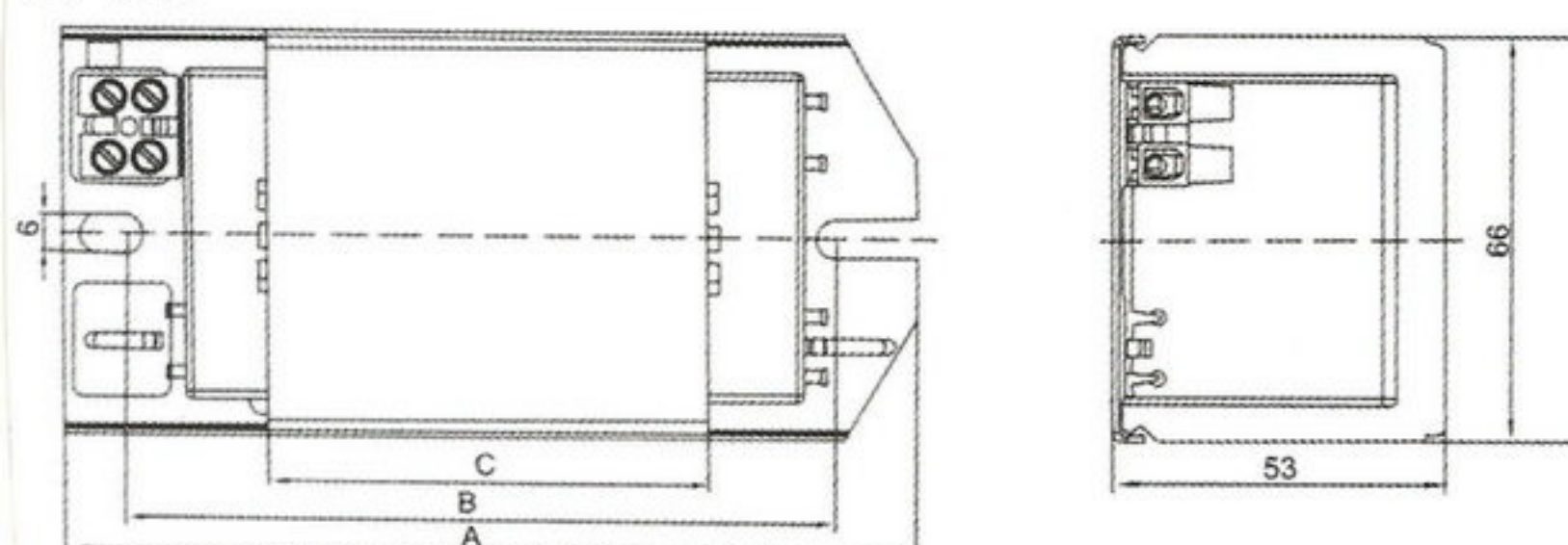
- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:94mmX108mm
- tw 130



Ballasts				Capacitor		Lamp				
Type	A(mm)	B(mm)	C(mm)	Weight(Kg)	$\Delta t(K)$	Cp uf $\pm 10\%$	Output(W)	Current(A)	Quantity/Carton(Pcs)	Packaging Mess(mm)
220V,230V,240V,50Hz,60Hz										
RB105-HPS 400	94	80	68	4.80	85	50	400	4.45	6	335X100X195

-Electromagnetic ballasts for HID lamp

- For HPS (high-pressure sodium)discharge lamp
- HI/MH (high-pressure metal halide)discharge lamp
- HM (high-pressure mercury vapour)discharge lamp
- Shape:53mmX66mm
- tw 130



Ballasts				Capacitor		Lamp				
Type	A mm	B mm	Cmm	Weight Kg	$\Delta t(K)$	Cp uf $\pm 10\%$	Output W	Current A	Quantity/Carton Pcs	Packaging Mess mm
220V,230V,240V,50Hz,60Hz										
TE-HPS 35	112	86	30	0.86	60	6	35	0.53	10	345X115X112
TE-HPS 50	112	86	37	0.95	65	9	50	0.76	10	345X115X112
TE-HPS 70	112	86	43	1.21	70	12	70	1.00	10	345X115X112
TE-HM 80	112	86	37	0.95	65	8	80	0.80	10	345X115X112
TE--HPS 100	145	120	55	1.51	70	12	100	1.20	10	345X150X112
TE--HM 125	112	86	43	1.21	75	12	125	1.15	10	345X150X112
TE-HPS 150	145	120	76	2.10	75	20	150	1.80	10	345X150X112
TE-HM 250	145	120	76	2.10	75	18	250	2.13	10	345X150X112
TE-HPS 250	180	155	110	2.90	80	32	250	3.00	6	205X185X112
TE-HM 400	180	155	110	3.00	80	30	400	3.40/3.25	6	205X185X112
TE-HPS 400	215	195	140	3.55	80	50	400	4.45	4	222X220X75
220V,60Hz										
TE-HPS 400	112	86	37	0.95	60	10	70	1.00	10	345X115X112
TE-HM 125	112	86	37	0.95	75	10	125	1.15	10	345X115X112
TE-HPS 150	145	120	76	1.90	65	10	150	1.80	10	345X150X112
TE-HM 400	180	155	110	2.90	75	25	400	3.40/3.25	6	205X185X112

Useful Information

DESCRIPTION CODES

CAIDEAL

HPS	High pressure sodium lamp
MH	Metal halide lamp
HM	High pressure mercury lamp
HMB	High pressure blended mercury lamp
U	Universal operating position
BU	Base up
H	Horizontal operating position
D	Day light color,6000K
N	Natural color,4200K
W	Warm color,3000K
ED##	ED Bulb shape
BT##	BT Bulb shape
ET##	ET Bulb shape
T##	T Bulb shape
TT##	TT Bulb shape
C	Coated
LU	Designing for American standard
NG	Designing for European standard
DE	Double and lamp-base at either end
HID	E27 and E40 based metal halide lamp
MED	Medium base
MH	Metal halide
MOG	Mogul base
PAR##	Parabolic reflector lamp-the numbe(##)is lamp's diameter in 1/8
R40	Reflector lamp-40 is lamp diameter in 1/8
4K	4200 Kelvin color
3K	3200 Kelvin color
5K	5200-5500 Kelvin color

Container Specification

INTERIOR MEASUREMENT			MAX. LOAD WEIGHT	CU FT3	CU M3
LENGTH	WIDTH	HEIGHT			
20'5.898M	8'2.352M	8'6"/2.385M	21,630KG	1170 1000	33.10 28
40'12.032M	8'2.352M	8'6"/2.385M	26,480KG	2383 2000	67.50 58
40'12.031M	8'2.352M	9'6"/2.690M	26,280KG	2690 2260	76.20 68

Diagram 1

Colortemperature	Feeling	Lights
<3,300K	Warmth	Incandescent lights quartz halogen lamps
3,300-5,000K	Middle	three primary colors fluorescent lights metal halide lamps
>5,000K	Cold	three primary colors fluorescent lights mercury lamps

Lighting basic

Name	Symbol	Unit	Explanation
Luminous Flux	Φ	Lm	The quantity a light generates per second is called light quantity.
Luminous Intensity	I	cd	The quantity a light transmits at a unit angle in a special direction is called light transmission.
Illumination Degree	E	Lm/m ²	Light flux per unit area of the object irradiated by the light source.
Brightness	L	cd/m ²	The quantity a light transmits at a unit angle in a special direction per area unit is called transmisson of light.
Avg. Life			Refers to the lasting hours before 50% of the lamp bulbs are damaged or do not light anymore.

LIGHTING TERMS:

1).COLOR TEMPERATURE(Kelvin)

Color temperature is indicated by absolute temperature, Kelvin. When a standard black body like iron is heated and the temperature rises up to a certain degree, the color starts to change gradually from red-light red-orange yellow-white-blue white-blue. With the feature of this photochromic changing, when the light color of a certain light source and the black body appear the same in photochromic at a certain temperature, the absolute temperature is called color temperature.(Diagram 1)

The photochromic starts to become red when the color temperature is below 3000K, which gives out a feeling of warmth. When the color temperature is above 5000K, the color starts to become blue, which gives people a feeling of cold.

Usually, people in the Subtropical Zone like the color temperature of above 4000K while people in Frigid Zone prefer the color temperature below 4000K.

2).Developing Feature(Ra)

The degree of the light presents to the color of the objects is called the color developing, that is, the degree of the color's vividness, The higher the color developing quality of the light, the better it presents the color. So the color we see is closer to the natural color, On the contrary, the lower the color developing quality of the light, the worse it presents the color. So the color we see is quite different from the natural color.

Why is the color developing low or high? The key lies in the light splitting feature of the light ray. The wavelength of the visible light is in the range of 380nm to 760nm, that is the color range we can see in the light spectrum of red, orange, yellow, green, blue, black and purple. If the proportions of all the colors of the rays the light emits are close to those of the natural colors, the colors we see are more vivid.

If you choose unsuitable lights, even well-chosen decoration, furnishing, artwork and clothes will lose their beauty.

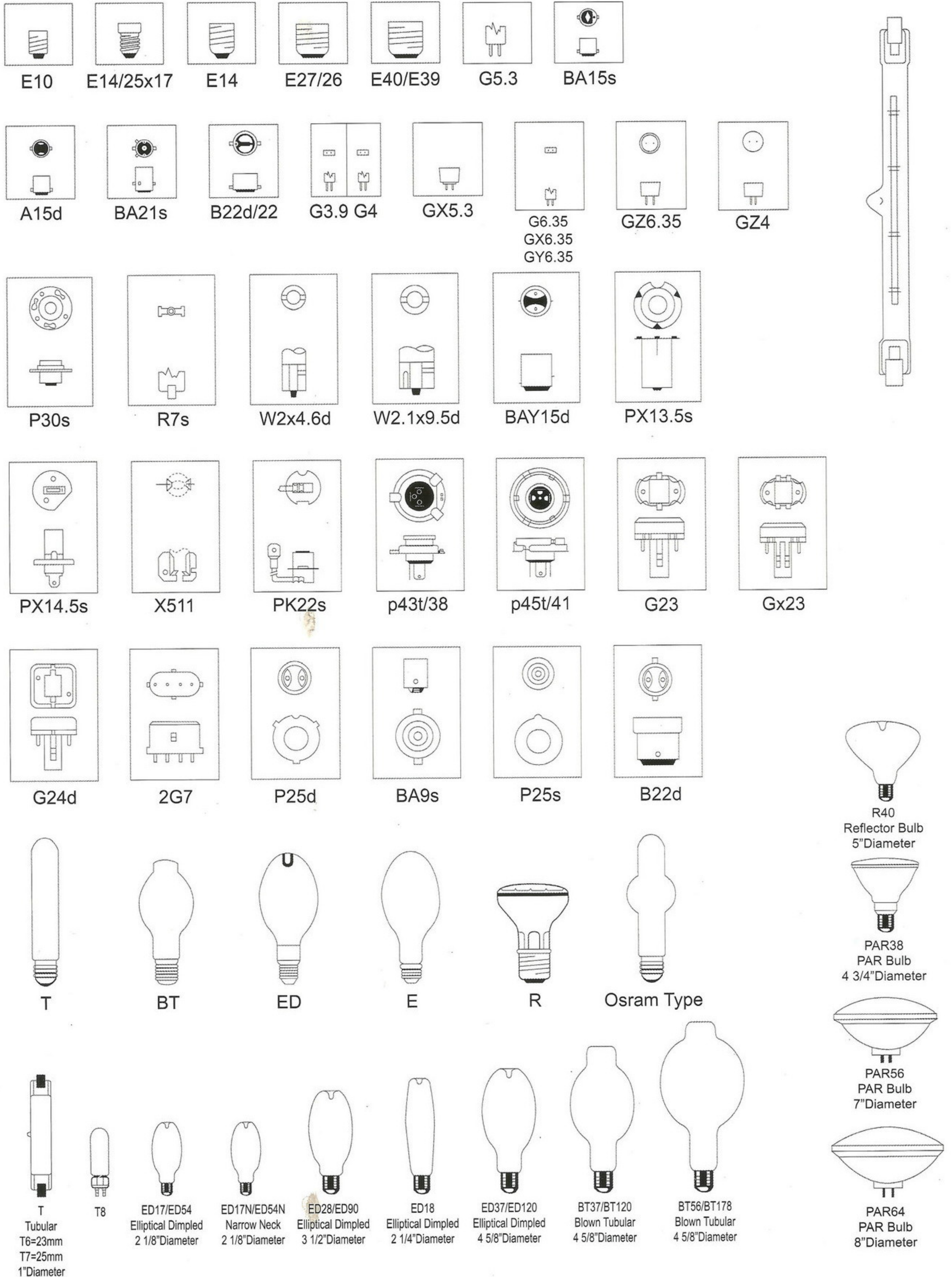
3). Light Efficiency(Lm/W)

$$\text{Light Efficiency(Lm/W)} = \frac{\text{Luminous Flux(Lm)}}{\text{Power Consumption(W)}}$$

The light efficiency is the rate of the light transmission against its power consumption, namely, the light quantity per watt. The higher the rate is, the higher the light's efficiency. So the efficiency of the light is a very important element for the places where lights will be used for a long time, such as offices, corridors, tunnels and the like.

Useful Information

Lamp Base Type & Glass Shell Type





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