

Işık uzmanlıktır

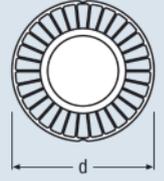
Sadece aydınlatmaya odaklanmış ve sekiz binin üzerinde patente sahip olan OSRAM, sektörün geleceğini tayin ediyor. OSRAM'ın lambaları ve aydınlatma sistemleri kullanıcılara her türlü uygulama için en uygun, güvenli ve etkin aydınlatma çözümünü sunuyor.

Işık OSRAM'dır





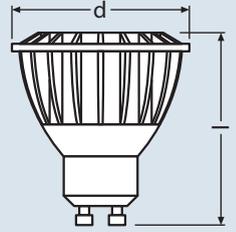
**PARATHOM® PRO
LEDspot 111**



Ürün Açıklaması Product Reference	W	lm	cd	K	R _a			$\frac{l}{[mm]}$	\varnothing [mm]	
PRO LEDspot 111 50 24° adv	12	500	3600	2700	80	GU53	yes	58.5	111	6
PRO LEDspot 111 50 24° adv	12	550	4000	3000	80	GU53	yes	58.5	111	6



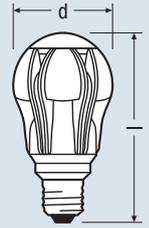
**LED STAR
PAR16**



Ürün Açıklaması Product Reference	W	lm	cd	K	R _a			$\frac{l}{[mm]}$	\varnothing [mm]	
PAR16 20	2.5	130	350	2700	80	GU10	no	53	50	6
PAR16 35	4.6	245	600	2700	80	GU10	no	53	50	6
PAR16 50	7.5	390	1000	2700	80	GU10	no	58	50	6



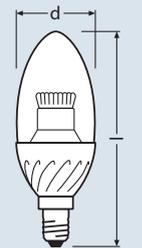
**LED STAR
CLASSIC A**



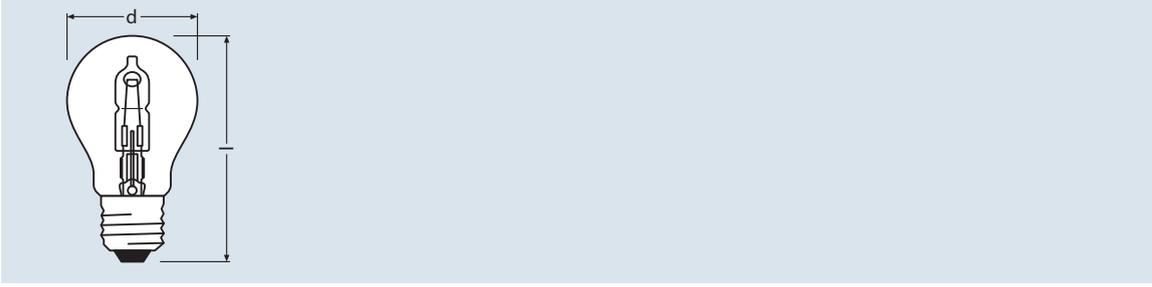
Ürün Açıklaması Product Reference	W	lm	K	R _a			$\frac{l}{[mm]}$	\varnothing [mm]	
CL A 25	4	250	2700	80	E27	no	110	60	6
CL A 40	7	470	2700	80	E27	no	110	60	6
CL A 60	10	810	2700	80	E27	no	110	60	6



**LED STAR
CLASSIC B CLEAR**



Ürün Açıklaması Product Reference	W	lm	K	R _a			$\frac{l}{[mm]}$	\varnothing [mm]	
CL B 25	4	250	2700	80	E14	no	97	38	6
CL B 40	6	470	2700	80	E14	no	110	38	6



Ürün Açıklaması
Product Reference

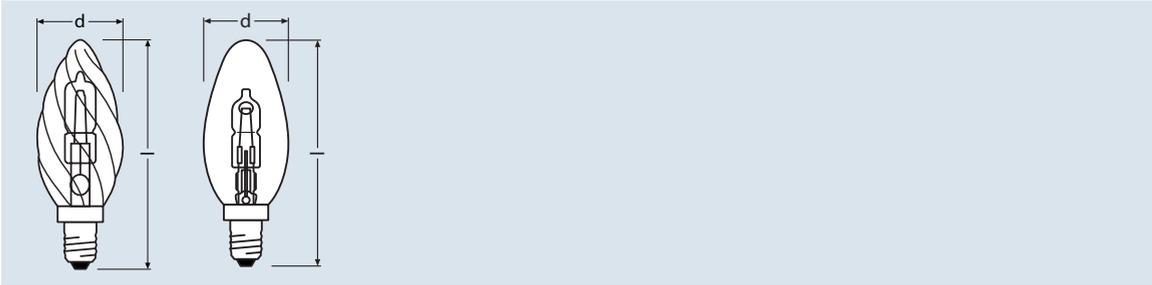
W V lm  \varnothing [mm] l [mm] 

HALOGEN ECO CLASSIC A Klasik normal ampuller yerine %30 enerji tasarruflu lambalar , 2000 saat ömürlü

64541 A ECO	20	230	170	E27	55	105	20
64542 A ECO	30	230	345	E27	55	105	20
64543 A ECO	46	230	630	E27	55	105	20
64544 A ECO	57	230	820	E27	55	105	20
64547 A ECO	77	230	1200	E27	55	105	20
64548 A ECO	116	230	1900	E27	55	105	20



HALOGEN ECO CLASSIC A



Ürün Açıklaması
Product Reference

W V lm  \varnothing [mm] l [mm] 

HALOGEN ECO CLASSIC B Klasik mum ampuller yerine %30 enerji tasarruflu lambalar , 2000 saat ömürlü

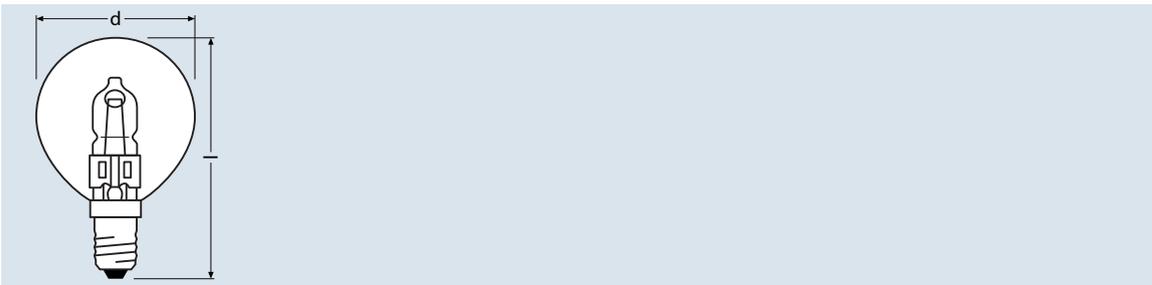
64541 B ECO	20	230	170	E14	35	104	20
64542 B ECO	30	230	345	E14	35	104	20
64543 B ECO	46	230	630	E14	35	104	20

HALOGEN ECO CLASSIC BW Klasik BW lambalar yerine % 30 enerji tasarruflu lambalar

64542 BW ECO	30	230	345	E14	35	104	20
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HALOGEN ECO CLASSIC B



Ürün Açıklaması
Product Reference

W V lm  \varnothing [mm] l [mm] 

HALOGEN ECO CLASSIC P Klasik top ampuller yerine %30 enerji tasarruflu lambalar , 2000 saat ömürlü

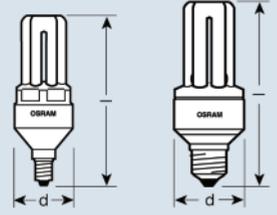
64541 P ECO	20	230	160	E14	45	80	20
64542 P ECO	30	230	320	E14	45	80	20
64543 P ECO	46	230	580	E14	45	80	20
64541 P ECO	20	230	220	E27	45	74	20
64542 P ECO	30	230	320	E27	45	74	20
64543 P ECO	46	230	580	E27	45	74	20



HALOGEN ECO CLASSIC P



DULUXSTAR



Ürün Açıklaması
Product Reference

OSRAM DULUXSTAR® (Tüp formunda,ekonomik fiyat, 8000 saat ömür)

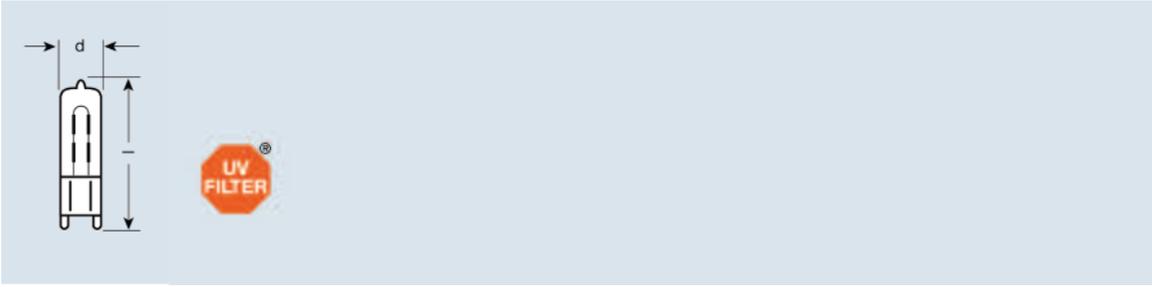
	W	V	K	lm		d [mm]	h [mm]	
DPRO 8W/865 220-240V E27 10X1 OSRAM	8	220-240	6500	400	E27	42	112	10
DPRO 8W/840 220-240V E27 10X1 OSRAM	8	220-240	4000	400	E27	43	112	10
DPRO 8W/840 220-240V E14 10X1 OSRAM	8	220-240	4000	400	E14	43	115	10
DPRO 8W/825 220-240V E27 10X1 OSRAM	8	220-240	2500	400	E27	43	112	10
DPRO 8W/825 220-240V E14 10X1 OSRAM	8	220-240	2500	400	E14	43	115	10
DSTAR 11W/827 220-240V E14 10X1 OSRAM	11	220-240	2700	600	E14	44	124	10
DSTAR 11W/827 220-240V E27 10X1 OSRAM	11	220-240	2700	600	E27	49	125	10
DSTAR 11W/865 220-240V E14 10X1 OSRAM	11	220-240	6500	540	E14	44	124	10
DSTAR 11W/865 220-240V E27 10X1 OSRAM	11	220-240	6500	550	E27	44	125	10
DSTAR 15W/827 220-240V E27 10X1 OSRAM	15	220-240	2700	840	E27	49	147	10
DSTAR 15W/865 220-240V E27 10X1 OSRAM	15	220-240	6500	800	E27	49	147	10
DSTAR 20W/827 220-240V E27 10X1 OSRAM	20	220-240	2700	1160	E27	49	152	10
DSTAR 20W/865 220-240V E27 10X1 OSRAM	20	220-240	6500	1152	E27	49	152	10



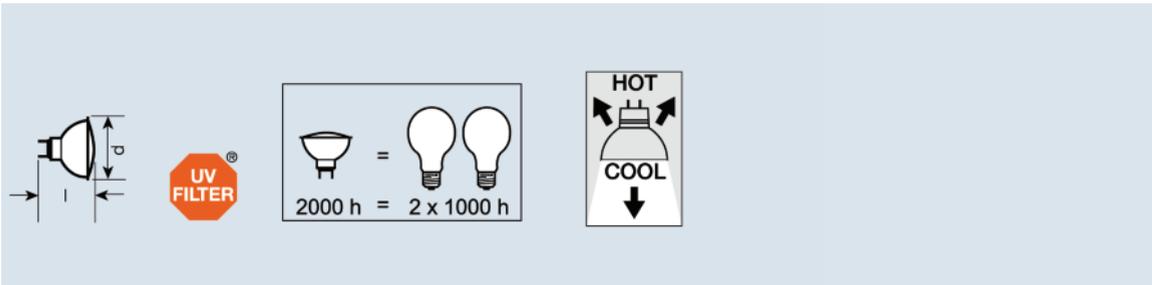
DSTAR TW

OSRAM DULUXSTAR® MINI TWIST (T3 Spiral formunda,ekonomik fiyat, 8000 saat ömür)

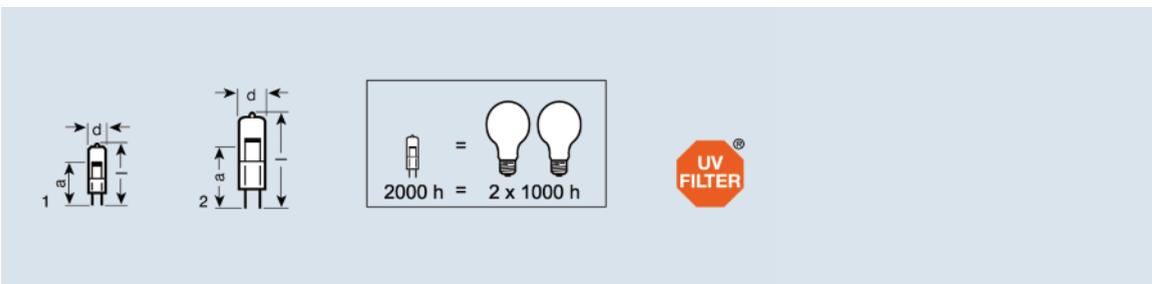
	W	V	K	lm		d [mm]	h [mm]	
DST MTW 8W/827 220-240V E14 10X1 TR OSRAM	8	220-240	2700	430	E14	41	92	10
DST MTW 8W/865 220-240V E14 10X1 TR OSRAM	8	220-240	6500	430	E14	41	92	10
DST MTW 8W/827 220-240V E27 10X1 TR OSRAM	8	220-240	2700	430	E27	41	88	10
DST MTW 8W/865 220-240V E27 10X1 TR OSRAM	8	220-240	6500	430	E27	41	88	10
DST MTW 12W/827 220-240V E14 10X1 TR OSRAM	12	220-240	2700	650	E14	41	103	10
DST MTW 12W/865 220-240V E14 10X1 TR OSRAM	12	220-240	6500	650	E14	41	103	10
DST MTW 12W/827 220-240V E27 10X1 TR OSRAM	12	220-240	2700	650	E27	41	99	10
DST MTW 12W/865 220-240V E27 10X1 TR OSRAM	12	220-240	6500	650	E27	41	99	10
DST MTW 15W/827 220-240V E27 10X1 TR OSRAM	15	220-240	2700	900	E27	41	103	10
DST MTW 15W/840 220-240V E27 10X1 TR OSRAM	15	220-240	4000	900	E27	41	103	10
DST MTW 15W/865 220-240V E27 10X1 TR OSRAM	15	220-240	6500	900	E27	41	103	10
DST MTW 20W/827 220-240V E27 10X1 TR OSRAM	20	220-240	2700	1300	E27	54	108	10
DST MTW 20W/840 220-240V E27 10X1 TR OSRAM	20	220-240	4000	1300	E27	54	108	10
DST MTW 20W/865 220-240V E27 10X1 TR OSRAM	20	220-240	6500	1300	E27	54	108	10
DST MTW 23W/827 220-240V E27 10X1 TR OSRAM	23	220-240	2700	1600	E27	54	116	10
DST MTW 23W/840 220-240V E27 10X1 TR OSRAM	23	220-240	4000	1600	E27	54	116	10
DST MTW 23W/865 220-240V E27 10X1 TR OSRAM	23	220-240	6500	1600	E27	54	116	10



Ürün Açıklaması Product Reference	W	V	lm		d [mm]	l [mm]	
HALOPIN® ECO Şebeke gerilimi ile çalışır, 2000 saat ömür.							
66720 ECO	20	230	200	G9	14	43	20
66733 ECO	33	230	460	G9	14	43	20
66748 ECO	48	230	740	G9	14	51	20
66760 ECO	60	230	980	G9	14	51	20


HALOPIN


Ürün Açıklaması Product Reference	W	V	cd	t[h]			d [mm]	l max [mm]	
DECOSTAR® 35 Soğuk ışık kapalı reflektörlü, 2000 saat ömür									
44888 WFL	10	12	300	2000	36	GU4	35	40	10
44890 SP	20	12	3200	2000	10	GU4	35	40	10
44890 WFL	20	12	500	2000	36	GU4	35	40	10
44892 SP	35	12	5000	2000	10	GU4	35	40	10
44892 WFL	35	12	1000	2000	36	GU4	35	40	10

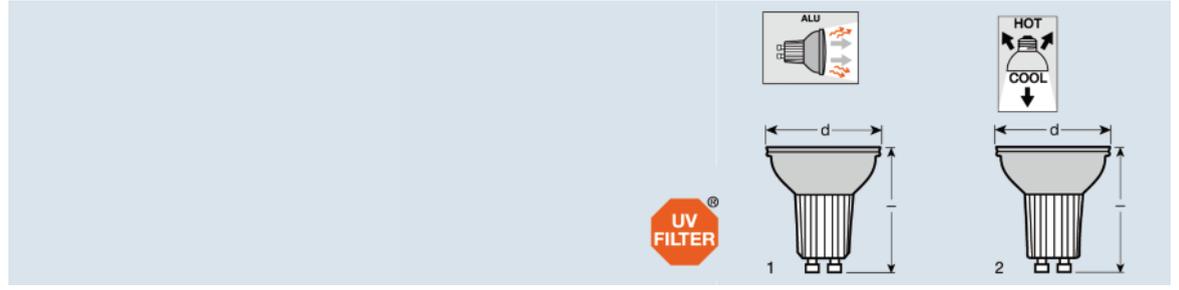

DECOSTAR 35


Ürün Açıklaması Product Reference	W	V	lm	t[h]		d [mm]	l max [mm]	a [mm]		No.
HALOSTAR® STANDARD düşük basınç tekniği, 2000 saat ömür										
64415	10	12	140	2000	G4	10	33	22	40	1
64425	20	12	320	2000	G4	10	33	22	40	1
64432	35	12	600	2000	GY 6.35	12	44	30	40	2
64440	50	12	910	2000	GY6.35	12	44	30	40	2


HALOSTAR



HALOPAR 16



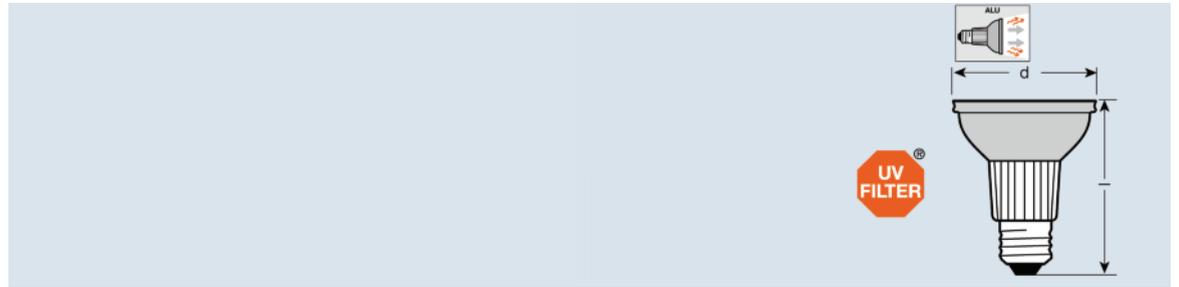
Ürün Açıklaması Product Reference	Açıklama	W	V	cd	t[h]	°	mm	d max [mm]	l max [mm]	No.
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HALOPAR® 16 Şebeke gerilimi ile çalışan reflektörlü lamba, 2000 saat ömür.

64824 FL	Alüminyum reflektör	50	230	950	2000	35	GU10	51	55	20	1
64820 FL	Alüminyum reflektör	35	230	600	2000	35	GU10	51	55	20	1
64826 FL	Soğuk ışık reflektör	50	230	900	2000	35	GZ10	51	55	20	2



HALOPAR 20/30



Ürün Açıklaması Product Reference	Açıklama	W	V	cd	t[h]	°	mm	d max [mm]	l max [mm]	No.
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HALOPAR® 20 Şebeke gerilimi ile çalışan reflektörlü lamba, 2000 saat ömür.

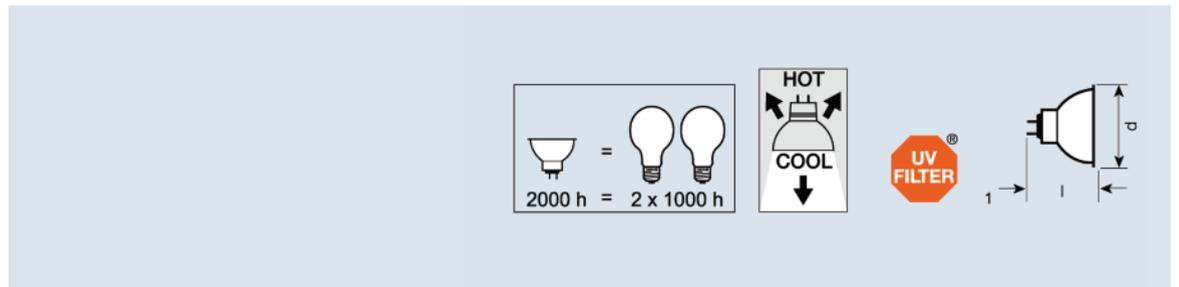
64832 SP	Alüminyum reflektör	50	230	3000	2000	10	E27	64.5	91	15
64832 FL	Alüminyum reflektör	50	230	1000	2000	30	E27	64.5	91	15
64836 SP	Soğuk ışık reflektör	50	230	3200	2000	10	E27	64.5	91	15
64836 FL	Soğuk ışık reflektör	50	230	1100	2000	30	E27	64.5	91	15

HALOPAR® 30 Şebeke gerilimi ile çalışan reflektörlü lamba, 2000 saat ömür.

64841 SP	Alüminyum reflektör	75	230	6900	2000	10	E27	97	90.5	15
64841 FL	Alüminyum reflektör	75	230	2200	2000	30	E27	97	90.5	15
64845 SP	Soğuk ışık reflektör	75	230	7500	2000	10	E27	97	90.5	15
64845 FL	Soğuk ışık reflektör	75	230	2400	2000	30	E27	97	90.5	15



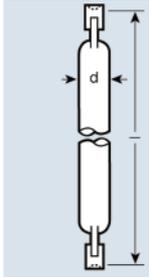
DECOSTAR 51



Ürün Açıklaması Product Reference	Açıklama	W	V	cd	t[h]	°	mm	d max [mm]	l max [mm]	No.
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DECOSTAR® 51 STANDARD Soğuk ışık reflektörlü, 2000 saat ömür

41860 SP		20	12	3150	2000	10	GU5.3	51	46	20
41860 WFL		20	12	510	2000	36	GU5.3	51	46	20
41865 SP		35	12	6300	2000	10	GU5.3	51	46	20
41865 WFL		35	12	1050	2000	36	GU5.3	51	46	20
41870 SP		50	12	8200	2000	10	GU5.3	51	46	20
41870 WFL		50	12	1500	2000	36	GU5.3	51	46	20



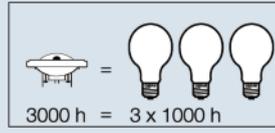
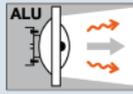
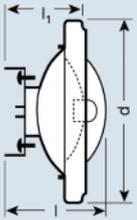
Standart Haloline	HALOLINE® ENERGY SAVER
60 W	48 W
100 W	80 W
150 W	120 W
200 W	160 W
300 W	230 W
500 W	400 W


HALOLINE

Ürün Açıklaması
Product Reference

HALOLINE® ECO Klasik çubuk halojen lambalar yerine % 20 enerji tasarruflu lambalar

	W	V	lm		d max [mm]	l [mm]	
64688 ECO	48	230	815	R7s	12	74,9	20
64690 ECO	80	230	1450	R7s	12	74,9	20
64695 ECO	120	230	2300	R7s	12	74,9	20
64696 ECO	120	230	2300	R7s	12	114,2	20
64698 ECO	160	230	3300	R7s	12	114,2	20
64701 ECO	230	230	5000	R7s	12	114,2	20
64702 ECO	400	230	9000	R7s	12	114,2	20


HALOSPOT 111

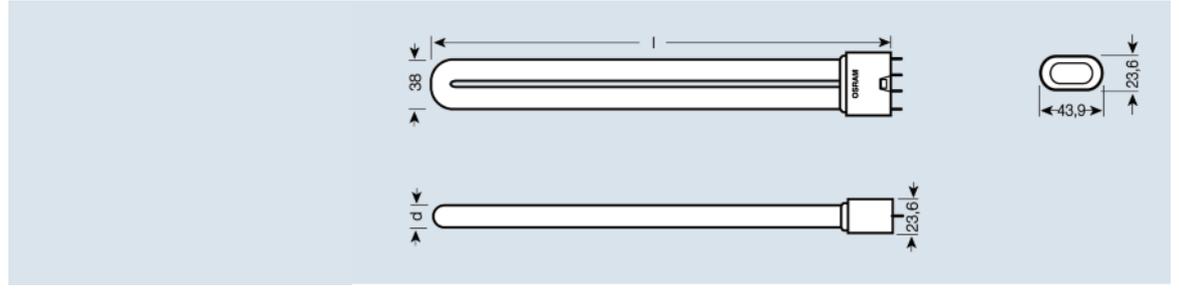
Ürün Açıklaması
Product Reference

HALOSPOT® 111 Alüminyum reflektörlü, düşük basınç tekniği, 3000 saat ömür

	W	V	cd	t[h]		d max [mm]	l max [mm]	
41830 SSP	35	6	30000	3000	4	G53	111	67
41832 SSP	35	12	35000	3000	4	G53	111	67
41832 FL	35	12	2500	3000	24	G53	111	67
41835 SSP	50	12	40000	3000	4	G53	111	67
41835 SP	50	12	20000	3000	8	G53	111	67
41835 FL	50	12	4000	3000	24	G53	111	67
41835 WFL	50	12	1400	3000	45	G53	111	67
41840 SP	75	12	30000	3000	8	G53	111	67
41840 FL	75	12	5300	3000	24	G53	111	67
41840 WFL	75	12	2000	3000	45	G53	111	67
41850 SP	100	12	48000	3000	8	G53	111	67
41850 FL	100	12	8500	3000	24	G53	111	67
41850 WFL	100	12	2800	3000	45	G53	111	67



DULUX L



Ürün Açıklaması

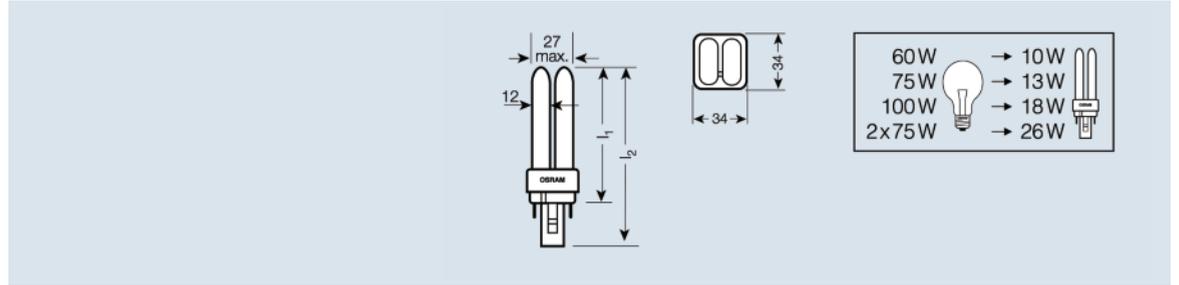
Product Reference

OSRAM DULUX® L LUMILUX

	W	K	Ra	lm		d max. [mm]	l max. [mm]	
DULUX L 18 W/827	18	2700	1B	1200	2G11	17.5	217	10
DULUX L 18 W/830	18	3000	1B	1200	2G11	17.5	217	10
DULUX L 18 W/840	18	4000	1B	1200	2G11	17.5	217	10
DULUX L 24 W/827	24	2700	1B	1800	2G11	17.5	317	10
DULUX L 24 W/830	24	3000	1B	1800	2G11	17.5	317	10
DULUX L 24 W/840	24	4000	1B	1800	2G11	17.5	317	10
DULUX L 36 W/827	36	2700	1B	2900	2G11	17.5	411	10
DULUX L 36 W/830	36	3000	1B	2900	2G11	17.5	411	10
DULUX L 36 W/840	36	4000	1B	2900	2G11	17.5	411	10
DULUX L 36 W/865	36	6500	1B	2750	2G11	17.5	411	10



DULUX D



Ürün Açıklaması

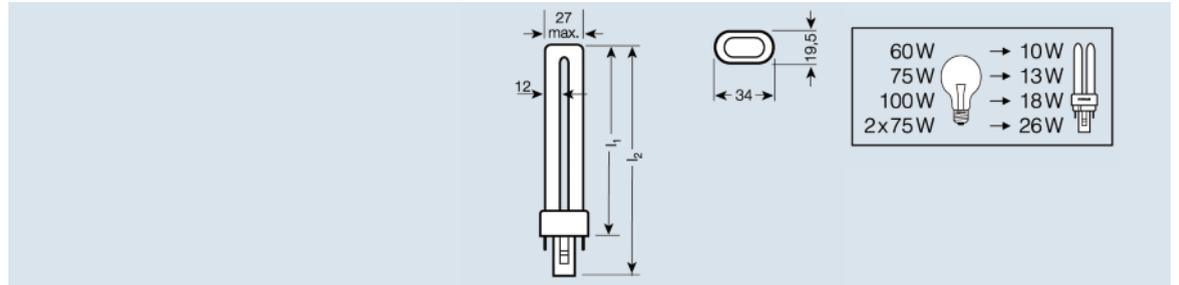
Product Reference

OSRAM DULUX® D (CHINA) Manyetik balast için iki pim soketli

	W	K	lm		l1 max. [mm]	l2 max. [mm]	
DULUX D 10 W/827	10	2700	600	G24d-1	87	110	50
DULUX D 10 W/830	10	3000	600	G24d-1	87	110	50
DULUX D 10 W/840	10	4000	600	G24d-1	87	110	50
DULUX D 13 W/827	13	2700	900	G24d-1	115	138	50
DULUX D 13 W/830	13	3000	900	G24d-1	115	138	50
DULUX D 13 W/840	13	4000	900	G24d-1	115	138	50
DULUX D 18 W/827	18	2700	1200	G24d-2	130	153	50
DULUX D 18 W/830	18	3000	1200	G24d-2	130	153	50
DULUX D 18 W/840	18	4000	1200	G24d-2	130	153	50
DULUX D 26 W/827	26	2700	1800	G24d-3	149	172	50
DULUX D 26 W/830	26	3000	1800	G24d-3	149	172	50
DULUX D 26 W/840	26	4000	1800	G24d-3	149	172	50



DULUX S

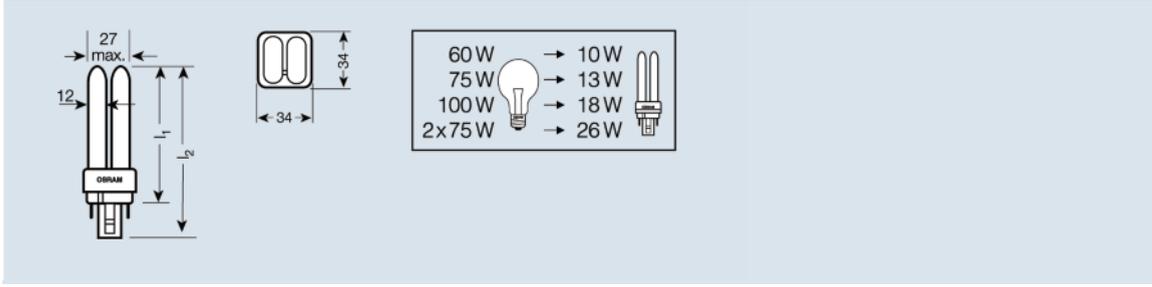


Ürün Açıklaması

Product Reference

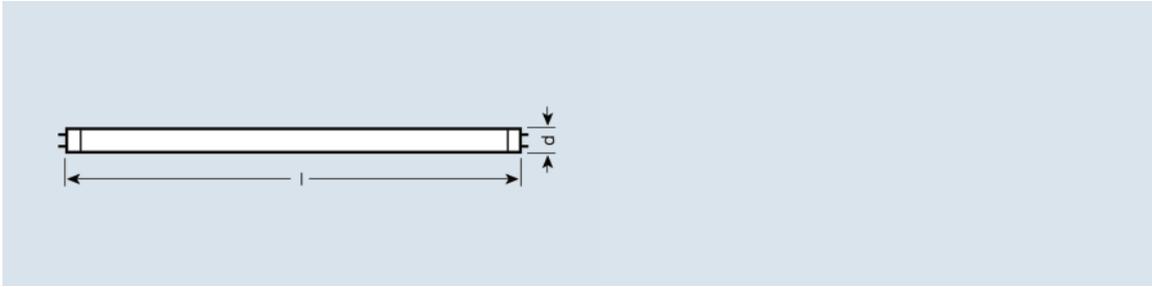
OSRAM DULUX® S Manyetik balast için iki pim soketli

	W	K	Ra	lm		l1 max. [mm]	l2 max. [mm]	
DULUX S 9 W/827	9	2700	1B	600	G23	144	167	10
DULUX S 9 W/830	9	3000	1B	600	G23	144	167	10
DULUX S 9 W/840	9	4000	1B	600	G23	144	167	10
DULUX S 9 W/865	9	6500	1B	600	G23	144	167	50
DULUX S 11 W/827	11	2700	1B	900	G23	214	237	10
DULUX S 11 W/830	11	3000	1B	900	G23	214	237	10
DULUX S 11 W/840	11	4000	1B	900	G23	214	237	10



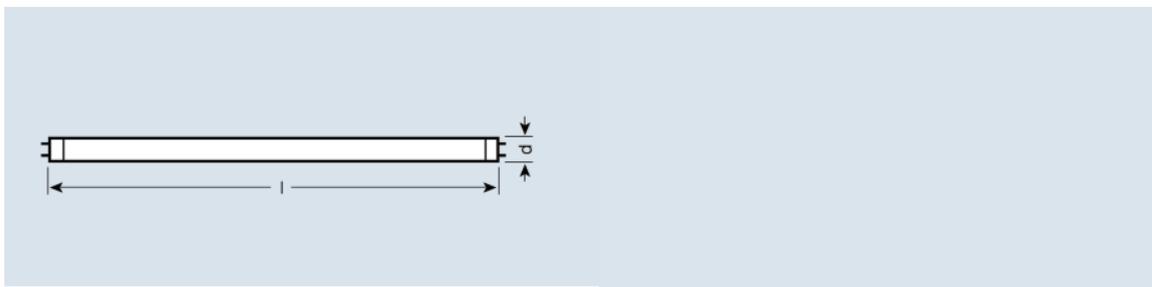
Ürün Açıklaması Product Reference	W	K	lm		l ₁ max. [mm]	l ₂ max. [mm]	
OSRAM DULUX® D/E Elektronik balast için dört pim soketli							
DULUX D/E 10 W/827	10	2700	600	G24q-1	87	103	10
DULUX D/E 10 W/830	10	3000	600	G24q-1	87	103	10
DULUX D/E 10 W/840	10	4000	600	G24q-1	87	103	10
DULUX D/E 13 W/827	13	2700	900	G24q-1	115	131	10
DULUX D/E 13 W/830	13	3000	900	G24q-1	115	131	10
DULUX D/E 13 W/840	13	4000	900	G24q-1	115	131	10
DULUX D/E 18 W/827	18	2700	1200	G24q-2	130	146	10
DULUX D/E 18 W/830	18	3000	1200	G24q-2	130	146	10
DULUX D/E 18 W/840	18	4000	1200	G24q-2	130	146	10
DULUX D/E 26 W/827	26	2700	1800	G24q-3	149	165	10
DULUX D/E 26 W/830	26	3000	1800	G24q-3	149	165	10
DULUX D/E 26 W/840	26	4000	1800	G24q-3	149	165	10

DULUX D/E



Ürün Açıklaması Product Reference	W	K	lm		TUBE d[mm]	l [mm]	
LUMILUX® T8, tüp formunda							
L 18 W/827	18	2700	1350	G 13	26	590	25
L 18 W/830	18	3000	1350	G 13	26	590	25
L 18 W/840	18	4000	1350	G 13	26	590	25
L 18 W/865	18	6500	1300	G 13	26	590	25
L 36 W/827	36	2700	3350	G 13	26	1200	25
L 36 W/830	36	3000	3350	G 13	26	1200	25
L 36 W/840	36	4000	3350	G 13	26	1200	25
L 36 W/865	36	6500	3250	G 13	26	1200	25
L 58 W/827	58	2700	5200	G 13	26	1500	25
L 58 W/830	58	3000	5200	G 13	26	1500	25
L 58 W/840	58	4000	5200	G 13	26	1500	25
L 58 W/865	58	6500	5000	G 13	26	1500	25

LUMILUX T8

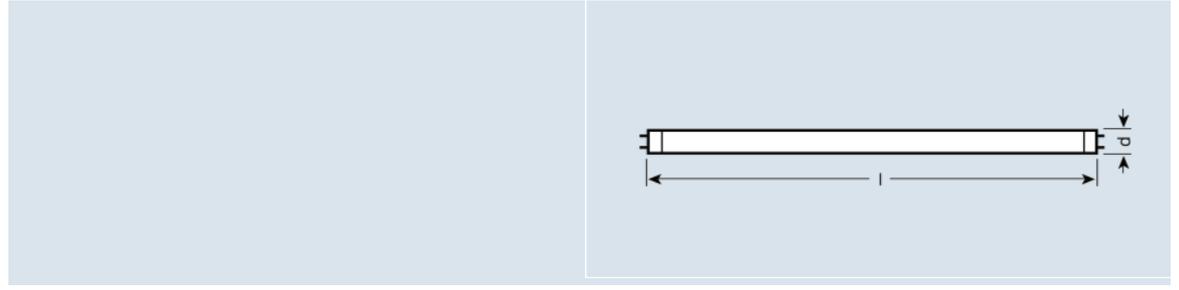


Ürün Açıklaması Product Reference	W	K	lm		TUBE d[mm]	l [mm]	
LUMILUX® T5 tüp formunda, kısa							
L 8 W/827	8	2700	450	G 5	16	288	25
L 8 W/840	8	4000	430	G 5	16	288	25
L 13 W/827	13	2700	950	G 5	16	517	25
L 13 W/840	13	4000	950	G 5	16	517	25

LUMILUX T5



LUMILUX T5



Ürün Açıklaması
Product Reference

W K lm



LUMILUX® T5 HE HIGH EFFICIENCY, yüksek verimlilik, tüp formunda

HE 14 W/827	14	2700	1200	G5	16	549	40
HE 14 W/830	14	3000	1200	G5	16	549	40
HE 14 W/840	14	4000	1200	G5	16	549	40
HE 14 W/865	14	6500	1100	G5	16	549	40
HE 21 W/827	21	2700	1900	G5	16	849	40
HE 21 W/830	21	3000	1900	G5	16	849	40
HE 21 W/840	21	4000	1900	G5	16	849	40
HE 21 W/865	21	6500	1750	G5	16	849	40
HE 28 W/827	28	2700	2600	G5	16	1149	40
HE 28 W/830	28	3000	2600	G5	16	1149	40
HE 28 W/840	28	4000	2600	G5	16	1149	40
HE 28 W/865	28	6500	2400	G5	16	1149	40
HE 35 W/827	35	2700	3300	G5	16	1449	40
HE 35 W/830	35	3000	3300	G5	16	1449	40
HE 35 W/840	35	4000	3300	G5	16	1449	40
HE 35 W/865	35	6500	3050	G5	16	1449	40

LUMILUX® T5 HO HIGH OUTPUT, yüksek ışık, tüp formunda

HO 24 W/827	24	2700	1750	G5	16	549	40
HO 24 W/830	24	3000	1750	G5	16	549	40
HO 24 W/840	24	4000	1750	G5	16	549	40
HO 24 W/865	24	6500	1600	G5	16	549	40
HO 39 W/827	39	2700	3100	G5	16	849	40
HO 39 W/830	39	3000	3100	G5	16	849	40
HO 39 W/840	39	4000	3100	G5	16	849	40
HO 39 W/865	39	6500	2850	G5	16	849	40
HO 49 W/827	49	2700	4300	G5	16	1449	40
HO 49 W/830	49	3000	4300	G5	16	1449	40
HO 49 W/840	49	4000	4300	G5	16	1449	40
HO 49 W/865	49	6500	4100	G5	16	1449	40
HO 54 W/827	54	2700	4450	G5	16	1149	40
HO 54 W/830	54	3000	4450	G5	16	1149	40
HO 54 W/840	54	4000	4450	G5	16	1149	40
HO 54 W/865	54	6500	4100	G5	16	1149	40
HO 80 W/827	80	2700	6150	G5	16	1449	40
HO 80 W/830	80	3000	6150	G5	16	1449	40
HO 80 W/840	80	4000	6150	G5	16	1449	40
HO 80 W/865	80	6500	5700	G5	16	1449	40

OSRAM
LED
CREATING TOMORROW



Uzun
kullanım
ömrü

Yüksek
kalite

%90'a
varan enerji
tasarrufu



Işık enerjidir

OSRAM'dan herkes, her yer ve her durum için modern LED lambalar...

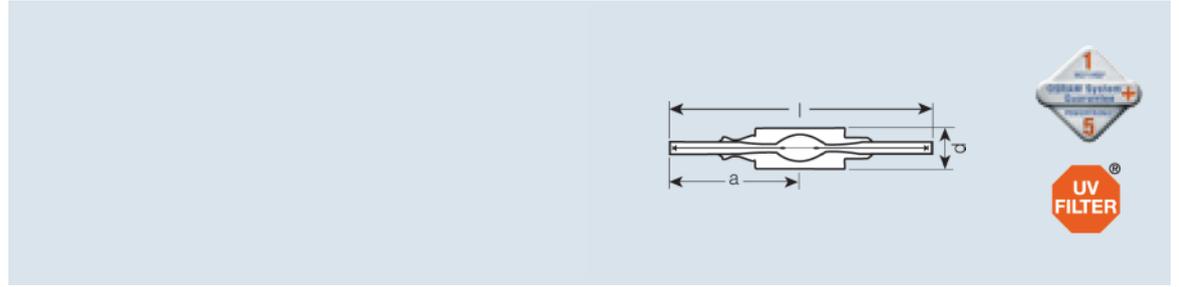
150'den fazla LED lamba çeşidine sahip OSRAM, farklı güçleri, ışık renkleri, şekilleri ve duy tipleri ile kullanıcılara her türlü uygulama için en uygun aydınlatma çözümünü sunuyor.

Işık OSRAM'dır

OSRAM



HQI-TS



Ürün Açıklaması

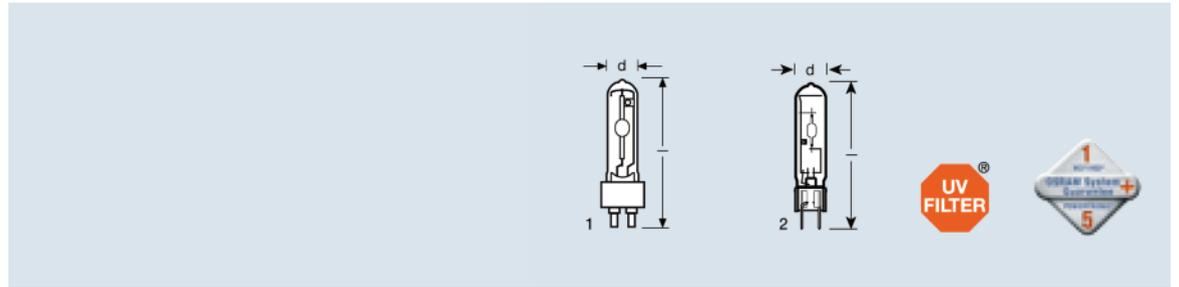
Product Reference

POWERSTAR® HQI®-TS EXCELLENCE

	W	K	lm		d max [mm]	l max [mm]	
HQI-TS 70/WDL EXCELLENCE	70	3000	6000	RX7s	19	120	12
HQI-TS 70/NDL EXCELLENCE	70	4200	6500	RX7s	19	120	12
HQI-TS 70/D EXCELLENCE	70	5200	6200	RX7s	19	120	12
HQI-TS 150/WDL EXCELLENCE	150	3000	12000	RX7s-24	23	138	12
HQI-TS 150/NDL EXCELLENCE	150	4200	12500	RX7s-24	23	138	12
HQI-TS 150/D EXCELLENCE	150	5200	12000	RX7s-24	23	138	12



SHOPLIGHT



Ürün Açıklaması

Product Reference

POWERBALL® HCI®-T Shoplight

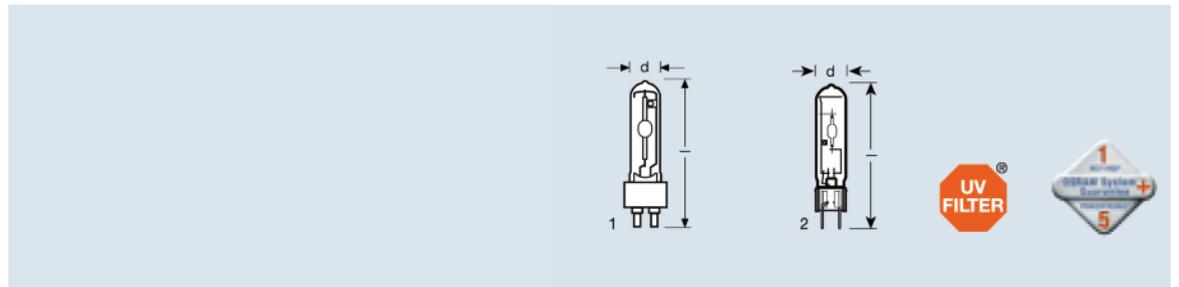
	W	K	lm		d max [mm]	l max [mm]	
HCI-T 35/930 WDL PB Shoplight	35	3000	2800	G12	19	100	12
HCI-T 70/930 WDL PB Shoplight	70	3000	6300	G12	19	100	12

POWERBALL® HCI®-TC Shoplight

	W	K	lm		d max [mm]	l max [mm]	
HCI-TC 35/930 WDL PB Shoplight	35	3000	2800	G8.5	15	81	12
HCI-TC 70/930 WDL PB Shoplight	70	3000	6200	G8.5	15	81	12



HCI-T



Ürün Açıklaması

Product Reference

POWERBALL® HCI®-T

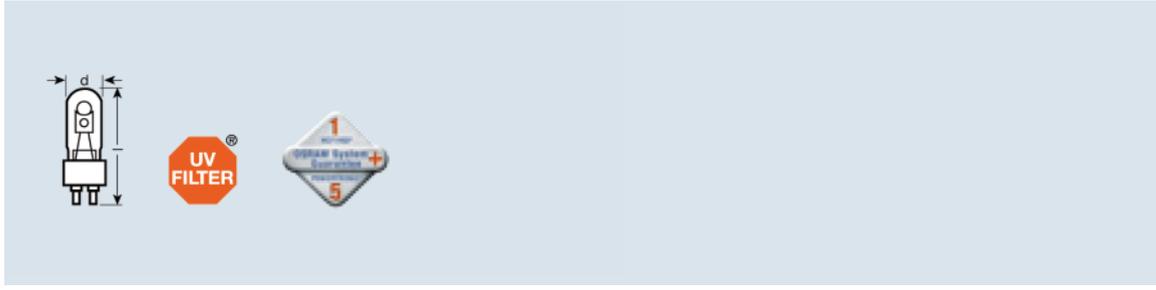
	W	K	lm		d max [mm]	l max [mm]	
HCI-T 35/830 WDL PB	35	3000	3600	G12	19	100	12
HCI-T 35/942 NDL PB	35	4200	3500	G12	19	100	12
HCI-T 70/830 WDL PB	70	3000	7300	G12	19	100	12
HCI-T 70/942 NDL PB	70	4200	6800	G12	19	100	12
HCI-T 100/830 WDL PB	100	3000	9500	G12	19	105	12
HCI-T 100/942 NDL PB	100	4200	9300	G12	19	105	12
HCI-T 150/830 WDL PB	150	3000	15000	G12	25	105	12
HCI-T 150/942 NDL PB	150	4200	14500	G12	25	105	12

HCI-T 250/830 WDL PB

HCI-T 250/830 WDL PB	250	3000	26000	E40	46	226	12
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HCI-T 250/942 NDL PB

HCI-T 250/942 NDL PB	250	4200	25000	E40	46	226	12
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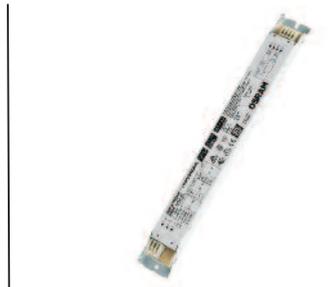
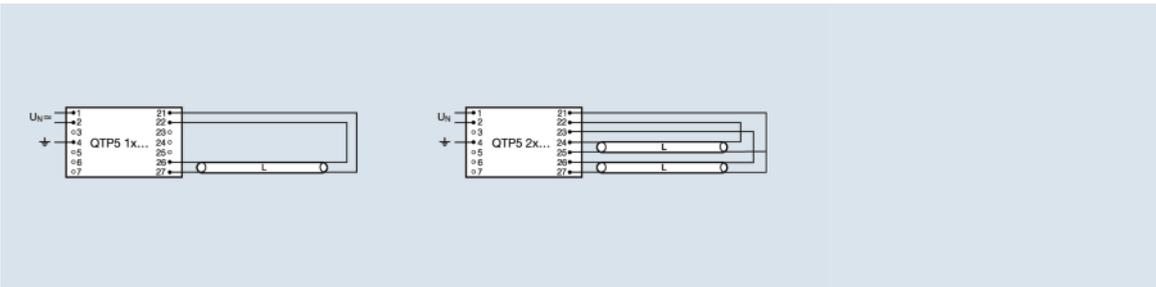
HQI-T

Ürün Açıklaması Product Reference	W	K	lm		d max [mm]	l max [mm]	
POWERSTAR® HQI®-T							
HQI-T 70/WDL	70	3000	5300	G12	25	84	12
HQI-T 70/NDL	70	4200	5800	G12	25	84	12
HQI-T 150/WDL	150	3000	13000	G12	25	84	12
HQI-T 150/NDL	150	4200	13000	G12	25	84	12



HQI-T

Ürün Açıklaması Product Reference	W	K	lm		d max [mm]	l max [mm]	
POWERSTAR® HQI®-T							
HQI-T 250/D	250	5400	20000	E40	46	226	12
HQI-BT 400/D	400	5200	35000	E40	62	285	12
HQI-T 1000/D	1000	6000	85000	E40	76	345	6
HIT-T 1000/D	1000	8100	75000	E40	66	345	6

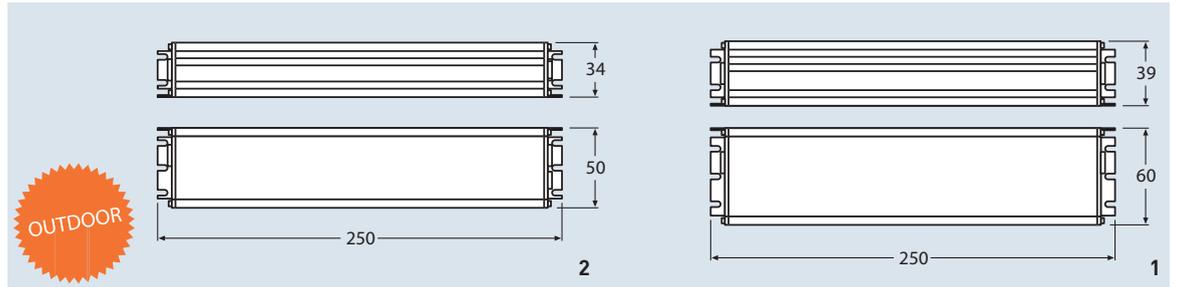


QTP 5

Ürün Açıklaması Product Reference		λ	W SYSTEM	lm	AC V	DC V	l [mm]	b [mm]	h [mm]		
QUICKTRONIC® PROFESSIONAL T5 bir FQ lamba için											
QTP5 1x24-39	1xHO 24	0,95	27	1x1750	198...264	154...276	280	30	21	20	280
	1xHO 39	0,95	44	1x3100							
QTP5 1x80	1xHO 80	0,98	88	1x6150	198...264	154...276	280	30	21	20	280
QUICKTRONIC® PROFESSIONAL T5 iki FQ lamba için											
QT-FQ 2x80	2xHO 80	0,98	175	2x6150	198...264	-	423	30	21	20	400
	2xDL 80	0,98	175	2x6150							
	2xDL 55	0,98	122	2x4800							



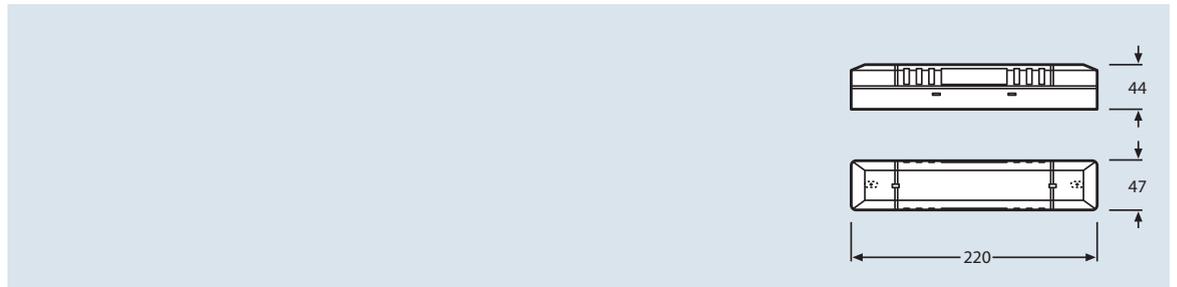
**24 V OPTOTRONIC®
control gear**



Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	V _{OUT}	T _a	
OT 120/220-240/24 P (1)	120	198...264	50-60	I	IP67	24	-25...+55	10
OT 80/220-240/24 P (2)	80	198...264	50-60	I / II	IP67	24 2)	-25...+55	10



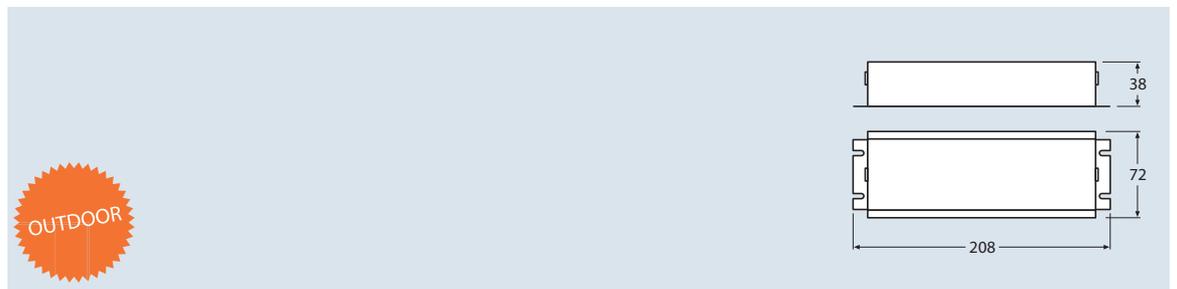
**24 V OPTOTRONIC®
control gear**



Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	V _{OUT}	T _a	
OT 75/220-240/24	75	198...254	50-60	I / II	IP20	24	-20...+50	10



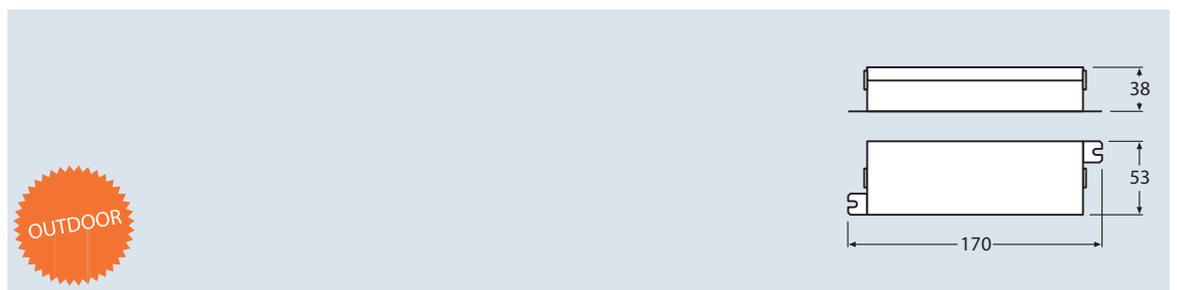
**12 V OPTOTRONIC®
control gear**



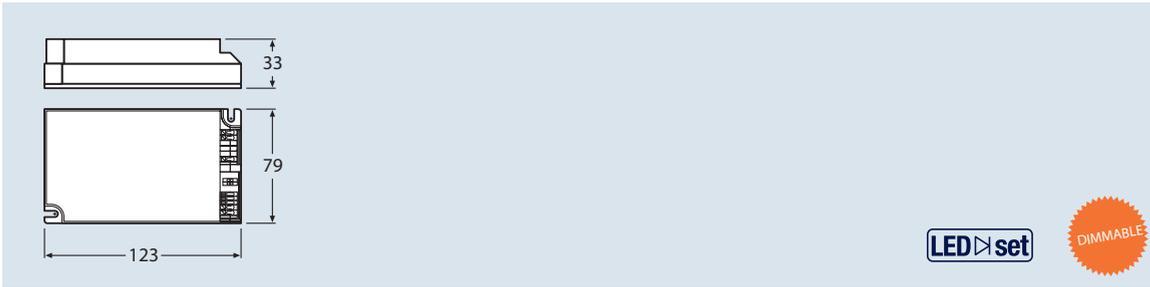
Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	V _{OUT}	T _a	
OTe 120/220-240/12 P	120	198...264	50-60	I	IP65	12.5	-25...+55	10



**12 V OPTOTRONIC®
control gear**



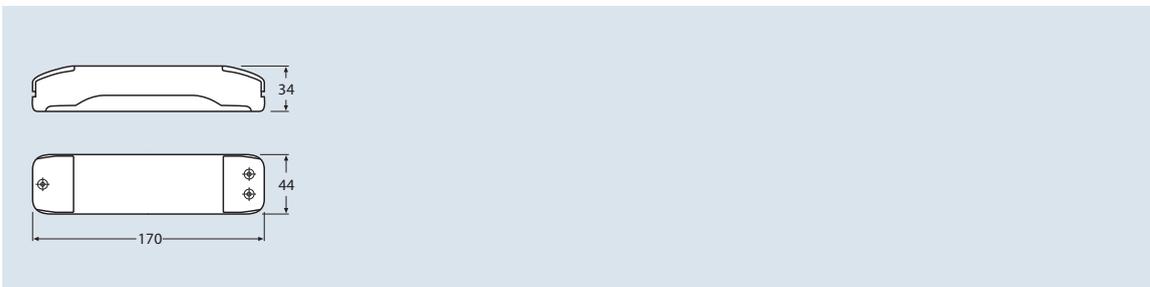
Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	V _{OUT}	T _a	
OTe 60/220-240/12 P	60	198...264	50-60	I	IP65	12.5	-25...+55	20



Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	I _[mA]	V _{OUT}	CONTROL	T _a	
OT 45/220-240/700 LTCS	45	195...264	50-60	I / II	IP20	100...700	38...120	LEDset	-25...+50	20
OT 35/220-240/700 LTCS	35	195...264	50-60	I / II	IP20	100...700	24...87	LEDset	-25...+50	20



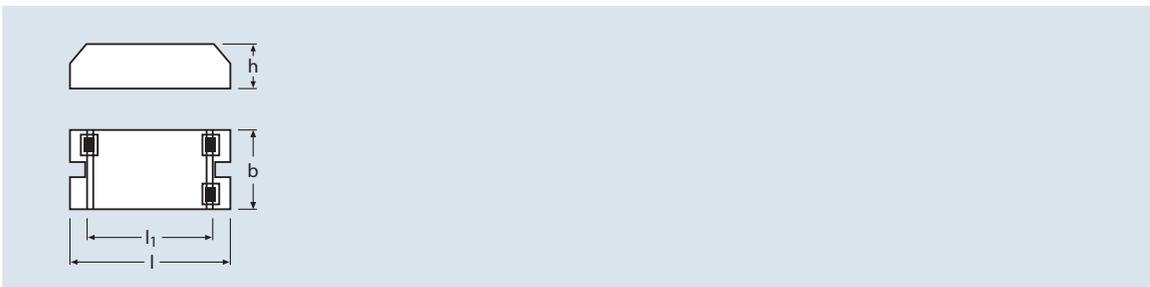
**700 mA
OPTOTRONIC®
control gear, LEDset**



Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	I _[mA]	V _{OUT}	CONTROL	T _a	
OTe 35/220-240/700	35	195...264	50-60	I / II	IP20	700	25...50	-	-25...+45	10



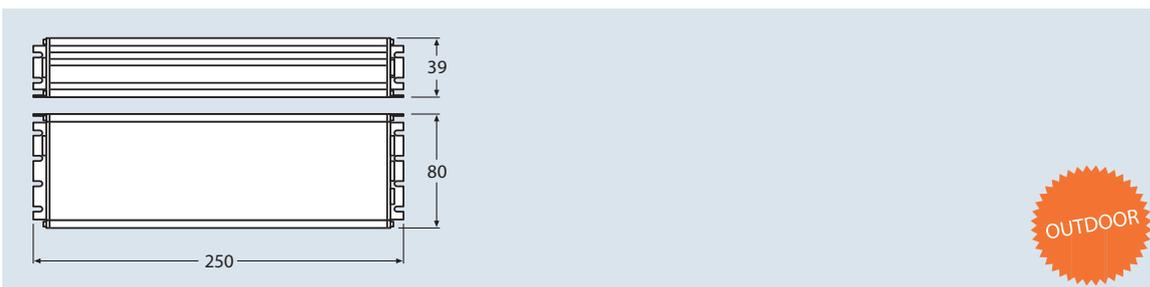
**700 mA
OPTOTRONIC®
control gear**



Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	I _[mA]	V _{OUT}	CONTROL	T _a	
OT 9/200-240/350	8.5	180...254	50-60	I / II	IP20	350	0...25	-	-20...+50	50



**350 mA
OPTOTRONIC®
control gear**



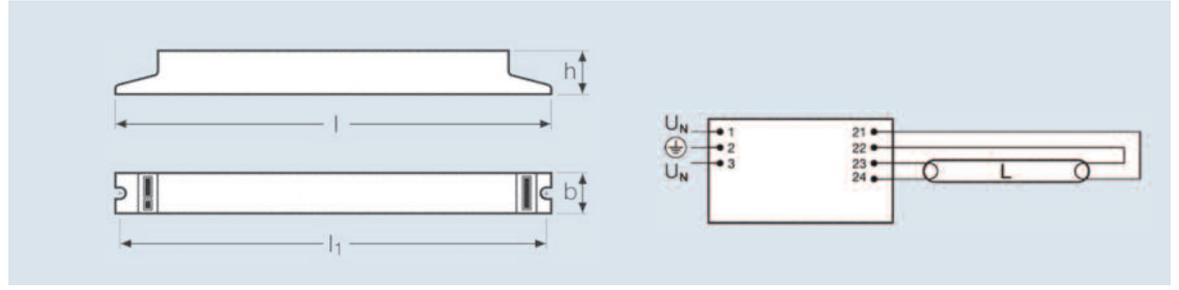
Ürün Açıklaması Product Reference	W	V _{IN}	Hz	pro- tection class	IP	V _{OUT}	T _a	
OT 240/220-240/24 P	240	198...264	50-60	I	IP67	24	-25...+55	8



**24 V OPTOTRONIC®
control gear**



QT-FIT 5



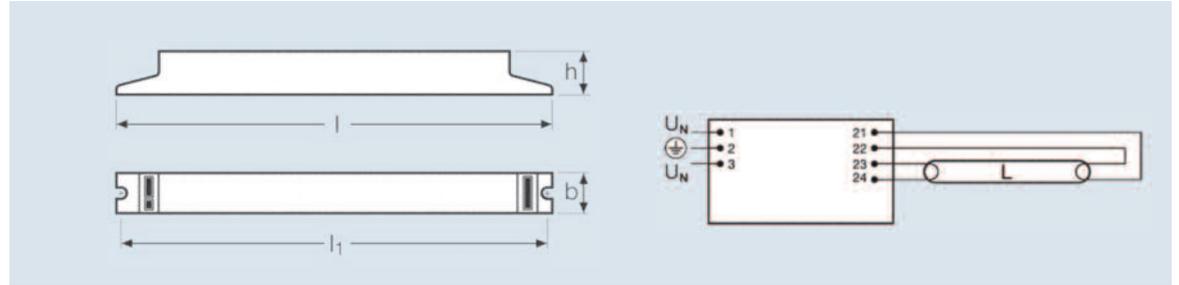
Ürün Açıklaması
Product Reference

QUICKTRONIC® FIT T5 lambalar için sıcak ateşleme

		λ	AC V	DC V	l [mm]	b [mm]	h [mm]				
QT-FIT 5 1x14-35	1xHE 14	0,93	16	1x1200	198...264	154...276	280	30	21	20	280
	1xHE 21	0,95	24	1x1900							
	1xHE 28	0,96	32	1x2600							
	1xHE 35	0,97	39	1x3300							
QT-FIT 5 2x14-35	2xHE 14	0,98	32	2x1200	198...264	154...276	360	30	21	20	400
	2xHE 21	0,98	46	2x1900							
	2xHE 28	0,98	62	2x2600							
	2xHE 35	0,99	78	2x3300							
QT-FIT 5 1x49	1xHO 49	0,99	55	1x4300	198...264	154...276	280	30	21	20	280
QT-FIT 5 1x54	1xHO 54	0,98	61	1x4450	198...264	154...276	280	30	21	20	280
QT-FIT 5 2x24-39	2xHO 24	0,98	54	2x1750	198...264	154...276	360	30	21	20	415
	2xHO 39	0,98	84	2x3100							
QT-FIT 5 2x49	2xHO 49	0,99	110	2x4300	198...264	154...276	360	30	21	20	415
QT-FIT 5 2x54	2xHO 54	0,98	119	2x4450	198...264	154...276	360	30	21	20	415
QT-FIT 5 3x14.4x14	3xHE 14	0,95	48	3x1200	176...276	-	280	40	21	20	240
	4xHE 14	0,97	63	4x1200							



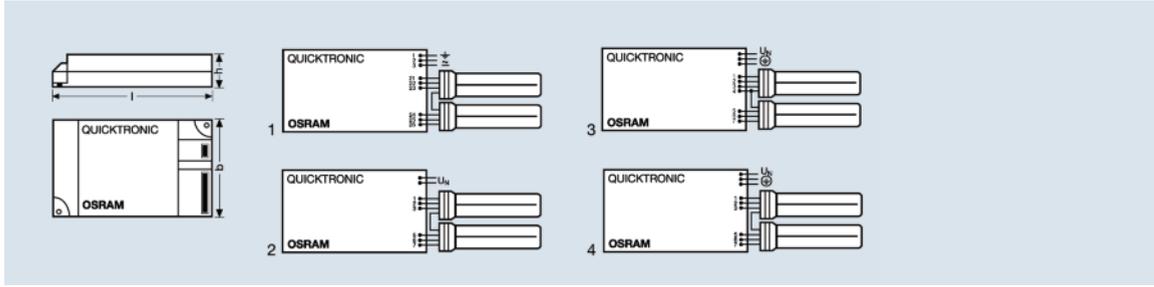
QT-FIT 8



Ürün Açıklaması
Product Reference

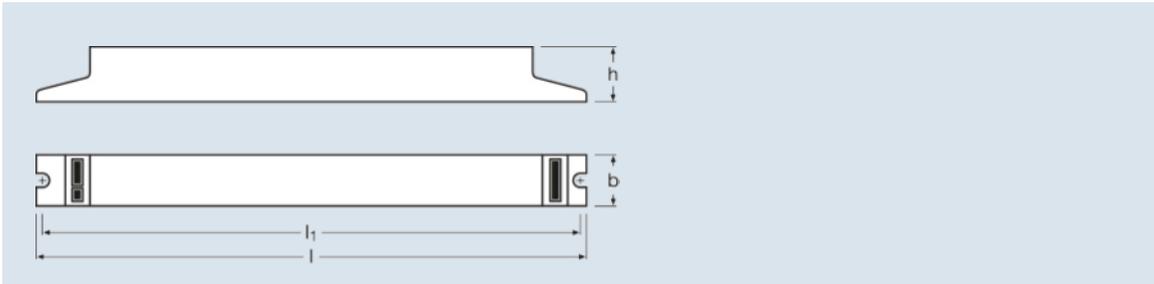
QUICKTRONIC® FIT T8 lambalar için sıcak ateşleme

		λ	AC V	DC V	l [mm]	b [mm]	h [mm]	
QT-FIT8 1x18		0,96	198-264	185-264	280	30	28	20
QT-FIT8 1x36		0,96	198-264	185-264	280	30	28	20
QT-FIT8 1x58-70		0,98	198-264	185-264	280	30	28	20
QT-FIT8 2x18		0,98	198-264	185-264	360	30	28	20
QT-FIT8 2x36		0,98	198-264	185-264	360	30	28	20
QT-FIT8 2x58		0,98	198-264	185-264	360	30	28	20
QT-FIT8 2x70		0,98	198-264	185-264	360	30	28	20
QT-FIT8 3x18, 4x18		0,99	198-264	185-264	280	40	28	20



QT-M

Ürün Açıklaması Product Reference		λ	W SYSTEM	lm	AC V	DC V	l [mm]	b [mm]	h [mm]			No.
QUICKTRONIC® Kompakt floresan iki lamba için												
QTP-D/E 2x10-13/220-240	2xDS/E 9	0.92 c	18	2x600	198...264	185...264	130	79	33	20	170	1
	2xDD/E 10		21	2x600								
	2xDS/E 11		27	2x900								
	2xDD/E13,DT/E13		29	2x900								
QTP-T/E 2x18/220-240	2xDD/E18,DT/E18	0.99	36	2x1200	198...264	185...264	130	79	33	20	170	1
QT-M 2x26-32/230-240S	2xDD/E26,DT/E26	0.97	54	2x1750	198...254	185...254	130	79	33	20	240	2
	2xDT/E 32		70	2x2400								
QT-M 2x26-42/220-240S	2xDD/E26,DT/E26	0.97	54	2x1750	198...254	185...254	130	79	33	20	280	4
	2xDT/E 32		70	2x2400								
	2xDT/E 42		92	2x3200								
QT-T/E 2x42-57/230-240	2xDT/E 42	0.98	90	2x3200	198...264	185...254	158	102	39	9	330	3
	2xDT/E 57		122	2x4300								
QTP-T/E1x18, 2x18	1xD/E, T/E	0.90c	19	1200	176...276		103	67	31	20	140	1
	18 W											
	2xD/E, T/E	0.98	36	2x1200								
	18 W											
QTP-T/E 1x26-42, 2x26	2xDD/E 26	0.98	54	2x1750	176...254		103	67	31	20	140	1
	1xD/E, T/E	0.95	28	1750	176...276							
	26 W											
	1xT/E 32 W	0.95	35	2400								
	1xT/E 42 W	0.95	45	3200								
	2xDT/E 26	0.98	54	2x1750								

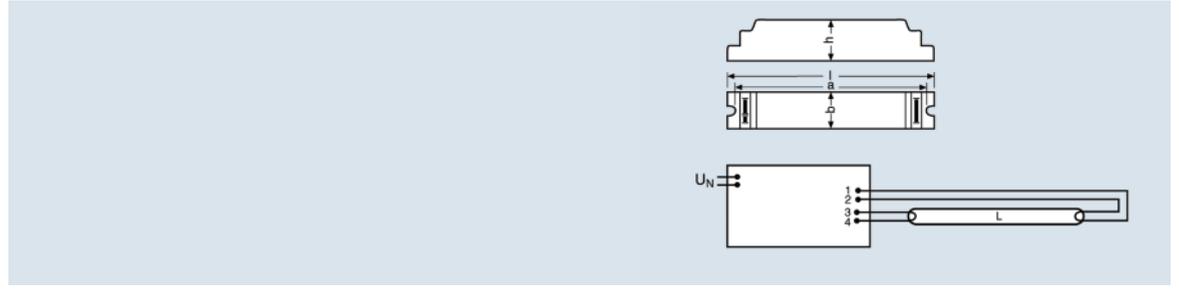


QTz5 / QTz8

Ürün Açıklaması Product Reference		W SYSTEM	lm	A
QUICKTRONIC® T5				
QTz5 1x14	HE14	14	1200	0,98
QTz5 1x21	HE21	21	1900	0,98
QTz5 1x28	HE28	28	2600	0,98
QTz5 2x14	2xHE14	2x14	2x1200	0,98
QTz5 2x28	2xHE28	2x28	2x2600	0,98
QTz5 3x14	3xHE14	3x14	3x1200	0,98
QUICKTRONIC® T8				
QTz8 1x18	L18W	19	1350	0,98
QTz8 1x36	L36W	37	3350	0,98
QTz8 2x18	2xL18W	2x19	2x1350	0,98
QTz8 2x36	2xL36W	2x37	2x3350	0,98
QTz8 3x18	3xL18W	3x19	3x1350	0,98
QTz8 4x18	4xL18W	4x19	4x1350	0,98



QT-ECO

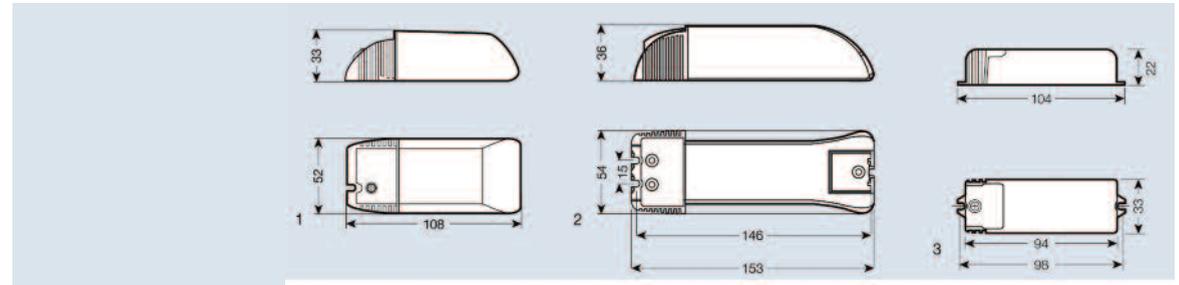


Ürün Açıklaması Product Reference	W SYSTEM	lm	A
QUICKTRONIC® ECONOMIC Fluoresan, kompakt floresan bir lamba için			
QT-ECO 1x4-16/220-240 L	DS/E 5	7,5	250
	DS/E 7	9	400
	DS/E 9	10	600
	DS/E 11	13	900
	DD/E 10	11,5	600
	DD/E 13, DT/E 13	14	800
	HE 14	15	1150
	L 4 (Ø16 mm)	6,5	120
	L 6 (Ø16 mm)	8,5	270
	L 8 (Ø16 mm)	10,5	450
	L 13 (Ø16 mm)	15	950
	L 10 (Ø26 mm)	12	650
	L 16 (Ø26 mm)	16	1100

Ürün Açıklaması Product Reference	V min.-max.	kHz ECG	λ	$\frac{l}{[mm]}$	$\frac{b}{[mm]}$	$\frac{h}{[mm]}$		
QT-ECO 1x4-16/220-240 L	198...254	ap. 40	0,6 c	150	22	22	50	50



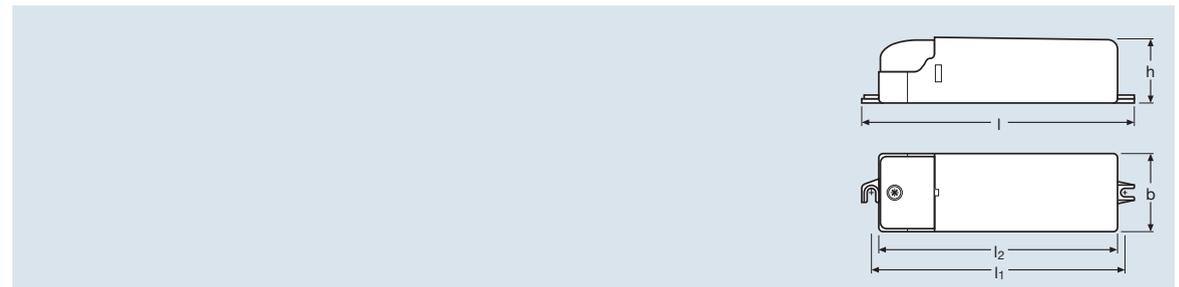
HALOTRONIC MOUSE®



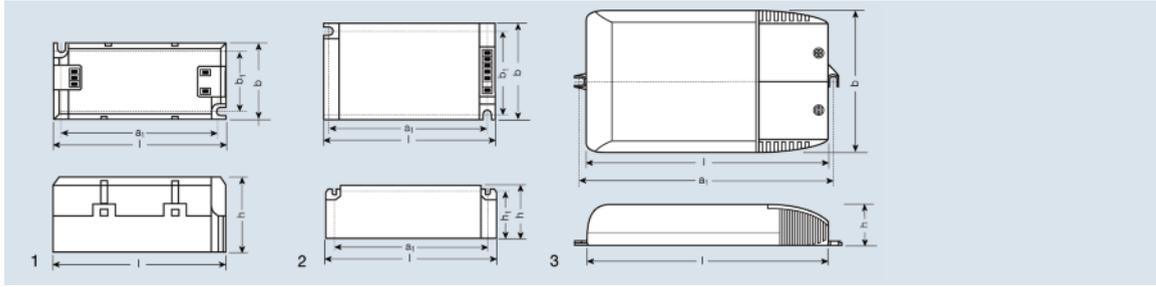
Ürün Açıklaması Product Reference	AC V	λ	$\frac{l}{[mm]}$	$\frac{b}{[mm]}$	$\frac{h}{[mm]}$	
HTM 70/230-240	207...254	0.95	108	52	33	20
HTM 105/230-240	207...254	0.95	108	52	33	20
HTM 150/230-240	207...254	0.95	153	54	36	10



HALOTRONIC ET-PARROT



Ürün Açıklaması Product Reference	AC V	$\frac{l}{[mm]}$	$\frac{b}{[mm]}$	$\frac{h}{[mm]}$	
ET-PARROT 70	207...254	128	38	31	50
ET-PARROT 105	207...254	128	38	31	50



Ürün Açıklaması Product Reference			Hz ECG	A	λ	T _a	T _b
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PT 20/220-240 S	Built-in unit	HCI	100	0,11	0,61c	-25 to +60	80
PTi 35/220-240 S	Built-in unit	HCI	165	0,19	0,95	-25 to +65	80
PTi 35/220-240 I	With cable clamp	HCI	165	0,19	0,95	-25 to +65	80
PTi 70/220-240 S	Built-in unit	HCI, HQI	165	0,35	0,95	-25 to +55	75
PTi 70/220-240 I	With cable clamp	HCI, HQI	165	0,35	0,95	-25 to +50	75

Ürün Açıklaması Product Reference	ECG ECG	W LAMP	kV START			l [mm]	b [mm]	h [mm]		No.
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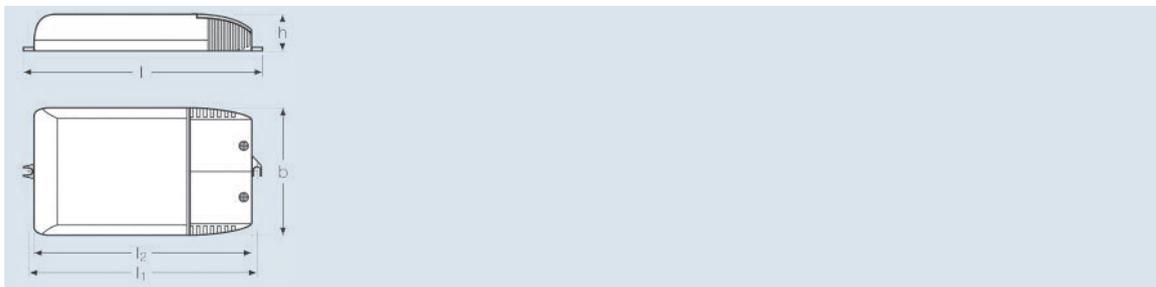
PT 20/220-240 S	22	20	4	0,6		97	43	30	20	1
PTi 35/220-240 S	43/50	39	4,5	1,5		110	75	30	20	2
PTi 35/220-240 I	43/50	39	4,5	1,5		171	83	32	20	3
PTi 70/220-240 S	80/92	73	4,5	1,5		110	75	30	20	2
PTi 70/220-240 I	80/92	73	4,5	1,5		171	83	32	20	3

Ürün Açıklaması Product Reference			Hz ECG	A	λ	T _a	T _b
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PTi 100/220-240 S	Built-in unit	HCI, HQI	165	0,49	0,95	-25 to +55	80
PTi 100/220-240 I	With cable clamp	HCI, HQI	165	0,49	0,95	-25 to +50	70
PTi 150/220-240 S	Built-in unit	HCI, HQI	165	0,72	0,95	-25 to +55	85
PTi 150/220-240 I	With cable clamp	HCI, HQI	165	0,72	0,95	-25 to +50	75

Ürün Açıklaması Product Reference	ECG ECG	W LAMP	kV START			l [mm]	b [mm]	h [mm]		No.
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PTi 100/220-240 S	109/116	100	4,5	1,5		150	85	31	20	1
PTi 100/220-240 I	109/116	100	4,5	1,5		212	96	33	20	2
PTi 150/220-240 S	163/170	150	4,5	1,5		150	85	31	20	1
PTi 150/220-240 I	163/170	150	4,5	1,5		212	96	33	20	2



Ürün Açıklaması Product Reference	AC V	λ	l [mm]	b [mm]	h [mm]	
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POWERTRONIC® PT-FIT Yüksek basınç deşarjlı lamblar için ekonomik model						
PT-FIT.35.S (20)	198...254	0,95	110	75	30	20
PT-FIT.35.I (20)	198...254	0,95	171	83	32	20
PT-FIT.70.S (20)	198...254	0,95	110	75	30	20
PT-FIT.70.I (20)	198...254	0,95	171	83	32	20

