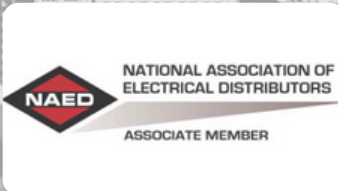


SEPTEMBER 1, 2023

BALLAST PRODUCT LIST

CROSS REFERENCE GUIDE

MAGNETIC HID BALLASTS
CAPACITORS / IGNITOR
ELECTRONIC FLUORESCENT
COMPACT FLUORESCENT
ELECTRONIC SIGN BALLASTS
E-HID BALLASTS





PULSE START METAL HALIDE

Picture	Universal Catalog #	Advance Catalog #	Deltek Code / Description		CIRCUIT TYPE	ANSI CODE	TAP
	M50MLTLC3M-500K	71A5191-001D	83602	P50ML5AC3	HX-HPF	M110	5
	M70MLTLC3M-500K	71A5292-001D	88603	P70ML5AA3	HX-HPF	M98/M85	5
	M100MLTLC3M-500K	71A5390-001D	88604	P100ML5AA3	CWA	M90	5
	M150MLTLC3M-500K	71A5492-001D	88605	P150ML5AA3	CWA	M102/M81	5
	P175MLTAC4L	71A5593-500DEE	85506	P175MLTEC4	CWA	M137,M152	4*
	P200277RCEM	71A5692-500DEE	85507	P200MLTEC4	CWA	M136	4*
	P250MLTAC4L	71A5737-001DEE	85508	P250MLTEC4	CWA	M138, M153	4*
	P250ML5AC4M-500K	71A5752-001D	88608	P250ML5AA4	CWA	M138, M153	5
	P320MLTAC40	71A5837-001DEE	85509	P320MLTEC4	CWA	M132,M154	4*
	P320ML5AC4M-500K	71A5892-001D	88609	P320ML5AA4	CWA	M132,M154	5
	P350MLTAC4M	71A5937-001DEE	85510	P350MLTEC4	CWA	M131	4*
	P350ML5AC4M-500K	71A5993-001D	88610	P350ML5AA4	CWA	M131	5
P400MLTAC4M	71A6137-001DEE	85511	P400MLTEC4	CWA	M135, M155	4*	
P400ML5AC4M-500K	71A609-001D	88611	P400ML5AA4	CWA	M135, M155	5	
P75048TAC5M-500K	71A6452-001D	88613	P750ML5AA5	CWA	M149	5	
P1000ML5AC5M-500K	71A6553-001D	84614	P1000ML5AB5	CWA	M141	5	

PROBE START METAL HALIDE

Picture	Universal Catalog #	Advance Catalog #	Deltek Code / Description		CIRCUIT TYPE	ANSI CODE	TAP
	M175ML5AC3M-500K	71A5570-001D	87606	M175ML5AA3	CWA	M57	5
	M175MLTAC3M-500K	71A5570-001D	81506	M175MLTAC3	CWA	M57	4
	M250ML5AC4M-500K	71A5750-001D	87608	M250ML5AA4	CWA	M58	5
	M400ML5AC4M-500K	71A6051-001D	87611	M400ML5AA4	CWA	M59	5
	M1000ML5AC5M-500K	71A6552-001D	87614	M1000ML5AA5	CWA	M47	5
	M1500MLTACM-500K	71A6772-001D	81615	M1500ML5AC5	CWA	M48	5

HIGH PRESSURE SODIUM

Picture	Universal Catalog #	Advance Catalog #	Deltek Code / Description		CIRCUIT TYPE	ANSI CODE	TAP
	S50MLTLC3M-500K	71A7891-001D	82502	S50MLTLC3	HX-HPF	S68	4
	S70MLTLC3M-500K	71A7971-001D	82503	S70MLTLC3	HX-HPF	S62	4
	S100MLTLC3M-500K	71A8071-001D	82504	S100MLTLC3	HX-HPF	S54	4
	S150MLTLC3M-500K	71A8172-001D	82505	S150MLTLC3	HX-HPF	S55	4
	S200MLTAC4M-500K	71A8970-001D	86507	S200MLTAA4	CWA	S66	4
	S250ML5AC4M-500K	71A8251-001D	86608	S250ML5AA4	CWA	S50	5
	S400ML5AC4M-500K	71A8453-001D	86611	S400ML5AA4	CWA	S51	5
	S600MLTAC5M-500K	71A85E5-510D	86612	S600ML5AA4	CWA	S106	5
	S1000ML5AC5M-500K	71A8753-001D	86614	S1000ML5AA5	CWA	S52	5

*CA Title 20 Energy efficiency compliant >88%



ELECTRONIC FLUORESCENT BALLAST T8 INSTANT START HIGH BEF- PROGRAM START*

Picture	Deltek Code	Description	Voltage	# Lamps/Wattage	BF	Input Watts	Pcs/Ctn
	80210	DB-232N-MV-TP-HE	120 / 277V	2/1 F40/F32/F25/F17 - 2/1 FB32/FB31/FB28	0.87	55	10
	80220*	DB-232N-MV-TP-PS-HL	120 / 277V	2 F40/F32/F25/F17 - 2 FB32/FB31/FB28	0.88	57	10
	80213	DB-332N-MV-TP-HE	120 / 277V	3/2 F40/F32/F31/F25/F17 - 3/2 FB32/FB31/FB28	0.87	83	10
	80221*	DB-332N-MV-TP-PS-HL	120 / 277V	3 F40/F32/F31/F25/F17 - 3 FB32/FB31/FB28	0.88	87	20
	80215	DB-432N-MV-TP-HE	120 / 277V	4/3 F40/F32/F25/F17 - 4/3 FB32/FB31/FB28	0.88	110	10
	80219	DB-259-MV-TP-PIC-SL	120 / 277V	2/1 F96 Instant Start	0.85	113	10
	80237	DB-286HO-MV-TP-IS	120 / 277V	2/1 F96/HO (86W)	0.84	148	50
	80233	DB-232N-120-TP-RS	120V	2/1 F32T8/ F40T12/F34T12/F30T12/F25T12/F20T12	0.88	32	10

ELECTRONIC FLUORESCENT BALLASTS T5 PROGRAM START

Picture	Deltek Code	Description	Voltage	# Lamps/Wattage	BF	Input Watts	Pcs/Ctn
	80236	DB-4M54-PS-MV-90	120 / 277V	4/3/2 F54 HO - 4/3/2 FT55 2G11 - 4/3/2 CFT50 2G11	1.00	231	10
	80218	DB-254HO-MV-TP-PS-SL90	120 / 277V	2/1 F54 HO/FC12 HO/CFT55 2G11/CFT50 2G11	1.00	120	10
	80231	DB-2S28-PS-MV	120 / 277V	2/1 F35/F28/F21/F14	1.00	62	10
	80232	DB-2S39-PS-MV	120 / 277V	2/1 F39/F24	1.00	85	10

ELECTRONIC FLUORESCENT BALLASTS T9 CIRCLINE

Picture	Deltek Code	Description	Voltage	# Lamps/Wattage	BF	Input Watts	Pcs/Ctn
	80225	DB1S26RS120N	120V	1 CFQ26W/G24q-2(26w)/FC8(22w)	0.88	22/26	10
	80226	DB1S40RS120N	120V	1 F16(40w)/F12(32w)	0.88	33/40	10
	80227	DB2S2232RS120N	120V	2 FC12(32w)/FC8(22w)	0.72	40	20
	80228	DB2S3240RS120N	120V	2 FC16(40w)/FC12(32w)	0.77	58	20

ELECTRONIC FLUORESCENT BALLASTS T12 RAPID START AND INSTANT START

Picture	Deltek Code	Description	Voltage	# Lamps/Wattage	BF	Input Watts	Pcs/Ctn
	80205	DB-240-RS-MV	120 / 277V	2 F40/F34/F30/F25	0.82	107	20
	80206	DB-275-IS-MV	120 / 277V	2/1 F96 (75/60w)/F72 (55w)	1.20	75	20
	80224	DB-2110-RS-MV	120 / 277V	1/2 F96/110w/HO ES/95w/ F72/85	1.00	119	20
	80233	DB-232N-120-TP-RS	120V	2/1 F32T8/ F40T12/F34T12/E30T12/F25T12/F20T12	0.88	32	10

COMPACT FLUORESCENT BALLASTS

Picture	Deltek Code	Description	Voltage	# Lamps/Wattage	BF	Input Watts	Pcs/Ctn
	80207K	DBC218MVRSN-Kit	120 / 277V	2/1 Lamp 13/18/21w	0.98	38	50
	80208K	DBC226MVRSN-Kit	120 / 277V	2 Lamp 21/26 - 1 Lamp 32/42w	0.99	52	50
	80204K	DBC242MVRSN-Kit	120 / 277V	2/1 Lamp 22/42w	1.00	94	50



ELECTRONIC SIGN BALLASTS

Picture	Watrán Code	Description	Voltage	Number of Lamps	Min/Max Footage	Max/Min Input W
	80239	DB-0216-12-MV-TP	120 / 277	1 or 2	2' - 16'	131 / 132
	80240	DB-1040-14-MV-TP	120 / 277	1,2,3 or 4	10'- 40'	330 / 352
	80241	DB-0432-14-MV-TP	120 / 277	1,2,3 or 4	4' - 32'	242 / 267
	80242	DB-0848-46-MV-TP	120 / 277	4,5 or 6	8' - 48'	365 / 410

PS- MH CAPACITORS

Picture	WATRAN Code	Applications	Description	uF/V
	00033	P50W PSMH	DKCC-6(CBB60,300V)	6/300
	00006	P70W PSMH	DKCC-10(CBB60,300V)	10/300
	00007	P100W PSMH	DKCC-12(CBB60,300V)	12/300
	00016	P150W PSMH	DKCC-18(CBB60,300V)	18/300
	00017	P150W PSMH 5AC3, TAC3	DKCC-21(CBB60,480V)	21/480
	00036	175W MH	DKCS-12(CBB65,540V)	12/540
	00008	P175W PSMH TEC4	DKCC-12(CBB60,400V)	12/400
	00010	P200W PSMH TEC4	DKCC-13(CBB60,400V)	13/400
	00013	P250W PSMH TEC4	DKCC-15.5(CBB60,400V)	15.5/400
	00037	P250W PSMH	DKCS-15(CBB65,540V)	15/540
	00037	250W MH	DKCS-15(CBB65,540V)	15/540
	00038	P320W PSMH	DKCS-21(CBB65,540V)	21/540
	00018	P320W PSMH TEC4	DKCC-22(CBB60,400V)	22/400
	00039	P350W PSMH	DKCS-22(CBB65,540V)	22/540
	00020	P350W PSMH TEC4	DKCC-22.5(CBB60,400V)	22.5/400
	00021	400w MH	DKCC-24(CBB60,400V)	24/400
	00041	P400W-P750W PSMH	DKCS-26(CBB65,540V)	26/540
	00040	400W-1000W MH	DKCS-24(CBB65,540V)	24/540
	00024	P400W PSMH TEC4	DKCC-26(CBB60,400V)	26/400
	00026	P750W PSMH	DKCC-28(CBB60,480V)	28/480
	00022	1000W MH	DKCC-24(CBB60,480V)	24/480
	00042	1500W MH	DKCS-32(CBB65,540V)	32/540
	00043	1500W MH TAB5	DKCS-34(CBB65, 540V)	34/540

HPS CAPACITORS

Picture	WATRAN Code	Applications	Description	uF/V
	00030	50W HPS	DKCC-5(CBB60,300V)	5/300
	00034	70W HPS	DKCC-7(CBB60,300V)	7/300
	00006	100W HPS	DKCC-10(CBB60,300V)	10/300
	00011	150W HPS	DKCC-14(CBB60,300V)	14/300
	00044	200W HPS	DKCC-28(CBB60,250V)	28/250
	00029	250W HPS	DKCC-35(CBB60,250V)	35/250
	00027	250W HPS TAC4	DKCC-33(CBB60,250V)	33/250
	00031	400W - 600W HPS	DKCC-55(CBB60,250V)	55/250
	00041	1000W HPS	DKCS-26(CBB65,540V)	26/540



WATRAN IGNITORS

Picture	WATRAN Code	Applications	Description
	00001	50w - 150w HPS	DK-HPS150
	00002	250w - 600w HPS	DK-HPS400
	00003	50w - 400w PSMH	DK-MH400
	00004	750w PSMH	DK-MH750
	00005	1000w PSMH/HPS	DK-HPSMH1000

480/347V-277V STEP DOWN TRANSFORMERS

Picture	WATRAN Code	Watts	Input	Voltage
	80244	150W	480/347Vac± 10%	480/347Vac± 10%
	80246	375W	480/347Vac± 10%	480/347Vac± 10%

EMERGENCY DRIVERS

Picture	WATRAN Code	Watts	Input	Output
	90149-8	8W	100-277V	Ma 95V
	90149-15	15W	100-277V	25-48V
	90149-20	20W	100-277V	25-48V

E-HID BALLASTS

Picture	Watrnan Code	Description	Input Voltage	Lamp	Input Power	Circuit Current
	80102	HQEB-MH39/120LA1F	AC120V	C179, C130, M130	39 W	0.38A
	80103	HQEB-MH50/120LA1F	AC120V	M148, M110	50W	0.48A
	80104	HQEB-MH20/120LA2F	AC120V	M156, C156, C175, M175	20W	0.21A
	80105	HQEB-MH39/120LA2F	AC120V	C179, C130, M130	39W	0.38A
	80106	HQEB-MH50/120LA2F	AC120V	M148, M110	50W	0.48A



BALLASTS

Discover our Ballasts! We offer a variety of Magnetic and Electronic Fluorescent Ballasts to make powering your projects that much easier.

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MAGNETIC HID BALLASTS

PULSE START METAL HALIDE
PROBE START METAL HALIDE
HIGH PRESSURE SODIUM



ELECTRONIC FLUORESCENT BALLASTS

T5, T8, T9, T12
COMPACT FLUORESCENT
ELECTRONIC SIGN
BALLASTS



CAPACITORS & IGNITORS

PS-MH CAPACITORS
HPS CAPACITORS
WATRAN IGNITORS



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20-50W
AC 120V

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We are a professional electrical lighting manufacturer headquartered in Plano, Texas with state-of-the-art manufacturing facilities in China. For the past 34 years, the company has focused on the production of high-end electrical lighting products for the USA and European markets, branding American private label products and supplying the largest lighting technology companies in the United States.

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TERMS AND CONDITIONS

WARRANTY

Standard four (4) year factory replacement warranty on all Magnetic High Intensity Discharge Ballasts and five (5) year warranty on Electronic Fluorescent and LED Drivers. Standard (10) year warranty on LED Die-Cast Fixture housing. This warranty is designated a "Limited Warranty" pursuant to Section 103(a) of the Federal Consumers Product Warranties Act. Defective Ballasts/LED Drivers are to be shipped, with RGA number, to Dallas, Texas at purchaser's expense. Replacement ballasts will be shipped freight free.

TERMS

ORDERS

FREIGHT

DAMAGE/ DEFECTIVE PRODUCT

DROP SHIPMENTS

CLAIMS

RETURNS

PRICES

FIXTURE COLOR CHANGES

POLE COLOR CHANGES

Companies with approved credit: Thirty (30) days net from date of invoice.

Orders must include a valid WATRAN/ DELTEK five digit code, total quantities and price per unit.

Freight will be allowed on \$750.00 for Ballasts/LED Drivers to all points in the U.S.A. excluding Hawaii and Alaska. LED Fixtures are \$1,500.00 F/F. Shipments to Northwest and Northeast states are \$2,000.00 F/F. Poles FOB Dallas. Freight is not included with Poles.

Any claims for loss and damage have to be filed by the customer against the carrier. Consignment copies signed by the carrier acknowledging such loss or damage must be submitted to LIGHTING AND POWER TECHNOLOGIES.

Drop shipments to other than customer's address of business will be allowed. If shipment destination is further than originating customer's premises, any extra freight charge will be customer's responsibility.

Claims for inaccurate filling of orders must be submitted no later than two (2) days after receipt of shipment and needs to be made directly to LIGHTING AND POWER TECHNOLOGIES. Copy of the invoice or packing list must be enclosed with the claim form.

Customer will have to request a Return Goods Authorization (RGA), returned goods will only be accepted against an RGA number. Any item returned for credit or replacement will be subject to a 15% restocking fee if the error is not ours. LED Fixtures are subject to a 20% restocking fee. DELTEK/WATRAN Ballasts/LED Drivers must be returned freight prepaid. All returns must be returned within sixty (60) days of delivery or RGA will be canceled and customer will be responsible for payment.

Prices are net 30 and subject to price increase without notice. All items are subject to a price change, should import tariffs increase.

Additional charge of \$30.00 for changing current bronze fixture colors. Color changes will be high pressure spray painted, not powder coated. Modifications to fixtures will be nonreturnable and nonrefundable.

Refer to Poles and Mounting Accessories page for pricing. Color changes will be powder coated. Modifications to poles will be nonreturnable and nonrefundable.

10FT POLES
\$100 per pole

15FT POLES
\$120 per pole

20FT POLES
\$150 per pole

25FT POLES
\$180 per pole

30FT POLES
\$200 per pole