




TRIDONIC SIGNAGE LED Master Data List

02/12/2010 Mündle Klaus

Article number	Length of chain/engine	color	color temp. wavelength	Lumen per mod. per engine	Beam angle	Voltage	Current per mod per engine	Typ. power per module / engine	Efficiency	Modules per chain/engine	Distance betw. modules	Number of modules per length	Protection	Ambient temp. range ta	max. tc temp.	
PREMIUM IMA-PRE																
Constant Current																
	22185171	0,3 m (0,09 ft)	DL	6500 K	435 lm	30°	10,2 V	700 mA	7,20 W	60 lm/W	2	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185172	0,5 m (0,15 ft)	DL	6500 K	725 lm	30°	17,0 V	700 mA	12,00 W	60 lm/W	5	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185173	0,6 m (0,18 ft)	DL	6500 K	870 lm	30°	20,4 V	700 mA	14,40 W	60 lm/W	6	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185174	0,9 m (0,28 ft)	DL	6500 K	1.305 lm	30°	30,6 V	700 mA	21,60 W	60 lm/W	9	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185175	1,2 m (0,37 ft)	DL	6500 K	1.740 lm	30°	40,8 V	700 mA	28,80 W	60 lm/W	12	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185176	1,5 m (0,46 ft)	DL	6500 K	1.740 lm	30°	40,8 V	700 mA	28,80 W	60 lm/W	12	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
Constant Current non UL																
	24166454	0,3 m (0,09 ft)	DL	6500 K	435 lm	30°	10,2 V	700 mA	7,20 W	60 lm/W	2	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	24166455	0,5 m (0,15 ft)	DL	6500 K	725 lm	30°	17,0 V	700 mA	12,00 W	60 lm/W	5	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	24166457	0,6 m (0,18 ft)	DL	6500 K	870 lm	30°	20,4 V	700 mA	14,40 W	60 lm/W	6	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	24166457	0,9 m (0,28 ft)	DL	6500 K	1.305 lm	30°	30,6 V	700 mA	21,60 W	60 lm/W	9	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	24166458	1,2 m (0,37 ft)	DL	6500 K	1.740 lm	30°	40,8 V	700 mA	28,80 W	60 lm/W	12	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	24166459	1,5 m (0,46 ft)	DL	6500 K	1.740 lm	30°	40,8 V	700 mA	28,80 W	60 lm/W	12	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
Constant Voltage																
	22185187	0,3 m (0,09 ft)	DL	6500 K	290 lm	30°	12-48V	700 mA	6,20 W	47 lm/W	2	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185177	0,5 m (0,15 ft)	DL	6500 K	725 lm	30°	24-48V	700 mA	13,40 W	54 lm/W	5	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185178	0,6 m (0,18 ft)	DL	6500 K	870 lm	30°	48V	700 mA	15,80 W	55 lm/W	6	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185179	0,9 m (0,28 ft)	DL	6500 K	1.305 lm	30°	48V	700 mA	23,00 W	57 lm/W	9	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185180	1,2 m (0,37 ft)	DL	6500 K	1.740 lm	30°	48V	700 mA	30,20 W	58 lm/W	12	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C
	22185181	1,5 m (0,46 ft)	DL	6500 K	1.740 lm	30°	48V	700 mA	30,20 W	58 lm/W	12	mm	Mod/m (Mod/ft)	IP66	-30/+45 °C	65 °C

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SELECT IMA-SEL Constant Current																
	89601127	0,3 m (0,09 ft)	DL	6500 K	290 lm	30°	6.8 V	700 mA	4,80 W	60 lm/W	2	mm	Mod/m (Mod/ft)	IP20	-30/+60 °C	75 °C
	89601128	0,6 m (0,18 ft)	DL	6500 K	580 lm	30°	13.6 V	700 mA	9,60 W	60 lm/W	4	mm	Mod/m (Mod/ft)	IP20	-30/+60 °C	75 °C
	89601129	0,9 m (0,28 ft)	DL	6500 K	870 lm	30°	20.4 V	700 mA	14,40 W	60 lm/W	6	mm	Mod/m (Mod/ft)	IP20	-30/+60 °C	75 °C
	89601130	1,2 m (0,37 ft)	DL	6500 K	1.160 lm	30°	27.2 V	700 mA	19,20 W	60 lm/W	8	mm	Mod/m (Mod/ft)	IP20	-30/+60 °C	75 °C
	89601131	1,5 m (0,46 ft)	DL	6500 K	1.450 lm	30°	34.4 V	700 mA	24,00 W	60 lm/W	10	mm	Mod/m (Mod/ft)	IP20	-30/+60 °C	75 °C
SELECT P550-SEL Constant Voltage																
	22176602	2,2 m (0,68 ft)	CW	7500K	45 lm	155°	12 V	47 mA	0,56 W	80 lm/W	10	200 mm	5 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176600	20,2 m (6,22 ft)	CW	7500K	45 lm	155°	12 V	47 mA	0,56 W	80 lm/W	100	200 mm	5 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176604	2,2 m (0,68 ft)	CW	7500K	45 lm	155°	12 V	47 mA	0,56 W	80 lm/W	10	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176611	15,3 m (4,70 ft)	CW	7500K	45 lm	155°	12 V	47 mA	0,56 W	80 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176605	2,2 m (0,68 ft)	DL	6500 K	45 lm	155°	12 V	47 mA	0,56 W	80 lm/W	10	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176612	15,3 m (4,70 ft)	DL	6500 K	45 lm	155°	12 V	47 mA	0,56 W	80 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176618	2,2 m (0,68 ft)	NW	4200 K	37 lm	155°	12 V	47 mA	0,56 W	66 lm/W	10	200 mm	5 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176622	15,3 m (4,70 ft)	NW	4200 K	37 lm	155°	12 V	47 mA	0,56 W	66 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176625	2,2 m (0,68 ft)	WW	3000 K	34 lm	155°	12 V	47 mA	0,56 W	61 lm/W	10	200 mm	5 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176626	15,3 m (4,70 ft)	WW	3000 K	34 lm	155°	12 V	47 mA	0,56 W	61 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176623	2,2 m (0,68 ft)	YW	570nm	52 lm	155°	12 V	47 mA	0,56 W	93 lm/W	10	200 mm	5 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176624	15,3 m (4,70 ft)	YW	570nm	52 lm	155°	12 V	47 mA	0,56 W	93 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176606	2,2 m (0,68 ft)	R	626-636 nm	13 lm	155°	12 V	47 mA	0,56 W	23 lm/W	10	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176613	15,3 m (4,70 ft)	R	626-636 nm	13 lm	155°	12 V	47 mA	0,56 W	23 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176617	2,2 m (0,68 ft)	G	520-535nm	20 lm	155°	12 V	35 mA	0,42 W	48 lm/W	10	200 mm	5 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176619	15,3 m (4,70 ft)	G	520-535nm	20 lm	155°	12 V	35 mA	0,42 W	48 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176620	2,2 m (0,68 ft)	B	455-460nm	8 lm	155°	12 V	47 mA	0,56 W	14 lm/W	10	200 mm	5 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C
	22176621	15,3 m (4,70 ft)	B	455-460nm	8 lm	155°	12 V	47 mA	0,56 W	14 lm/W	100	150 mm	7 Mod/m (2 Mod/ft)	IP68	30/+55 °C	65 °C

All values at ta = 25 °C / Tolerance range for optical and electrical data: ±15 %
 hum. = protective coating to guard against superficial dewing (according to JEDEC JESD22 A100C) and high relative air humidity




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CLASSIC P540-CLA	Constant Voltage															
	22176603	1,3 m (0,40 ft)	CW	7500K	24 lm	140°	12 V	40 mA	0,48 W	50 lm/W	10	100 mm	10 Mod/m (3 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176601	5,3 m (1,63 ft)	CW	7500K	24 lm	140°	12 V	40 mA	0,48 W	50 lm/W	50	100 mm	10 Mod/m (3 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176607	1,3 m (0,40 ft)	DL	6500 K	24 lm	140°	12 V	40 mA	0,48 W	50 lm/W	10	100 mm	10 Mod/m (3 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176609	5,3 m (1,63 ft)	DL	6500 K	24 lm	140°	12 V	40 mA	0,48 W	50 lm/W	50	100 mm	10 Mod/m (3 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176608	1,3 m (0,40 ft)	R	626-636 nm	9 lm	140°	12 V	40 mA	0,48 W	19 lm/W	10	100 mm	10 Mod/m (3 Mod/ft)	IP68	-30/+55 °C	65 °C
	22176610	5,3 m (1,63 ft)	R	626-636 nm	9 lm	140°	12 V	40 mA	0,48 W	19 lm/W	50	100 mm	10 Mod/m (3 Mod/ft)	IP68	-30/+55 °C	65 °C
P516-SR	Constant Voltage															
	89600806	12,8 m (3,94 ft)	DL	6500 K	70 lm	120°	12 V	158 mA	1,90 W	37 lm/W	60	190 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+45 °C	65 °C
P503-2	Constant Voltage															
	89600595	1,0 m (0,30 ft)	DL	6500 K	8 lm	140°	12 V	20 mA	0,24 W	33 lm/W	10	60 mm	17 Mod/m (5 Mod/ft)	hum.	-25/+50 °C	75 °C
	89600594	1,0 m (0,30 ft)	NW	4200 K	6 lm	140°	12 V	20 mA	0,24 W	25 lm/W	10	60 mm	17 Mod/m (5 Mod/ft)	hum.	-25/+50 °C	75 °C
	89600585	1,0 m (0,30 ft)	R	619-629nm	10 lm	140°	12 V	40 mA	0,48 W	21 lm/W	10	60 mm	17 Mod/m (5 Mod/ft)	hum.	-25/+50 °C	75 °C
	89600556	1,0 m (0,30 ft)	G	520-535nm	6 lm	140°	12 V	20 mA	0,24 W	25 lm/W	10	60 mm	17 Mod/m (5 Mod/ft)	hum.	-25/+50 °C	75 °C
	89601062	1,0 m (0,30 ft)	B	455-460nm	1 lm	140°	12 V	16 mA	0,19 W	5 lm/W	10	60 mm	17 Mod/m (5 Mod/ft)	hum.	-25/+50 °C	75 °C
	89600586	1,0 m (0,30 ft)	A	584-594nm	9 lm	140°	12 V	40 mA	0,48 W	19 lm/W	10	60 mm	17 Mod/m (5 Mod/ft)	hum.	-25/+50 °C	75 °C



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P510-SC		Constant Voltage														
	89600944	4,7 m (1,43 ft)	CW	7500K	12 lm	140°	12 V	27 mA	0,32 W	38 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600724	4,7 m (1,43 ft)	DL	6500 K	12 lm	140°	12 V	35 mA	0,42 W	29 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600723	4,7 m (1,43 ft)	NW	4200 K	11 lm	140°	12 V	35 mA	0,42 W	26 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600722	4,7 m (1,43 ft)	WW	3000 K	10 lm	140°	12 V	35 mA	0,42 W	24 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600726	4,7 m (1,43 ft)	YW	570nm	14 lm	140°	12 V	35 mA	0,42 W	33 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600725	4,7 m (1,43 ft)	R	619-629nm	11 lm	140°	8 V	53 mA	0,42 W	26 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600720	4,7 m (1,43 ft)	G	520-535nm	7 lm	140°	12 V	35 mA	0,42 W	17 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89601060	4,7 m (1,43 ft)	B	455-460nm	2 lm	140°	12 V	27 mA	0,32 W	6 lm/W	30	145 mm	7 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
D511-3		Constant Voltage														
	89601108	2,6 m (0,80 ft)	PNK		lm	120°	12 V	mA	W	lm/W	15	154 mm	6 Mod/m (2 Mod/ft)	hum.	-25/+50 °C	75 °C
	89601058	2,6 m (0,80 ft)	RGB		lm	120°	12 V	mA	W	lm/W	15	154 mm	6 Mod/m (2 Mod/ft)	hum.	-25/+50 °C	75 °C
P515-2		Constant Voltage														
	89600715	4,3 m (1,32 ft)	DL	6500 K	21 lm	140°	12 V	40 mA	0,48 W	44 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600714	4,3 m (1,32 ft)	NW	4200 K	18 lm	140°	12 V	40 mA	0,48 W	38 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600713	4,3 m (1,32 ft)	YW	570nm	23 lm	140°	12 V	40 mA	0,48 W	48 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600589	4,3 m (1,32 ft)	R	619-629nm	20 lm	140°	12 V	55 mA	0,66 W	30 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600558	4,3 m (1,32 ft)	G	520-535nm	15 lm	140°	12 V	40 mA	0,48 W	31 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89601059	4,3 m (1,32 ft)	B	455-460nm	3 lm	140°	12 V	30 mA	0,36 W	8 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C
	89600590	4,3 m (1,32 ft)	A	584-594nm	17 lm	140°	12 V	55 mA	0,66 W	26 lm/W	20	200 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+55 °C	75 °C

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P516-2	Constant Voltage															
	89600768	2,5 m (0,78 ft)	DL	6500 K	70 lm	140°	12 V	158 mA	1,90 W	37 lm/W	12	190 mm	5 Mod/m (2 Mod/ft)	hum.	-25/+45 °C	65 °C
P521-3	Constant Voltage															
	89601057	1,5 m (0,47 ft)	DL	6500 K	36 lm	140°	24 V	79 mA	1,90 W	19 lm/W	5	230 mm	4 Mod/m (1 Mod/ft)	hum.	-25/+50 °C	75 °C
	89601056	1,5 m (0,47 ft)	NW	4200 K	41 lm	140°	24 V	79 mA	1,90 W	22 lm/W	5	230 mm	4 Mod/m (1 Mod/ft)	hum.	-25/+50 °C	75 °C
	89601055	1,5 m (0,47 ft)	WW	3000 K	49 lm	140°	24 V	79 mA	1,90 W	26 lm/W	5	230 mm	4 Mod/m (1 Mod/ft)	hum.	-25/+50 °C	75 °C