AirportLightingCompany

TP312 I-Lux LEDV3 LED Strip

Compliances (Current Editions)

Compliant with Transport Canada TP 312, 5th Edition

Intertek

Key Features

- IP68 LED Strip
- Aluminum cabinet
- Acrylic panels
- Stainless steel hardware
- Class
- The average LED life is 100,000 hours high intensity / 180,000 hours under typical operating conditions
- Platform for cabinet machined from solid, heavy-gauge aluminum construction – rather than aluminum cabinet
- Seamless panels display messages without distortion made of acrylic

General Catalog Numbers

CA-I□□J□.□SF□

Sign Size
2 = 600mm panel, 1200mm Overall Height
4 =1200mm Panel Height

Sign Style
2 = Style 2 (3 step 4.8A - 6.6A)
3 = Style 3 (5 step 2.8A - 6.6A)
5 = Style 5 (1 step 5.5A)
S = Solar

Light Option
J = LEDV3

Length *(meters)*
0.8 to 3.8
Size 4 – 1.0 only
(see chart on next page)

Sign Faces
SF = Single Face
DF = Double Face (Size 4 only)

Options
1 = On/Off Switch (with cover)
P = View Port
S = LED Lamp Out Indicator
L = Power Cord Through Leg
T = 300mm Character Height

Sign Size & Legend Height

Sign Size	2 600mm
Legend Height	400mm (Standard) or 300 mm

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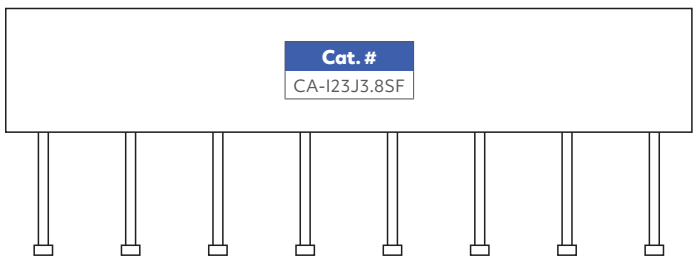
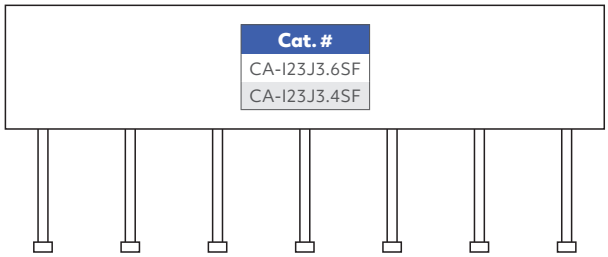
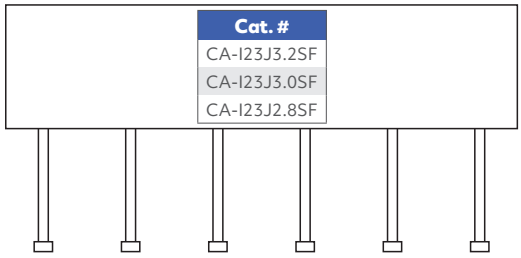
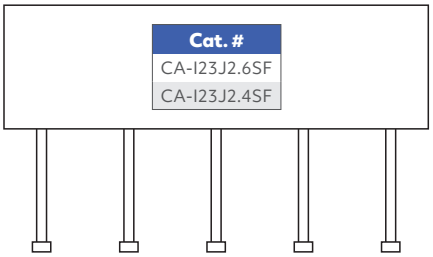
Specifications

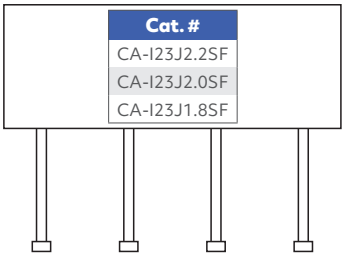
Cat. #	Sign Length	Visible Panel	Xfmr	VA	PF	Legs	Leg Centers	Edge to power leg
CA-I23J3.8SF	3800	3735	500	113	0.91	8	482	211
CA-I23J3.6SF	3600	3535	500	103	0.92	7	482	353
CA-I23J3.4SF	3400	3335	500	100	0.92	7	482	253
CA-I23J3.2SF	3200	3135	500	98	0.92	6	482	394
CA-I23J3.0SF	3000	2935	300	101	0.92	6	482	294
CA-I23J2.8SF	2800	2735	200	89	0.93	6	482	194
CA-I23J2.6SF	2600	2535	200	89	0.93	5	482	335
CA-I23J2.4SF	2400	2335	200	83	0.93	5	482	235
CA-I23J2.2SF	2200	2135	100	78	0.94	4	482	377
CA-I23J2.0SF	2000	1935	100	74	0.94	4	482	277
CA-I23J1.8SF	1800	1735	100	69	0.94	4	482	177
CA-I23J1.6SF	1600	1535	100	66	0.94	3	482	318
CA-I23J1.4SF	1400	1335	100	62	0.94	3	482	218
CA-I23J1.2SF	1200	1135	100	57	0.94	2	482	359
CA-I23J1.0SF	1000	935	100	52	0.94	2	482	259
CA-I23J0.8SF	800	735	100	48	0.94	2	482	159

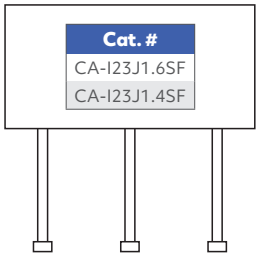


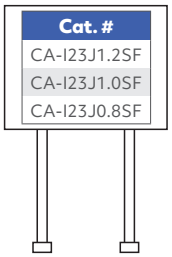












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Test Verification of Conformity

Verification Number: 104677408CRT-001TVOC

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	AGM Airfield Guidance Sign Mfrs Inc 108 Fairgrounds Dr Ste 8 Manlius, NY 13104-2450 USA
Product Description:	Internally Illuminated Mandatory / Informational sign & Runway Distance Marker
Ratings & Principal Characteristics:	Mandatory / Informational; Face-600mm Legend 400mm, 60" White LED light source, operating range 2.8A – 6.6A @ conditions less than RVR2600 (½ SM) Runway Distance Marker; Face-1200mm Legend-1,000mm, 175" White LED light source, operating range 2.8A @ conditions greater than RVR2600 (½ SM) & 3.4A – 6.6A @ conditions less than RVR2600 (½ SM) Internally lighted (night-time only), non-retroreflective
Models/Type References:	CA-I2XJX.XXFXX (Mandatory / Informational) & CA-I4XJX.XXFXX (Runway Distance Remaining)
Specification<s>/Standards:	Transport Canada Aerodrome Standards and Recommended Practices, Land Aerodromes, TP312, 5th Edition, Effective date: September 15, 2015, Updated Jan 15, 2020. Photometry - Sections 5.4.7.13 to 5.4.7.18 Chromaticity – Appendix 5A, Section 2.1.4 (not including daytime externally lighted conditions and luminance factors) Frangibility – Section 5.4.7.24 Lamps Out – Section 5.4.7.19 General – Sections 5.4.7.1 - 5.4.7.11
Verification Issuing Office Name & Address:	Intertek Testing Services NA, Inc. 3933 US Rt 11 Cortland, NY 13045 USA
Test Report Number(s):	104677408CRT-001, LED V2 TP312 Frangibility Report

Additional information in Appendix.

Signature:
Name: Jeremy N. Downs, P.E.
Position: Senior Staff Engineer
Date: 25 August 2021

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