



Transport
for NSW

Intelligent Transport Systems

Type Approval

Certificate No:	ITS-TAN000135
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Issued to:

Illuminating Power Technologies Pty Ltd

For:

Device Type	LED Traffic Signal Lanterns		
TfNSW Specification:	TSI-SP-045	Version:	2.0

Summary Scope:

Sizes: 200mm and 300mm

- Variants:
- 200mm Two Aspect Lanterns (Pedestrian, Bicycle and Pedestrian/Bicycle Combined)
 - 200mm/300mm Three Aspect Lanterns (Roundels, Arrows, Buses, Tee and Cross)

Note: Approved items and their part numbers are shown on the reverse side of this certificate.

Evaluation Reference:	ITS-EV0322	Approver	Snr Manager Specifications and Evaluations
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	8/8/2023

A) Description and itemisation of the products covered by the Type Approval:

Lantern Aluminium Housings (including Door Assemblies)	IPT Part Numbers
200mm Pedestrian	ITS2X2P
200mm Three Aspects	ITS2X3
300mm Three Aspects	ITS3X3
Signal Aspects	
200mm Ped Red (Don't Walk)	ITSR2X1S
200mm Ped Green (Walk)	ITSG2X1W
200mm Bicycle Red	ITSR2X1C
200mm Bicycle Green	ITSG2X1C
200mm Red Ped and Bicycle - combined	ITSR2X1CS
200mm Green Ped and Bicycle - combined	ITSG2X1CW
200mm Red Roundel	ITSR2X1
200mm Yellow Roundel	ITSY2X1
200mm Green Roundel	ITSG2X1
200mm Red Arrow	ITSR2X1A
200mm Yellow Arrow	ITSY2X1A
200mm Green Arrow	ITSG2X1A
200mm Red Bus	ITSR2X1B
200mm Yellow Bus	ITSY2X1B
200mm White Bus	ITSW2X1B
200mm White Tee	ITSW2X1T
300mm Red Roundel	ITSR3X1
300mm Yellow Roundel	ITSY3X1
300mm Green Roundel	ITSG3X1
300mm Red Arrow	ITSR3X1A
300mm Yellow Arrow	ITSY3X1A
300mm Green Arrow	ITSG3X1A
300mm Red Bus	ITSR3X1B
300mm Yellow Bus	ITSY3X1B
300mm White Bus	ITSW3X1B
300mm White Tee	ITSW3X1T
300mm Cross X Symbol Red	ITSR3XIX

Note: The type-approval of the products itemised above is based on their actual designs and related support documents, to maintain suitability of the type-approval it is required any variation / modification to these products shall be reviewed and accepted by TfNSW.

B) Summary of deviations from specified requirements

Nil

C) Relevant Specifications, Drawings and Standards:

TfNSW Specification: TSI-SP-045 "Traffic Signal Lanterns" (Version2.0)

Australian Standard: AS2144:2014 "Traffic Signal Lanterns"

D) Conditions of use

Certificates have status that relates to their validity, i.e. a certificate can be Withdrawn due to finding of substandard product quality or Lapsed due to revising of TfNSW specification.

Certificate users shall verify with TfNSW whether this certificate is Current, applicable to the latest TfNSW specification version, when using in situations where current validity is required.

E) Related Certification History.

Certificate Number	Issued	EV Number	Description or change details
N/A	N/A	N/A	N/A