



Transport
for NSW

Intelligent Transport Systems

Type Approval

Certificate No:	ITS-TAN000153
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Issued to:

Braums

For:

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

Summary Scope:

Sizes: 200mm and 300mm.

Evaluation Reference:	ITS-EV0359	Approver	Snr Manager Specifications and Evaluations
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	15 Apr 2024

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

HPSM lanterns as tabled below:

Lantern Description	Model number
200mm Roundel, 2 Aspect	BTLAA22RYN
200mm Roundel, 3 Aspect	BTLAA23GAN
200mm Pedestrian, 2 Aspect	BTLAP22N
200mm Bicycle, 2 Aspect	BTLAC22N
200mm Bicycle, 3 Aspect	BTLAC23N
200mm Bike/Ped combined, 2 Aspect	BTLAPC22N
200mm Bus, 3 Aspect	BTLAB23N
200mm 'T', 3 Aspect	BTLAT23N
200mm 'E', 1 Aspect	BTLAE21N
300mm Roundel, 2 Aspect	BTLAA33N
300mm Roundel, 3 Aspect	BTLAV33N
300mm Cross, 3 Aspect	BTLAX32N
300mm Bus, 3 Aspect	BTLAB33N

B) Summary of deviations from requirements

None

C) Relevant Specifications, Drawings and Standards:

TSI-SP-045 v2.0, TSI-SP-073 v1.0, and AS2144.

D) Conditions of use

1. No special conditions.

E) Related Certification History.

Certificate Number	Issued	EV Number	Description or change details
ITS-TAN000026, 28-31.	2018	ITS-EV0065	200mm Bus, 'T' and 'E' Lanterns 300mm Cross Lanterns
ITS-TAN000105 to 111	2020	ITS-EV0236	200mm & 300mm Roundels Lanterns 200mm PED and Bicycle Lanterns