

Subject: <b>StdsA406D Changes to Luminaires on Energy Queensland Contract 01345</b>	Control Ref No: StdsA406D
	Date Issued: 26/08/2019
	Supersedes: StdsA406C
For Policy/Procedure/Manual: <b>Queensland Public Lighting Construction Manual, 00796 &amp; Queensland Public Lighting Design Manual, 00767</b>	Expiry Date: 30/06/2020
Originating Dept: <b>Line Standards</b>	
Target Audience: <b>EQL / Northern / Southern / SouthEast</b>	

## 1. Amendment Record

Version	Date	Author	Amendments
Initial	16/04/2018	A. Bletchly	Initial Issue
A	23/04/2018	A. Bletchly	Add Construction Code for Stock Code 2467066 and add High Mast luminaires.
B	22/06/2018	A. Bletchly	Add Construction Codes for Stock Codes 2467090, 2467108, 2467116. Update construction codes for High Mast luminaires. Remove warning regarding the quarantine of the nostalgia luminaires.
C	20/02/2019	A. Bletchly	Add Construction Codes and Stock Codes for pedestrian crossing and watchman floodlights.
D	26/08/2019	A. Bletchly	Add Stock Codes and Construction Codes for the following: <ul style="list-style-type: none"> <li>StreetLED Mk III</li> <li>StreetLED L33 &amp; L33A</li> <li>3000K StreetLED options</li> <li>200W Tango Floodlight Asymmetrical Beam</li> </ul> Remove Stock Codes and Construction Codes for StreetLED Mk II. Include Construction Code for GE Inspire, supplied by Light Source Solution.

## 2. Objective

This Standards Alert is to advise of the changes to luminaires on Energy Queensland Contract 01345 to items in the Northern and Southern (Ergon), and South East (Energex) regions.

## 3. Introduction

Contract 01345 for Luminaires, Lamps and PE Cells has been finalised. This contract includes a range of LED luminaires for Category V (Major Road) and Category P (Minor Road) lighting and LED floodlights for Pedestrian Crossings and Watchman.

## 4. New Items

The following lists all the Category V (Major Road) and Category P (Minor Road) LED luminaires and Pedestrian Crossing and Watchman LED Floodlights which have been added to the current range of luminaires in the Queensland Public Lighting Construction Manual (QPLCM).

Page 1 of 6	<i>This Standards Alert will remain in force until either the expiry date is exceeded, or update of the relevant sections of the specified manuals has occurred.</i> <b>StdsA406D Changes to Luminaires on Energy Queensland Contract 01345</b>	A. Bletchly
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Energy Queensland Stock Code	Supplier	Description
<b>Major Road</b>		
2467041	Light Source Solutions	FIXTURE,LIGHTING Light Source Solutions Inspire T20A 50W (L50) c/w NEMA PE Cell, Major Road, EQTS 05-01-02 (scm)
2467058	Philips Lighting	FIXTURE,LIGHTING Philips Lighting RoadFlair BRP391 LED60 50 W (L50), Major Road, EQTS 05-01-02 (scm)
2467066	Philips Lighting	FIXTURE,LIGHTING Philips Lighting RoadFlair BRP392 LED108 90 W (L90), Major Road, EQTS 05-01-02 (scm)
2467074	Philips Lighting	FIXTURE,LIGHTING Philips Lighting RoadFlair BRP391 LED96 80 W (L80), Major Road, EQTS 05-01-02 (scm)
2467090	Philips Lighting	FIXTURE,LIGHTING Philips Lighting RoadFlair BRP393 LED204 170 W (L170), Major Road, EQTS 05-01-02 (scm)
2467108	Philips Lighting	FIXTURE,LIGHTING Philips Lighting RoadFlair BRP394 LED324 270 W (L270), Major Road, EQTS 05-01-02 (scm)
2467116	Philips Lighting	FIXTURE,LIGHTING Philips Lighting RoadFlair BRP393 LED288 240 W (L240), Major Road, EQTS 05-01-02 (scm)
<b>High Mast</b>		
2467124	Gerard Lighting	FIXTURE,LIGHTING High Mast, Gerard Lighting RoadLED 100 W (L100) 4K c/w NEMA PE Cell, Major Road, EQTS 05-01-02 (scm)
2467132	Gerard Lighting	FIXTURE,LIGHTING High Mast, Gerard Lighting RoadLED 175 W (L175) 4K c/w NEMA PE Cell, Major Road, EQTS 05-01-02 (scm)
2467140	Gerard Lighting	FIXTURE,LIGHTING High Mast, Gerard Lighting RoadLED 300 W (L300) 4K c/w NEMA PE Cell, Major Road, EQTS 05-01-02 (scm)
<b>Minor Road</b>		
2469690	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting StreetLED MKII 14 W (L17) 4K, c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)
2471621	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting StreetLED MKII 14 W (L17) 3K, c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)
2469708	Gerard Lighting	FIXTURE,LIGHTING 17W StreetLED MkIII (L17A) 4K Aeroscreen c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)
2471639	Gerard Lighting	FIXTURE, LIGHTING 17W StreetLED MKIII (L17A) 3K c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)
2469724	Gerard Lighting	FIXTURE,LIGHTING 24W StreetLED MkIII (L24A) 4K Aeroscreen c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)
2469716	Gerard Lighting	FIXTURE,LIGHTING 28W StreetLED MkII (L33A) 4K Aeroscreen c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)

Energy Queensland Stock Code	Supplier	Description
2471647	Gerard Lighting	FIXTURE, LIGHTING 30W StreetLED MkII (L33A) 3K Aeroscreen c/w NEMA PE Cell, Minor Road, EQTS 05-01-02 (scm)
<b>Nostalgia</b>		
2457687	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 17 W (L17), Nostalgia Type 1, Bottle Green c/w NEMA PE Cell, & Bracket to Dwg. 05-01-01, Minor Road, EQTS 05-01-02 (scm)
2457711	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 17 W (L17), Nostalgia Type 1, Black c/w NEMA PE Cell Lamp & Bracket, Minor Road, EQTS 05-01-02 (scm)
2456457	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 17 W (L17), Nostalgia Type 1, Blue/Grey c/w NEMA PE Cell, & Bracket to Dwg. 05-01-01, Minor Road, EQTS 05-01-02 (scm)
2457695	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 25 W (L25), Nostalgia Type 1, Bottle Green c/w NEMA PE Cell & Bracket to Dwg. 05-01-01, Minor Road, EQTS 05-01-02 (scm)
2457729	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 25 W (L25), Nostalgia Type 1, Black c/w NEMA PE Cell & Bracket to Dwg. 05-01-01, Minor Road, EQTS 05-01-01 (scm)
2457653	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 25 W (L25), Nostalgia Type 1, Blue/Grey c/w NEMA PE Cell & Bracket to Dwg. 05-01-01, Minor Road, EQTS 05-01-02 (scm)
2462141	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 17 W (L17), Nostalgia Type 2, Bottle Green c/w NEMA PE Cell & Bracket to Dwg. 05-01-07, Minor Road, EQTS 05-01-02 (scm)
2462158	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 17 W (L17), Nostalgia Type 2, Black c/w NEMA PE Cell & Bracket to Dwg. 05-01-01, Minor Road, EQTS 05-01-02 (scm)
2457737	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 17 W (L17), Nostalgia Type 2, Blue/Grey c/w NEMA PE Cell & Bracket to Dwg. 05-01-07, Minor Road, EQTS 05-01-02 (scm)
2462166	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 25 W (L25), Nostalgia Type 2, Bottle Green c/w NEMA PE Cell & Bracket to Dwg. 05-01-07, Minor Road, EQTS 05-01-02 (scm)
2462174	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 25 W (L25), Nostalgia Type 2, Black c/w NEMA PE Cell & Bracket to Dwg. 05-01-07, Minor Road, EQTS 05-01-02 (scm)
2457745	Gerard Lighting	FIXTURE,LIGHTING Gerard Lighting Modular LED 25 W (L25), Nostalgia Type 2, Blue/Grey c/w NEMA PE Cell & Bracket to Dwg. 05-01-07, Minor Road, EQTS 05-01-02 (scm)
<b>Pedestrian</b>		

Energy Queensland Stock Code	Supplier	Description
2467330	Philips Lighting	FIXTURE,LIGHTING 100W Tango G3 LED Flood, Pedestrian Crossing, 4K Asymmetrical Medium Beam, EQTS 05-01-02 (scm)
2467348	Philips Lighting	FIXTURE, LIGHTING 200W Tango G3 LED Flood, Pedestrian Crossing, 4K Asymmetrical Medium Beam, EQTS 05-01-02 (scm)
2467355	Gerard Lighting	FIXTURE,LIGHTING 300W Pierlite Quantum LED Floodlight, Pedestrian Crossing, 4K c/w NEMA PE Cell, EQTS 05-01-02 (scm)
<b>Watchman</b>		
2467413	Philips Lighting	FIXTURE,LIGHTING 70W Tango G3 LED Flood, Watchman, 4K Symmetrical Wide Beam, EQTS 05-01-02 (scm)
2467421	Philips Lighting	FIXTURE,LIGHTING 100W Tango G3 LED Flood, Watchman, 4K Symmetrical Wide Beam, EQTS 05-01-02 (scm)
2467439	Philips Lighting	FIXTURE,LIGHTING 200W Tango G3 LED Flood, Watchman, 4K Symmetrical Wide Beam, EQTS 05-01-02 (scm)

## 5. CIE Table

CIE table (i-tables) for the full range of current approved lights can be obtained from Ergon Energy or Energex Line Standards by contacting the people listed in the further information section, Section 8.

## 6. Construction Code (CU's)

The following CU's have been created for the LED Luminaires.

Construction Code (CU)	Stock Code	Reference
<b>Major Road</b>		
SLEDGE0501A	2467041	Light Source Solutions Inspire T20A 50W
SLEDPH0509A	2467058	Philips Lighting RoadFlair BRP391 LED60 50W
SLEDPH0912A	2467066	Philips Lighting RoadFlair BRP392 LED108 90W
SLEDPH0808A	2467074	Philips Lighting RoadFlair BRP391 LED96 80W
SLEDPH1716A	2467090	Philips Lighting RoadFlair BRP393 LED204 170W
SLEDPH2664A	2467108	Philips Lighting RoadFlair BRP394 LED324 270W
SLEDPH2356A	2467116	Philips Lighting RoadFlair BRP393 LED288 240W
<b>High Mast</b>		
SLEDGL1004H Refer Note 1.	2467124	Gerard Lighting Sylvania RoadLED 100W High Mast
SLEDGL1749H Refer Note 1.	2467132	Gerard Lighting Sylvania RoadLED 175W High Mast
SLEDGL3096H Refer Note 1.	2467140	Gerard Lighting Sylvania RoadLED 300W High Mast
<b>Minor Road</b>		

Construction Code (CU)	Stock Code	Reference
SLEDGL0167N	2469690	Gerard Lighting StreetLED MkIII 17W 4K
SLEDGL0167N3	2471621	Gerard Lighting StreetLED MkIII 17W 3K c/w -5° adaptor
SLEDGL0167A	2469708	Gerard Lighting StreetLED MkIII 17W 4K Aeroscreen
SLEDGL0167A3	2471639	Gerard Lighting StreetLED MkIII 17W 3K Aeroscreen c/w -5° adaptor
SLEDGL0244A	2469724	Gerard Lighting StreetLED MkIII 24W 4K Aeroscreen
SLEDGL0325A	2469716	Gerard Lighting StreetLED MkII 4K 33W Aeroscreen
SLEDGL0325A3	2471647	Gerard Lighting StreetLED Mk II 3K Aeroscreen
<b>Nostalgia</b>		
SLEDGL01711	2457687	Gerard Lighting Modular LED 17W, Nostalgia Type 1, Bottle Green
SLEDGL01712	2457711	Gerard Lighting Modular LED 17W, Nostalgia Type 1, Black
SLEDGL01713	2456457	Gerard Lighting Modular LED 17W, Nostalgia Type 1, Blue/Grey
SLEDGL02501	2457695	Gerard Lighting Modular LED 25W, Nostalgia Type 1, Bottle Green
SLEDGL02502	2457729	Gerard Lighting Modular LED 25W, Nostalgia Type 1, Black
SLEDGL02503	2457653	Gerard Lighting Modular LED 25W, Nostalgia Type 1, Blue/Grey
SLEDGL02981	2457703	Gerard Lighting Modular LED 30W, Nostalgia Type 1, Bottle Green
SLEDGL02982	2457661	Gerard Lighting Modular LED 30W, Nostalgia Type 1, Black
SLEDGL02983	2456465	Gerard Lighting Modular LED 30W, Nostalgia Type 1, Blue/Grey
SLEDGL01714	2462141	Gerard Lighting Modular LED 17W, Nostalgia Type 2, Bottle Green
SLEDGL01715	2462158	Gerard Lighting Modular LED 17W, Nostalgia Type 2, Black
SLEDGL01716	2457737	Gerard Lighting Modular LED 17W, Nostalgia Type 2, Blue/Grey
SLEDGL02504	2462166	Gerard Lighting Modular LED 25W, Nostalgia Type 2, Bottle Green
SLEDGL02505	2462174	Gerard Lighting Modular LED 25W, Nostalgia Type 2, Black
SLEDGL02506	2457745	Gerard Lighting Modular LED 25W, Nostalgia Type 2, Blue/Grey
SLEDGL02984	2462182	Gerard Lighting Modular LED 30W, Nostalgia Type 2, Bottle Green
SLEDGL02985	2462190	Gerard Lighting Modular LED 30W, Nostalgia Type 2, Black
SLEDGL02986	2457752	Gerard Lighting Modular LED 30W, Nostalgia Type 2, Blue/Grey

Construction Code (CU)	Stock Code	Reference
<b>Pedestrian Crossing</b>		
SLEDPH1012F	2467330	Philips Lighting Tango G3 LED Flood 100W 4K Asymmetrical Medium Beam
SLEDPH2029F	2467348	Philips Lighting Tango G3 LED Flood 200W 4K Asymmetrical Medium Beam
SLEDGL3128F	2467355	Gerard Lighting Pierlite Quantum 300W LED Floodlight
<b>Watchman</b>		
SLEDPH0713W	2467413	Philips Lighting Tango G3 LED Flood 70W 4K Symmetrical Wide Beam
SLEDPH1012W	2467421	Philips Lighting Tango G3 LED Flood 100W 4K Symmetrical Wide Beam
SLEDPH2029W	2467439	Philips Lighting Tango G3 LED Flood 200W 4K Symmetrical Wide Beam

**Note 1:** Change in construction code for these luminaires is due to different photometric for these luminaires to better match the performance of the High Pressure Sodium luminaire.

## 7. Update to Manuals / Documents

These luminaires have been included in Issue 8 of the Queensland Public Lighting Construction Manual and will be included in the next issue of the Queensland Public Lighting Design Manual.

## 8. Further Information

For further information, please contact:

Adam Bletchly, Phone (07) 4931 2783, email [adam.bletchly@energyq.com.au](mailto:adam.bletchly@energyq.com.au)  
Kim Slater, Phone (07) 4931 2280, email [kim.slater@energyq.com.au](mailto:kim.slater@energyq.com.au)  
Paul Relf, Phone (07) 3664 4797, email [paul.relf@energyq.com.au](mailto:paul.relf@energyq.com.au)