



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1311
Page 1 of 2

CERTIFICATE OF COMPLIANCE
(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to Raytec Ltd.

Address Unit 15 Wansbeck Business Park, Rotary Parkway
Ashington, Northumberland
NE63 8QW, United Kingdom

Project Number LR1311-2R5

Product SPARTAN LED Linear Luminaire without or with emergency light operation.

Model Number SPZ-WLXX-STD, SPZ-WLXX-Emergency
See Annex below for full model code

Ratings Class I, Div 2, Gp ABCD T4 toT6
Class II, Div 1, Div 2, Gp E,F,G
Tamb = -40°C to +45°C or +55°C
Enclosure Type 4X

Applicable Standards Standard: 110-254 Vac 50/60 Hz or 18-40 Vdc, 34 or 68 W
Emergency: 110-254 Vac 50.60Hz, 34 or 68 W
CSA C22.2 No. 94.2-07, CSA C22.2 No 25-M1966
CSA C22.2 No. 213-M1987, CSA C22.2 No. 250.13-14
CSA C22.2 No. 141-15,
ANSI/ISA 12.12.01-2013, UL 1203 – 5th ed., UL 50E 1st ed
UL 8750-1st ed., UL 924 10th ed, UL 844 13th ed

Factory/Manufacturing Location Same as Applicant

Statement of Compliance: The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: **Dave Adams, P. Eng.**
Manager, Hazardous Locations Dept. [Ex. Equipment]

Signature: 

Date: September, 13, 2021



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File
LR1311
Page 2 of 2

ANNEX

SPARTAN LED Linear Luminaire,

Standard Model SPZ-WLXX-xy –C1D2 Series

Emergency model: SPZ-WLXX-EMXab-C1D2 Series

Model number with suffix:

Option: * XX: No. of LED, 84 or 168
 xv: In put voltage. –HV: high voltage (110-254 Vac), -LV: Low voltage (18-40Vdc)
 EMXab: % of Light output in Emergency mode.
 C1D2: Unit with protection level, Class I Div 2. Gr. A B C D. Class II. Div 1, 2 Gr. E F G

Ratings:

Model #	SPZ-WL84-CID2	SPZ-WL168-CID2	-Emergency	
Input Voltage	110-254 Vac(-HV) or 18-40 Vdc (-LV)		110-254 Vac	
Mains frequency	50/60 Hz			
No. of LED's	84	168	84	168
Max. power consumption	34 W	68 W	34W	68W
Ingress protection	Enclosure type 4X			

T-Code

Temperature Code	Upper ambient
T4	55°C
T5	55°C
T6	40°C

Emergency Code

Code:	Light output in Emergency mode	Time (Min)
EMX25	25%	180
EMX50	50%	90
EMX75	75%	60
EMX100	100%	45