





DATA SHEET FOR LIGHTING FIXTURES

HP02-00-EL-DAS-0004

A	6-Nov-23	Issue for Review		N.M.A	N.T.T	N.T.S	V.L.T
REV. NO.	DATE	DESCRIPTION		PREP'N	CHECK	REVIEW	APPROVAL
REV. NO.	DISCIPLINE	PREPARATION	CHECK	REVIEW		APPROVAL	
A	ELECTRICAL						
		N.M.A	N.T.T	N.T.S		V.L.T	

CLIENT:	TOP SOLVEN (VIETNAM) LIMITED LIABILITY COMPANY	DOC. NO:	HP02-00-EL-DAS-0004
PROJECT:	HAI PHONG 2 PROJECT	REV. NO:	A
LOCATION:	DVIZ - HAI PHONG	PAGE:	2 OF 2

EXPLOSION-PROOF LIGHTING FIXTURES		
I	GENERAL	
1	Device & model:	(VTC)
2	Manufacturers:	(VTC)
3	Country of Origin:	(VTC)
II	SERVICE CONDITION	
1	Hazardous Area Classification:	Zone 2, IIA, T4
2	Max ambient Air Temp (outdoor):	40 ⁰ C
3	Min ambient Air Temp (outdoor):	-5 ⁰ C
4	Relative Humidity:	90%
5	Attitude:	1000m
III	CONFIGURATION	
1	Type	Explosion-proof, lighting fixtures (Outdoor)
2	Quantity	The quantity of Lighting Fixtures are stated in MTO
3	Lamp	LED
4	Power consumption	18W x 2
5	Main supply	110-265V AC, 50/60 Hz
6	Power factor	>0.9
7	Color temperature	4000-5400K
8	Color Rendering Index	> 70
9	Light Color	Natural White (NW)
10	Material	- Enclosure: FRP polyester - Glass tube: Polycarbonate
11	Lifetime	50,000 hours
12	Mounting Type	Poly type c/w all Mounting accessories
13	Ingress protection	Min. IP65
14	Hazardous area	Zone 2, Ex 'de', IIA, T4
15	Luminous flux	2600lm
16	Light efficacy	>65lm/W
17	Dimensions	1380 x 134 x 222 mm (VTA)
18	Certifications	ATEX comply IEC 60079 or equivalent
19	Cable entry size	2 X M20 Threaded Gland Entries C/W Ex 'd' Certified Plugs
20	Terminal block	Suitable for 3c x 4mm ² max. Conductor with Loop wiring (Loop in, Loop out)
21	Apply location	Pump station, Tank farm area
IV	PICTURE	
V	OTHER REQUIREMENTS	
1	All Cable glands shall be fitted a suitably size PVC or PCP shroud	
2	Lighting Fixtures shall be completed with poly mounting accessories	
3	Certificate for Hazardous area shall be provided by third party	
4	The contractor and related parties must re-check the suitability of equipment and materials for the project before placing an order or construction.	
5	VTC = VENDOR TO CONFIRM, VTA = VENDOR TO ADVISE	