



TIS 1955-2542



ISO9001:2008

Technical data

Type of Protection: Ex de IIA T6

Conforming to : Standards IEC 60079-0/1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP66/67 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to + 50 °C Only Body -40°

Rated Voltage : 220-240V.AC. 50/60Hz.

Type :DRTS

Lamp : Fluorescent 18/20w., 36/40w.Socket G 13

Ballast : Rabbit - Start 20,40w. or Electronic 18,36w.

Enclosure entry holes : Direct entry 2 x 3/4" NPT.

Power factor cos : P.F. ≥ 0.95

Protection class for UL. : Class I, Division 1 or 2 Group.C,D
Class II, Division 1 or 2 Groups.E,F,G
Class III

Protection class for IEC : Zone1 and Zone 2

Options : Fixture hangle box 2 way 2x3/4'

Stopping plug 1x3/4" and Ceiling Saddle 1x3/4"

Transparent cover : Borosilicate - glass

Reflector : High grade aluminium anodised reflector

Weight : 17 kg

Applications:

The **DRTS** Fluorescent Lighting Fixtures are suitable to use for Use inside paint spray booths where hazardous fumes, gases, oil refineries, petrochemical plants, paint manufacturing plants, flour mills, and paint residue are present. This includes powder paint process areas.

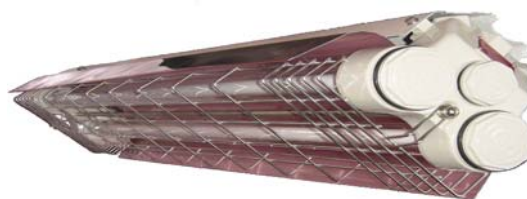
Pendant mounting indoor, outdoor or wet and corrosive locations

Features:

- Continuous and uniform illumination made possible by mounting end to end (nospace needed between fixtures for relamping)
- No special tools required for relamping Threaded lamp tube cover provides quick and easy access for relamping.
- Reflectors can be removed, replaced, adjusted with only a screwdriver.
- Body is made from copper free aluminium alloy and coated with epoxy-polyester powder for high corrosion resistant.
- Ballast meet IEC 60928/TIS885-2532, TIS 1955-2542
- Heavy-duty glass lamp tubes provide maximum strength and impact resistance to protect lamps.
- Easy to install.Factory sealed and wired Fixture Facilitates installation

Standard Materials:

- Copper-Free aluminum except sheet aluminum alloy
- Blrrocilicate glass, heat and impact resistant.
- Reflector ☆ - Aluminum



TYPE DRTS 240G



TYPE DRTS 240



TYPE DRTS 140



TYPE DRTS 140G

Standard Finishes:

- Copper-free aluminium - Epoxy-polyester power coated.
- Stainless steel - Natural
- Sheet - Epoxy - polyester powder coated.

Options:

For suitability for locations and locations having deposits of readily combustible paint residue add- suffix - **D**

Guard (Stainless steel) add - suffix - **G**

- ☆ Reflector (aluminium or Stainless steel), add suffix - **A,S**
- Emergency power pack,add- suffix - **E**


Bosston

A QUALITY PRODUCT

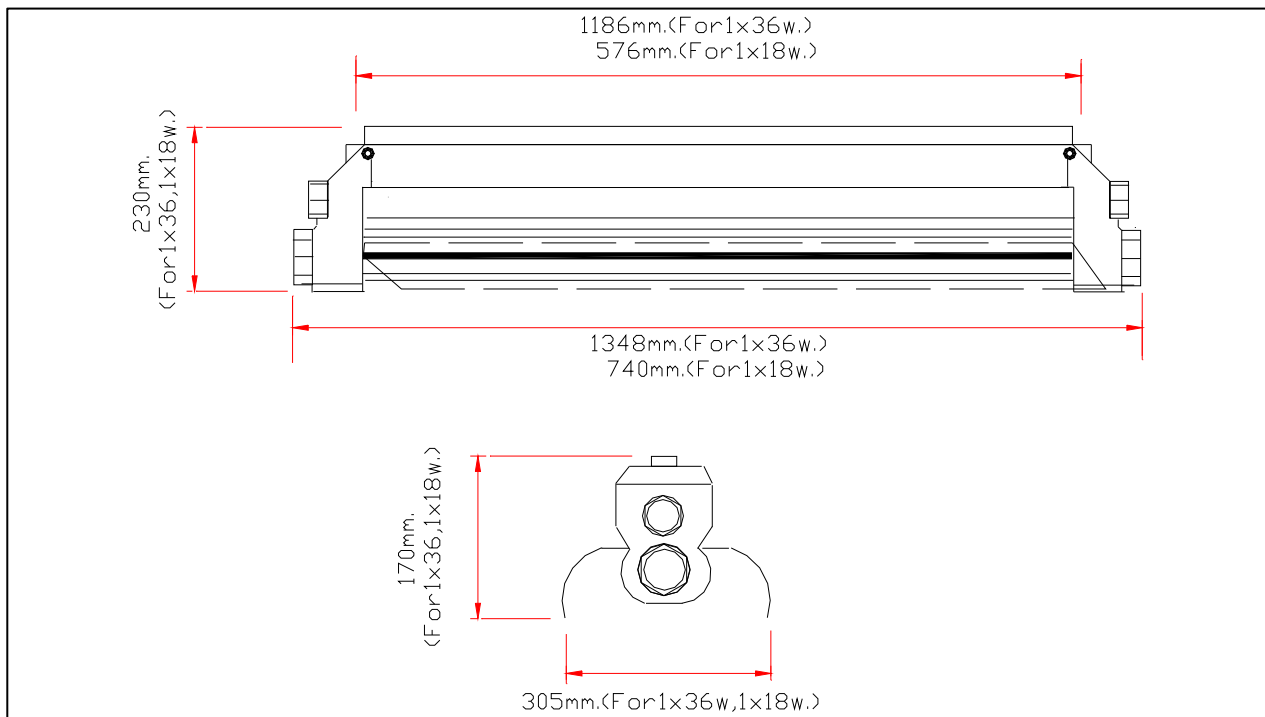
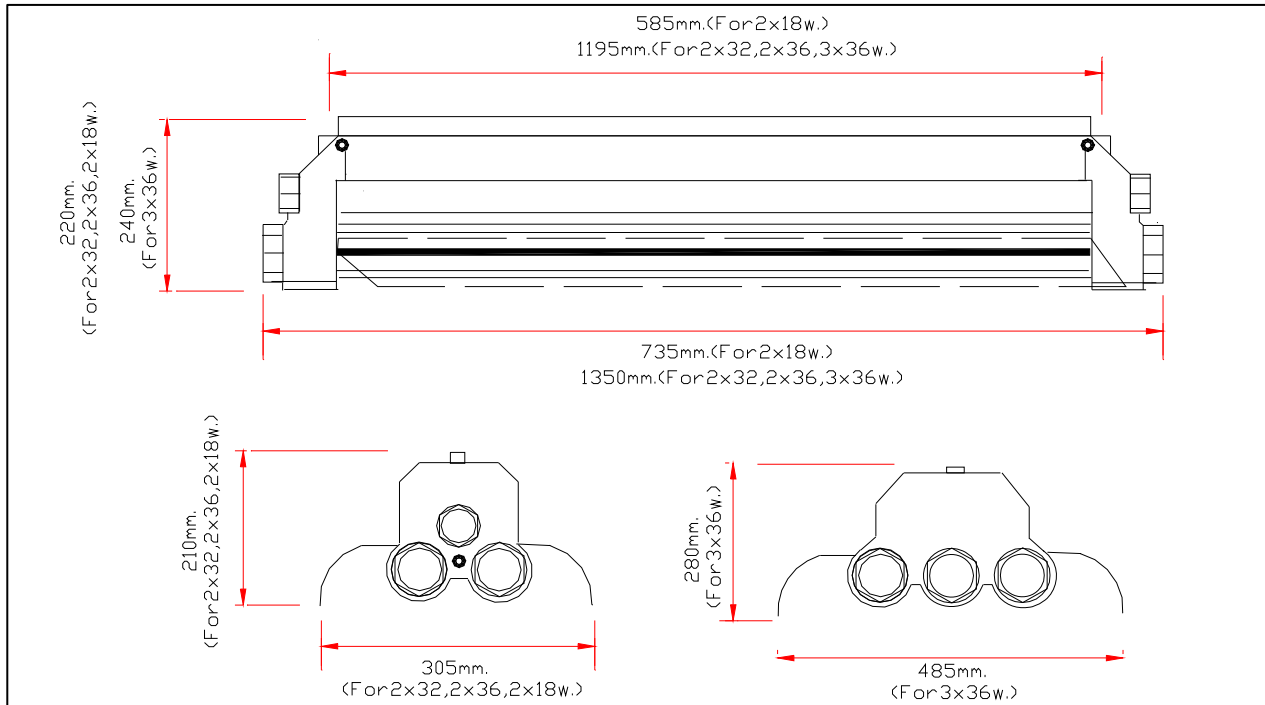
FLUORESCENT FIXTURES FOR HAZARDOUS LOCATIONS

EXPLOSIONPROOF

For UL.60079-1 Standard Class I, II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2

Dimension In MM.



FLUORESCENT FIXTURES FOR HAZARDOUS LOCATIONS



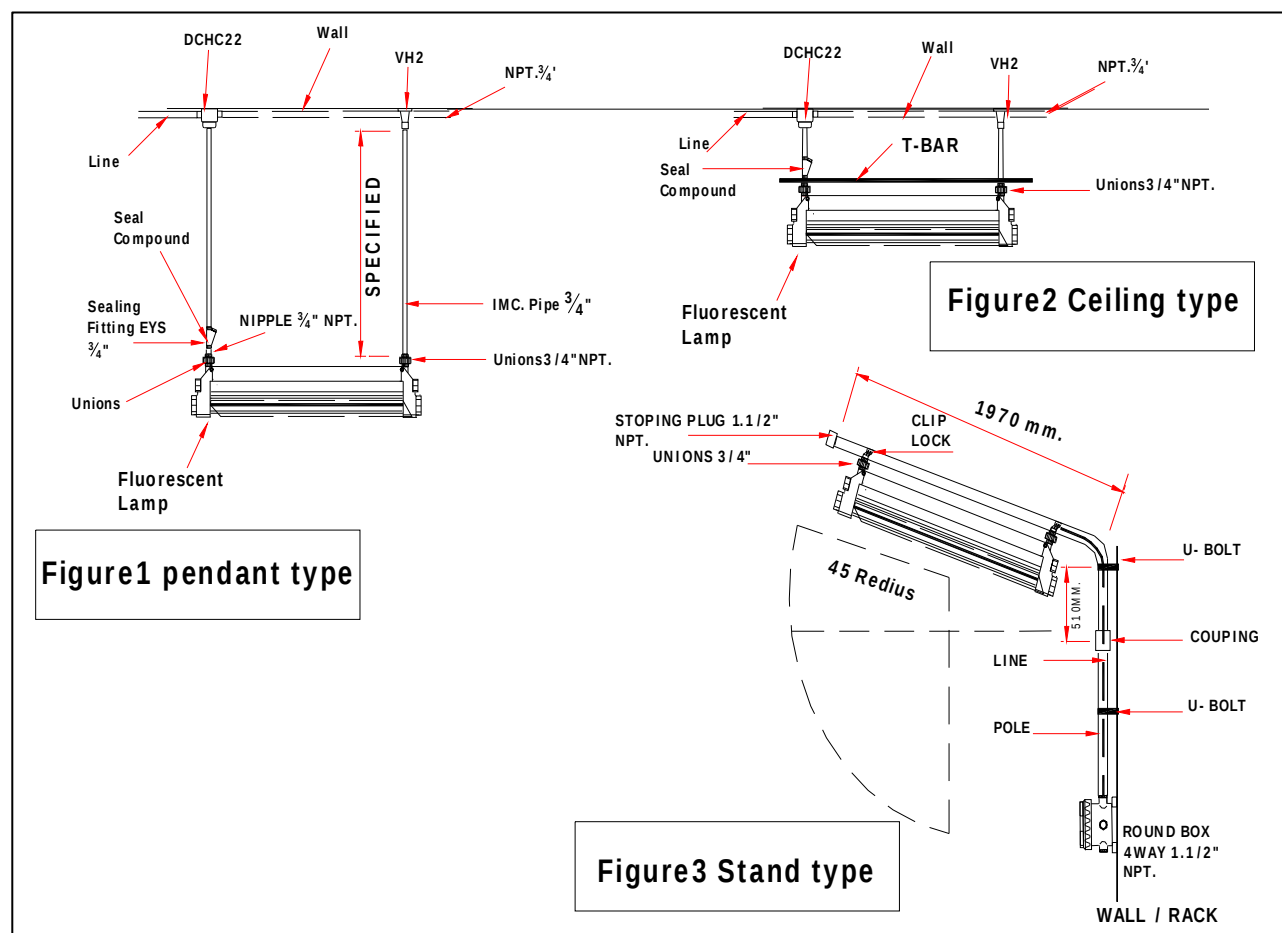
EXPLOSIONPROOF

For UL.60079-1 Standard Class I, II Div.1 and 2 Groups C,D,E,F and G

Bosston
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For IEC.60079-0/1 Standard Zone 1 and Zone 2

Typical Installations



Catalogue Numbers:

Lamp Watts:	Cat.,No.	Weight	With Guard	Weight	Temp.Class (Surface Temp.)	
		(kgs.)	Cat.,No.	(kgs.)	40 C Ta	55 C Ta
1 x 18w.	DRTS120	9.80	DRTS 120G	10.20	T 6	T 6
1x36w.	DRTS 140	7.60	DRTS 140G	8.40	T 6	T 6
2X18W.	DRTS 220	12.40	DRTS 220G	12.80	T 6	T 6
2X32W.	DRTS 232	18.90	DRTS 232G	19.00	T 6	T 6
2X36W.	DRTS 240	17.30	DRTS 240G	17.80	T 6	T 6
3x36W.	DRTS 336	20.30	DRTS 336G	21.28	T 6	T 6

Note : The lighting fixture is inclusively supplied only lamp tube , ballast , Fixture Hangle(DCHC22),

Ceiling Saddle(VH2) , The other fittings for installation shall be separately ordered.


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A QUALITY PRODUCT

FLUORESCENT FIXTURES FOR HAZARDOUS LOCATIONS

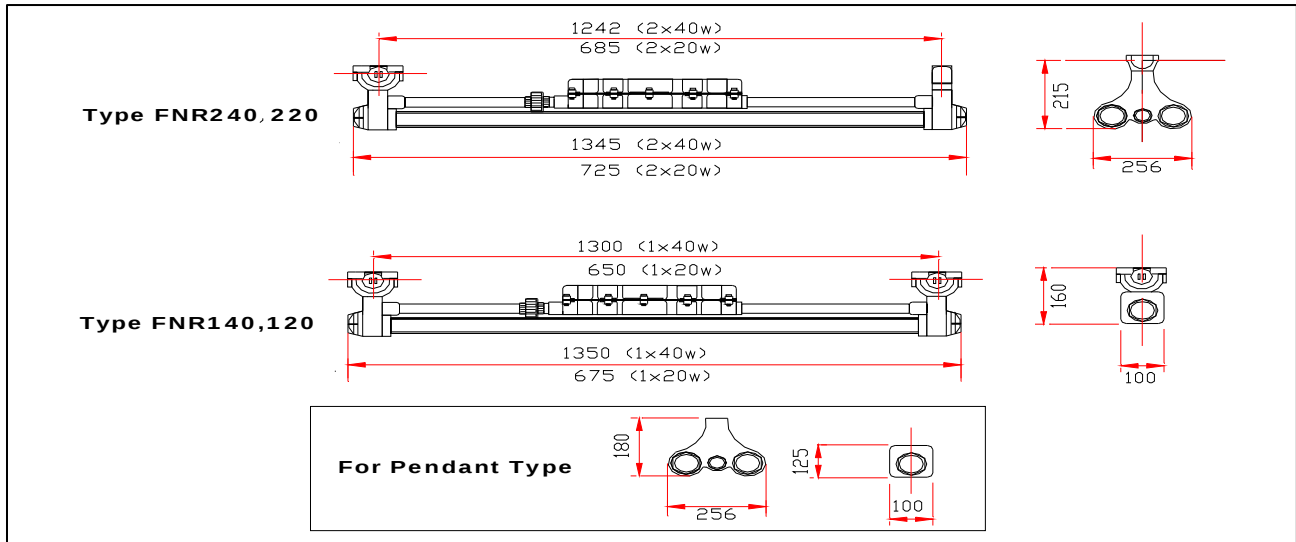
EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2

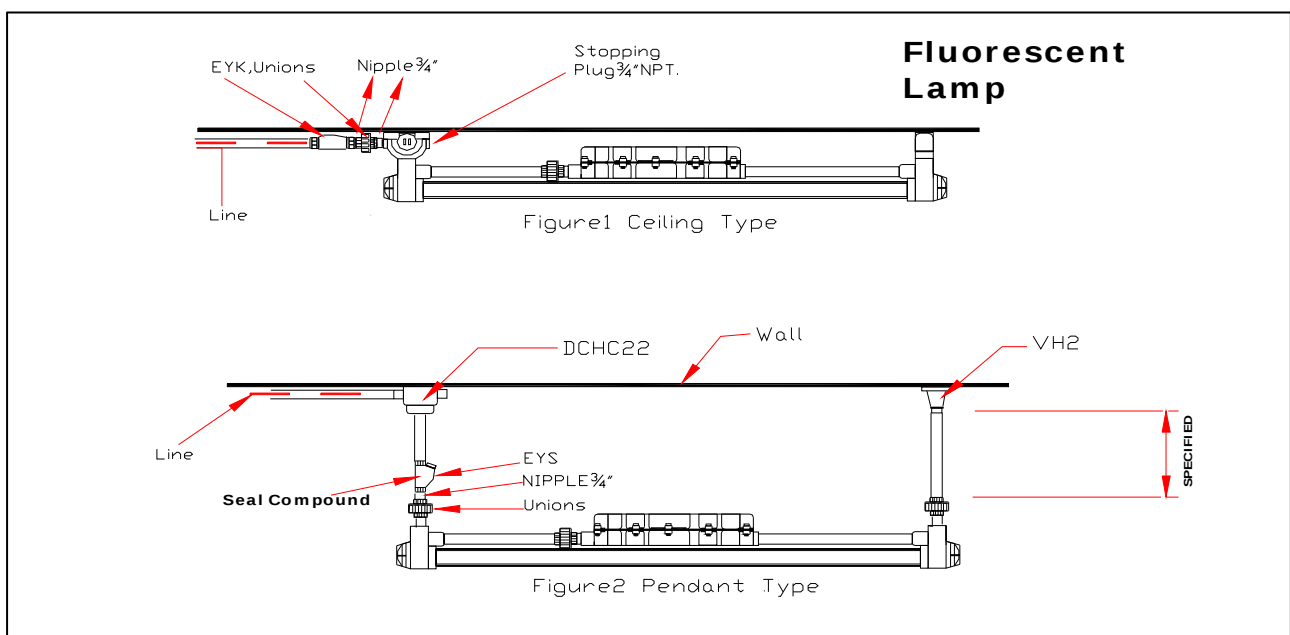
A QUALITY PRODUCT

Dimension In MM.



Catalogue Numbers:					Ceiling		Pendant	
	Ceiling	Weight	Pendant	Weight	With Guard	Weight	With Guard	Weight
Lamp Watts:	Cat.,No.	(kgs.)	Cat.,No.	(kgs.)	Cat.,No.	(kgs.)	Cat.,No.	(kgs.)
1 x 18w.	FNR 120	3.80	FNR 120P	3.00	FNR 120 G	4.20	FNR 120GP	3.40
1x36w.	FNR 140	7.60	FNR 140P	6.80	FNR 140 G	8.40	FNR 140GP	7.60
2X18W.	FNR 220	5.80	FNR 220P	4.80	FNR 220 G	6.40	FNR 220GP	5.40
2X36W.	FNR 240	11.60	FNR 240P	10.60	FNR 240 G	12.80	FNR 240GP	11.80

Typical Installations





FLUORESCENT INDUSTRIAL LIGHTING FIXTURES ENCLOSED AND GASKETED (VAPORTIGHT)

Certification Number:



TIS 1955-2542



ISO9001:2008

Technical data

Type of Protection: Ex nd IIA T6

Conforming to : Standards IEC 60079-15

Marking for test : Ex II2G

Degree of Protection : IP65 IEC 60529

Ambient Temp. (Ta) : -20°C to + 50°C

Rated Voltage : 220-240V.AC. 50/60Hz.

Type : FWF

Lamp : Fluorescent 18 / 36w.Socket G13

Ballast : Rabbit - Start 20,40w. or Electronic 18,36w.

Enclosure entry holes : Direct entry 2 x 1/2" NPT.

Power factor cos : P.F. ≥ 0.95

Protection class for UL. : Class I, Division2 Group.C,D

Class II, Division 2 Groups.E,F,G

Class III

Protection class for IEC : Zone 2

Options : Fixture hangle box 2 way 2x1/2" (for pendant type)

Stopping plug 1x1/2" and Ceilling Saddle 1x1/2"

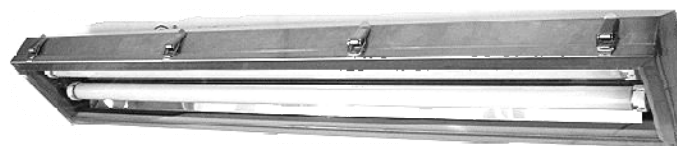
Transparent cover : Heat tempered glass

Reflector : High grade aluminium anodised reflector

Applications:

The **FWF** Fluorescent Lighting Fixtures are used in

- non-hazardous ares where dust, dirt, vapor,smoke, fumes mositure, and corrosive conditions are present
- Use where broken lamps would damage machinery or processes, or harm people working in the area
- Especially suitable in areas where stringent sanitation requirements exist.



FWF 240 EB

Features:

- Underwriters' Laboratories listed as enclosed and gasketed
- One-piece welded body construction prevents moisture and dust accumulation.Easier to clean
- Corrosion resistant construction retains brilliance and reflectivity.
- Reflectors can be removed, replaced, adjusted with only a screwdriver.

Standard Materials:

- Reflector - Anodized aluminum
- Glass - Heat tempered
- Body - Stainless steel
- Body - Sheet - Chromium plated

Standard Finishes:

- Stainless steel - Natural
- Sheet - Natural

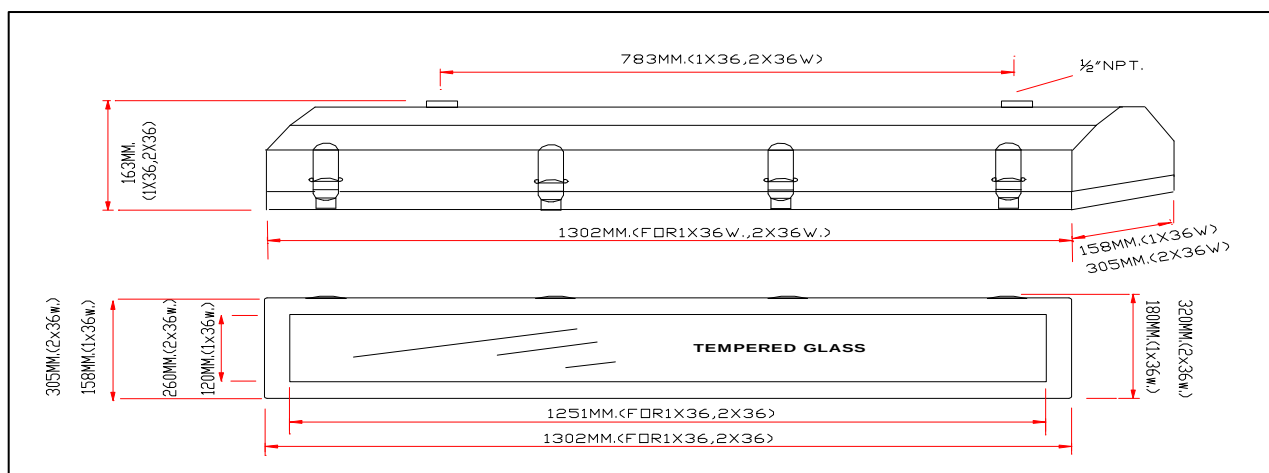
Options:

- Reflector aluminium , add suffix - **A**
- Emergency power pack, add- suffix - **E**
- Body Stainless , add suffix - **S**
- Body Sheet , add suffix - **T**

Dimension In MM.

Catalogue Numbers:

Lamp Watt.	Cat.,No.	Body	Weight (kgs.)
1 X 36	FWF 140 EB	Stainless	11.80
2 X 36	FWF 240 EB	Stainless	15.20
2 X 36	FWF 240 EBS	Sheet	15.80





H.I.D. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES

Certification Number:



TIS 1955-2542



ISO9001:2008

Technical data

Type of Protection: Ex de IIA T3 - T5

Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP 66 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to + 55°C

Rated Voltage : 220-240V.AC. 50/60Hz.

Type : E

Lamp : Mercury vapour ,High pressure sodium and Metal halide

Lamp holder : E27 , E40

Transparent cover : Borosilicate glass

Protection class for UL. : Class I, Division1 or 2 Group.C,D

Class II, Division1 or 2 Groups.E,F,G

Class III

Protection class for IEC : Zone1and Zone 2

Applications:

The *H.I.D.* For use

hazardous locations due to the presence of flammable gas or vapors, combustible dusts. Refineries, petrochemical plants, and in other process areas.

Indoor or outdoor in wet and corrosive locations.



CEILING



PENDANT



BRACKET

Features:

- Factory sealed,no external seals required, easy installation.
- Fixture body is made from copper free aluminium alloy for high corrosion resistant.
- Multi-finned out side for maximum heat dissipation.
- Heat and impact resistant glass globe.
- Stainless steel guard for high corrosion resistant.
- Ease of relamping.
- Terminal block suitable for 4 sqmm. Cable and one earth terminal are provided.
- Ballast meet EN61000-3-2 , EN55015 ,EN60923

Standard Materials:

- Body and ballast housing - Copper-Free aluminum
- Globe - Heat and impact resistant glass
- Guard - Stainless steel
- Reflector - Aluminium

Standard Finishes:

- Copper-free aluminium - Epoxy-polyester power coated.
- Stainless steel - Natural
- Sheet - Epoxy - polyester powder coated.

Options:

Stainless steel bracket add - suffix - *B*

Guard (Stainless steel) add - suffix - *S*

Reflector (aluminium or Stainless steel), add suffix - *R*

Emergency power pack, add- suffix - *E*



REFLECTOR



BALLAST HOUSING

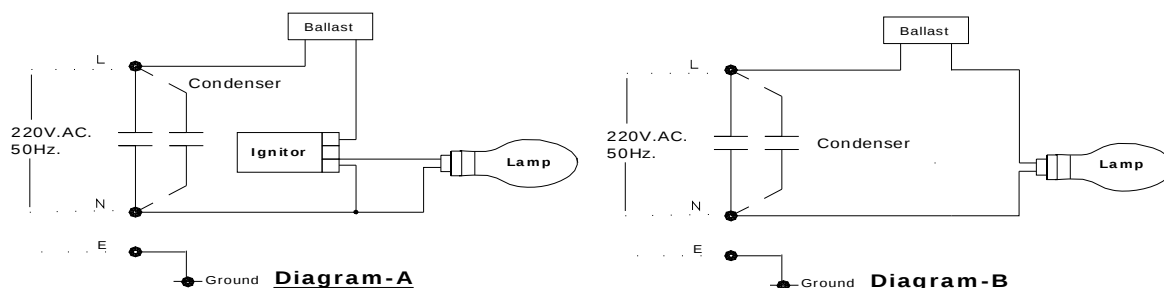
H.I.D. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES

EXPLOSIONPROOF

For UL.60079-1 Standard Class I, II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 to 1 Standard Zone 1 and Zone 2

Wiring Diagram :



Catalogue Numbers:

Lamp Type	Lamp Watts	Hub Size NPT.(inch)	wiring Diagram	Cat.,No.				Lamp Holders.
				Ceiling Type	Pendant Type	Bracket Type	Stanchion Type	
Mercury Vapor	80	1/2",3/4"	Diagram-B	EMV 80 C	EMV 80 P	EMV 80 B	EMV 80 S	E 27
	125	1/2",3/4"	Diagram-B	EMV 125 C	EMV 125 P	EMV 125 B	EMV 125 S	E 27
	250	1/2",3/4"	Diagram-B	EMV 250 C	EMV 250 P	EMV 250 B	EMV 250 S	E 40
	400	3/4"	Diagram-B	EMV 400 C	EMV 400 P	EMV 400 B	EMV 400 S	E 40
High Pressure	70	1/2",3/4"	Diagram-B	EPS 70 C	EPS 70 P	EPS 70 B	EPS 70 S	E 27
Sodium	150	1/2",3/4"	Diagram-A	EPS 150 C	EPS 150 P	EPS 150 B	EPS 150 S	E 40
	250	1/2",3/4"	Diagram-A	EPS 250 C	EPS 250 P	EPS 250 B	EPS 250 S	E 40
	400	3/4"	Diagram-A	EPS 400 C	EPS 400 P	EPS 400 B	EPS 400 S	E 40
Metal Halide	250	1/2",3/4"	Diagram-A	EMH 250 C	EMH 250 P	EMH 250 B	EMH 250 S	E 40
	400	3/4"	Diagram-B	EMH 400 C	EMH 400 P	EMH 400 B	EMH 400 S	E 40

Type	Ceiling	Pendant	Bracket		Ceiling	Pendant	Bracket		Ceiling	Pendant	Bracket
Lamp Watts.	70 - 125				150 - 250				400		
Weight (kgs.)	5.20	4.50	6.80		9.20	8.20	10.20		11.00	10.00	12.20
Ballast Housing (watts)	70 - 125				150 - 250				400		
Weight (kgs.)	7.6				9.6				10.6		

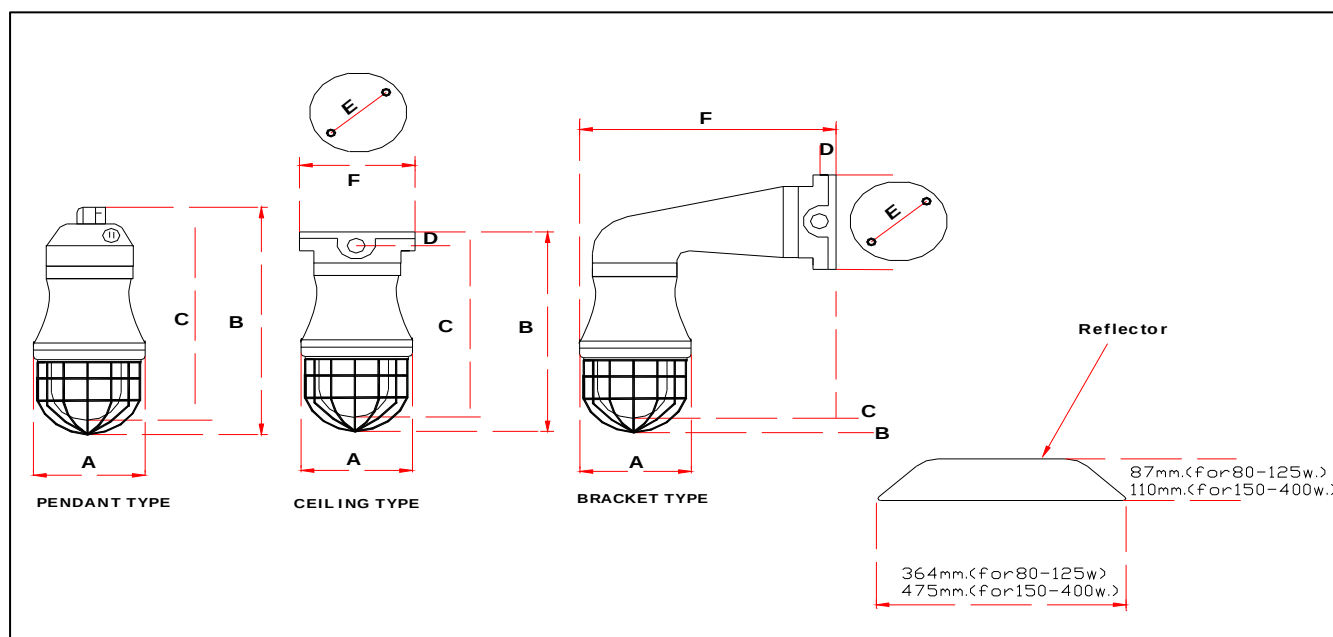
H.I.D. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES

EXPLOSIONPROOF

For UL.60079-1 Standard Class I, II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 to 1 Standard Zone 1 and Zone 2

Dimension In MM.



Pendant Type and

Lamp watts	Stanchion Type			Ceiling Type						Bracket Type					
	A	B	C	A	B	C	D	E	F	A	B	C	D	E	F
Mercury Vapor															
80 ,125w.	188	340	300	188	320	278	30	127	156	188	245	200	30	127	398
250w.	250	480	464	250	463	446	42	128	156	250	543	518	42	128	532
400w.	293	528	472	293	468	411	30	144	176	293	560	500	30	174	390
High Pressure															
Sodium															
70w.	188	340	300	188	320	278	30	127	156	188	245	200	30	127	398
150 ,250w.	250	480	464	250	463	446	42	128	156	250	543	518	42	128	532
400w.	293	528	472	293	468	411	30	144	176	293	560	500	30	174	390
Metal Halide															
250w.	250	480	464	250	463	446	42	128	156	250	543	518	42	128	532
400w.	293	528	472	293	468	411	30	144	176	293	560	500	30	174	390

Note.

* The lighting fixture is inclusively supplied ballast housing and other fittings for installation.

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HID. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES

EXPLOSIONPROOF

For UL.60079-1 Standard Class I, II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 to 1 Standard Zone 1 and Zone 2



Bosston

A QUALITY PRODUCT

Typical Installations

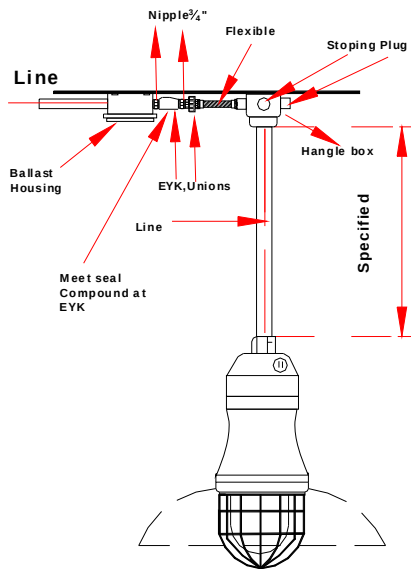


Figure1 pendant type

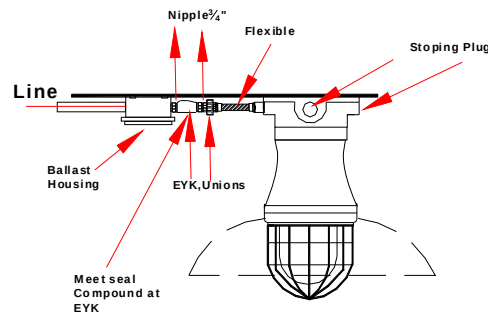


Figure2 ceiling type

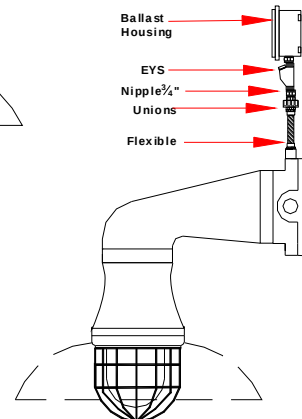


Figure3 bracket type

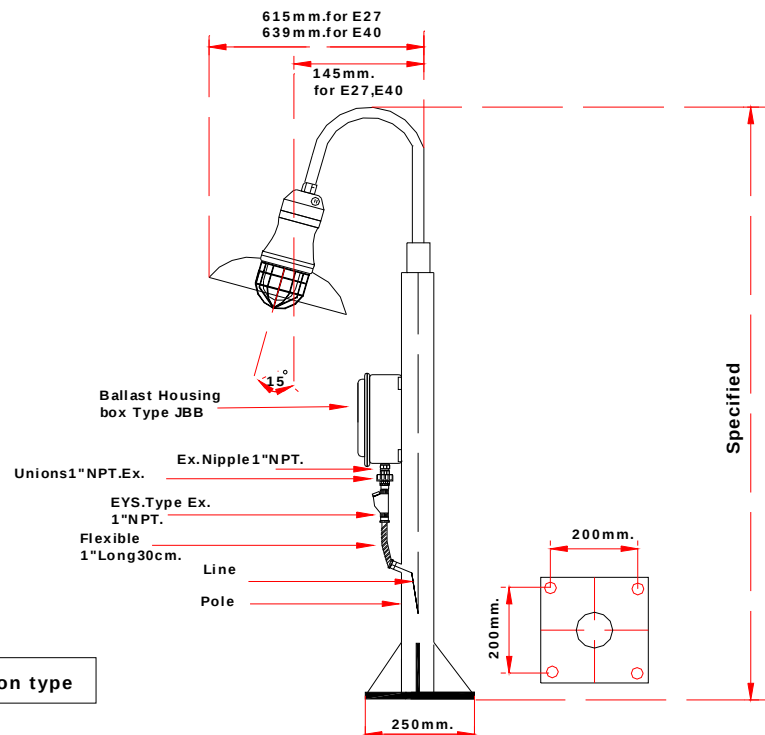


Figure4 Stanchion type



H.I.D. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES



TIS 1955-2542

ISO9001:2008

Technical data

Type of Protection: Ex de IIA T3 - T5

Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP 67 acc.to IEC 600529

Ambient Temp. (Ta) : -20°C to + 55°C

Rated Voltage : 220-240V.AC. 50/60Hz.

Type : H

Lamp : Mercury vapour ,High pressure sodium and Metal halide

Lamp holder : E27 , E40

Transparent cover : Borosilicate glass

Protection class for UL. : Class I, Division1 or 2 Group.C,D

Class II, Division1 or 2 Groups.E,F,G

Class III

Protection class for IEC : Zone1 and Zone 2



BALLAST HOUSING

Applications:

The *H.I.D.* Lighting fixtures are suitable to use for hazardous locations due to the presence of flammable gas or vapors, combustible dusts.

refineries, petrochemical plants, and in other process areas.

indoor, outdoor or wet and corrosive locations.



REFLECTOR

Features:

- Factory sealed, no external seals required, easy installation.
- Integral ballast, ignitor and condenser for power factor correction completed in ballast housing.
- Ballast and fixture body are isolated to minimize heat interference to each other.
- Fixture body with multi-finned for maximum heat dissipation.
- Body and ballast housing are made from copper-free aluminium alloy and coated with epoxy-polyester powder for high corrosion resistance.
- Heat and impact resistant glass globes.
- Stainless steel guard for additional protection of the light source.
- Easy for lamp replacement.
- Terminal block suitable for 4 sqmm. Cable and one earth terminal are provided.
- Ballast meets EN61000-3-2, EN55015, EN60923
- Many types of mounting e.g. pendant, bracket and stanchion

Standard Materials:

- Body and ballast housing - Copper-Free aluminium
- Globe - Heat and impact resistant glass
- Guard - Stainless steel
- Reflector - sheet Chromium plated or epoxy-polyester white color and Anodized aluminium

Standard Finishes:

- Copper-free aluminium - Epoxy-polyester powder coated.
- Stainless steel - Natural
- Sheet - Natural
- Anodized aluminium - Natural

Options:

Stainless steel bracket add - suffix - **B** to Cat. No.

Guard (Stainless steel) add - suffix - **S** to Cat. No.

Reflector aluminium add suffix - **A** to Cat. No.

Reflector sheet add suffix - **H** to Cat. No.

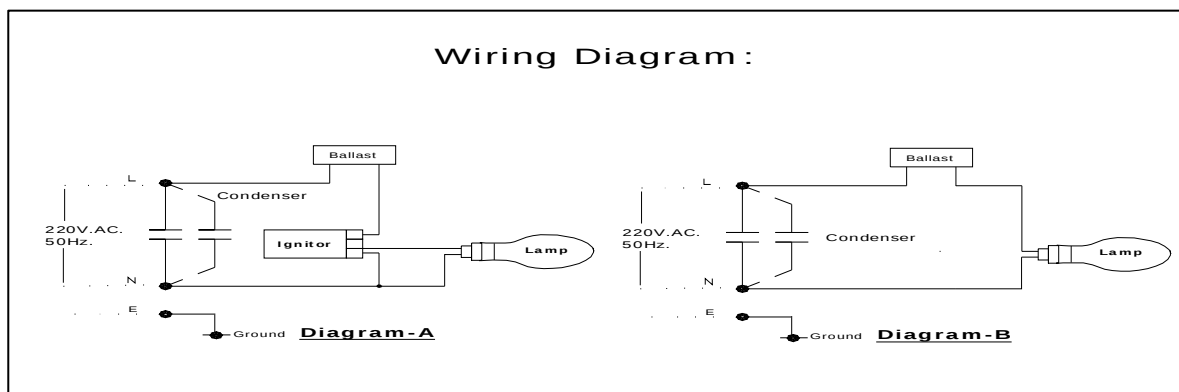
H.I.D. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 to 1 Standard Zone 1 and Zone 2

Wiring Diagram :



Catalogue Numbers:

Lamp Type	Lamp Watts	Hub Size NPT.(inch)	wiring Diagram	Temp.Class(Surface Temp.)		Catalogue Number				Lamp Holders.
				40 C Ta	55 C Ta	Pendant	Bracket	Stanchion	Ballast Housing	
Mercury Vapor	80	1/2"	Diagram-B	T5	T5	HMV 80P	HMV 80B	HMV 80S	BAL MV 80	E 27
	125	1/2"	Diagram-B	T5	T5	HMV 125P	HMV 125B	HMV 125S	BAL MV 125	E 27
	250	3/4"	Diagram-B	T4	T3C	HMV 250P	HMV 250B	HMV 250S	BAL MV 250	E 40
	400	3/4"	Diagram-B	T3A	T3	HMV 400P	HMV 400B	HMV 400S	BAL MV 400	E 40
High Pressure Sodium	70	1/2"	Diagram-B	T5	T5	HPS 70P	HPS 70B	HPS 70S	BAL PS 80	E 27
	150	3/4"	Diagram-A	T4	T4	HPS 150P	HPS 150B	HPS 150S	BAL PS 125	E 40
	250	3/4"	Diagram-A	T4	T3C	HPS 250P	HPS 250B	HPS 250S	BAL PS 250	E 40
	400	3/4"	Diagram-A	T3C	T3A	HPS 400P	HPS 400B	HPS 400S	BAL PS 400	E 40
Metal Halide	250	3/4"	Diagram-A	T3	T2D	HMH 250P	HMH 250B	HMH 250S	BAL MH 250	E 40
	400	3/4"	Diagram-B	T3B	T3A	HMH 400P	HMH 250B	HMH 400S	BAL MH 400	E 40
Mercury Tungsten	160	1/2"	—	T4A	T4A	HMT 160P	HMT 160B	HMT 160S	—	E 27
	250	3/4"	—	T3C	T3C	HMT 250P	HMT 250B	HMT 250S	—	E 40

Type	Pendant	Bracket		Pendant	Bracket		Pendant	Bracket
Lamp Watts.	70 - 125			250			400	
Weight (kgs.)	5.30	6.00		8.8	11.20		12.00	13.00
Ballast Housing (watts)	70 - 125			250			400	
Weight (kgs.)	7.60			9.60			10.60	

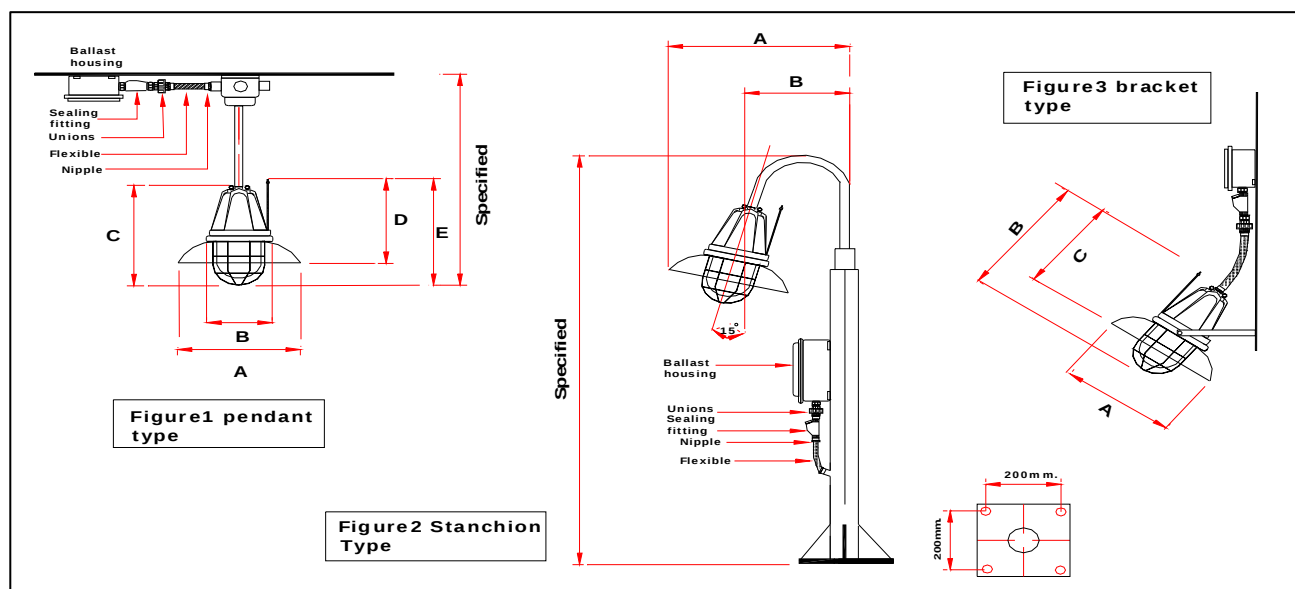
H.I.D. HIGH INTENSITY DISCHARGE LIGHTING FIXTURES

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 to 1 Standard Zone 1 and Zone 2

Dimension In MM.



Lamp watts	Stanchion Type		Pendant Type					Bracket Type		
	A	B	A	B	C	D	E	A	B	C
Mercury Vapor										
80 ,125w.	740	415	364	230	376	345	308	364	308	345
250w.	740	415	364	292	449	359	449	364	449	359
400w.	780	415	475	340	497	407	497	475	497	407
High Pressure Sodium										
70w.	740	415	364	230	376	345	308	364	308	345
150 ,250w.	740	415	364	292	449	359	449	364	449	359
400w.	780	415	475	340	497	407	497	475	497	407
Metal Halide										
250w.	740	415	364	292	449	359	449	364	449	359
400w.	780	415	475	340	497	407	497	475	497	407
Mercury Tungsten										
160w.	740	415	364	292	449	359	449	364	449	359
250w.	780	415	475	340	497	407	497	475	497	407

Note:

* The lighting fixture is inclusively supplied ballast housing and other fittings for installation.



HAZARD:GARD H.I.D LIGHTING FIXTURES
INTEGRAL BALLAST FACTORY SEALED



ISO9001:2008

Technical data

TIS 1955-2542

Type of Protection : Exn R II, Temperature class depends on lamp power

Conforming to : Standards IEC 60079 - 15

Marking for test : Ex II3 G

Degree of Protection : IP 66 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to + 55°C

Rated Voltage : 220-240V.AC. 50/60Hz.

Type : F

Lamp : Mercury vapour ,High pressure sodium and Metal halide

Lamp holder : E27 , E40

Transparent cover : Borosilicate glass

Protection class for UL. : Class I, Divisionr 2 Group.C,D

Class II, Division 1 or 2 Groups E, F, G

Class III

Protection class for IEC : Zone 2



Pendant Type

● Applications:

The *H.I.D.* Lighting fixtures are suitable to use for hazardous areas, both indoors and outdoors where long life and low maintenance costs are desired

heavy process industries having environments where flammable or explosive vapors or gases, or where combustible dusts are present



Stanchion Type

● Features:

- Factory sealed, no external seals required, easy installation.
- Integral ballast, ignitor and condenser for power factor correction completed in ballast housing.
- Ballast and fixture body are isolated to minimize heat interference to each other.
- Fixture body with multi-finned for maximum heat dissipation.
- Heat and impact resistant glass globes.
- Easy for lamp replacement.
- Stainless steel guard for additional protecting the light source.
- Terminal block suitable for 4 sqmm. Cable and one earth terminal are provided.
- Ballast meet EN61000-3-2 , EN55015 ,EN60923
- Many type of mounting e.g. pendant, bracket and stanchion

Standard Materials:

- Body and ballast housing - Copper-Free aluminum
- Globe - Heat and impact resistant glass
- Guard - Stainless steel
- Reflector - sheet Chromium plated or epoxy-polyester white color

● Standard Finishes:

- Copper-free aluminium - Epoxy-polyester power coated.
- Stainless steel - Natural
- Sheet - Natural
- Anodized aluminium - Natural

● **Options:**

Stainless steel bracket add - suffix - *B* to. Cat. No.

Guard (Stainless steel) add - suffix - S to Cat. No.

Reflector sheet add suffix - *H* to Cat. No.

HAZARD:GARD H.I.D LIGHTING FIXTURES

INTEGRAL BALLAST FACTORY SEALED


Bosston

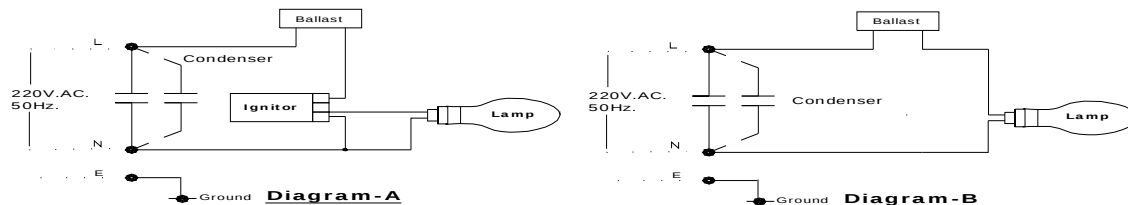
A QUALITY PRODUCT

EXPLOSIONPROOF

For UL.60079 - 15 Standard Class I,II Div.2 Groups C,D,E,F and G

For IEC.60079 - 15 Standard Zone 2

Wiring Diagram :



Catalogue Numbers:

				Temp.Class		Catalogue Number						Lamp Holders.
Lamp Type	Lamp	Hub Size	wiring	(Surface Temp.)		Pendant	Weight	Stanchion	Weight	Bracket	Weight	
	Watts	NPT.(inch)	Diagram	40 C Ta	55 C Ta		kgs.		kgs.		kgs.	
Mercury Vapor	80	1/2"	Diagram-B	T5	T4	FMV 80P	7.20	FMV 80S	7.80	FMV 80B	7.800	E 27
	125	1/2"	Diagram-B	T5	T4	FMV 125P	7.48	FMV 125S	8.080	FMV 125B	7.480	E 27
	250	3/4"	Diagram-B	T4	T4	FMV 250P	16.80	FMV 250S	17.45	FMV 250B	16.80	E 40
	400	3/4"	Diagram-B	T4	T3	FMV 400P	21.00	FMV 400S	21.50	FMV 400B	21.00	E 40
High Pressure Sodium	70	1/2"	Diagram-B	T5	T5	FPS 70P	7.45	FPS 70S	8.05	FPS 70B	8.05	E 27
	150	3/4"	Diagram-A	T5	T5	FPS 150P	16.88	FPS 150S	17.48	FPS 150B	16.88	E 40
	250	3/4"	Diagram-A	T4	T4	FPS 250P	17.08	FPS 250S	18.18	FPS 250B	17.08	E 40
	400	3/4"	Diagram-A	T4	T3	FPS 400P	21.48	FPS 400S	21.98	FPS 400B	21.48	E 40
Metal Halide	250	3/4"	Diagram-A	T4	T4	FMH 250P	17.08	FMH 250S	18.18	FMH 250B	17.08	E 40
	400	3/4"	Diagram-B	T4	T3	FMH 400P	21.48	FMH 400S	21.98	FMH 400B	21.48	E 40
Mercury	160	1/2"	—	T4A	T4A	FMT 160P	7.45	FMT 160S	8.05	FMT 160B	8.05	E 27
Tungsten	250	3/4"	—	T3C	T3C	FMT 250P	17.08	FMT 250S	21.98	FMT 250B	17.08	E 40

HAZARD:GARD H.I.D LIGHTING FIXTURES

INTEGRAL BALLAST FACTORY SEALED

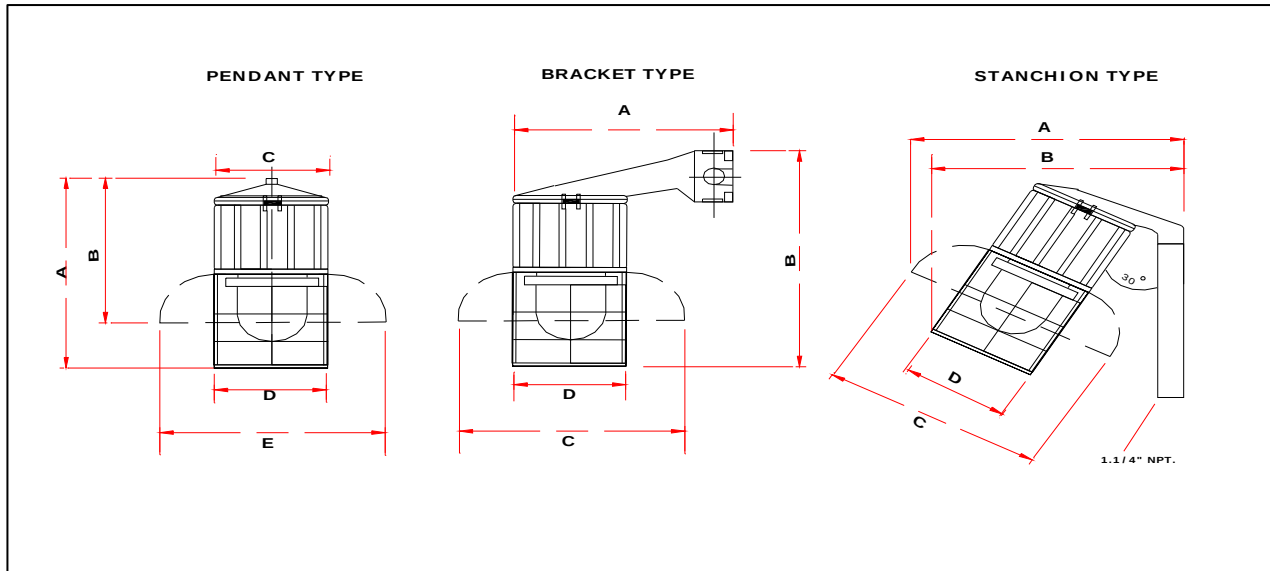


EXPLOSIONPROOF

For UL.60079 - 15 Standard Class I,II Div.2 Groups C,D,E,F and G

For IEC.60079 - 15 Standard Zone 2

Dimension In MM.



Lamp watts	Pendant Type					Bracket Type				Stanchion Type			
	A	B	C	D	E	A	B	C	D	A	B	C	D
Mercury Vapor													
80 ,125w.	438	335	225	165	364	310	458	364	165	485	470	364	165
250w.	460	397	260	205	364	332	485	364	205	475	455	364	205
400w.	525	420	340	285	475	460	535	475	285	590	400	475	285
High Pressure Sodium													
70w.	438	335	225	165	364	310	458	364	165	485	470	364	165
150 ,250w.	460	397	260	205	364	332	485	364	205	475	455	364	205
400w.	525	420	340	285	475	460	535	475	285	590	400	475	285
Metal Halide													
250w.	438	397	260	165	364	332	485	364	205	475	455	364	205
400w.	590	420	340	285	475	460	535	475	285	590	400	475	285
Mercury Tungsten													
160w.	438	335	225	165	364	310	458	364	165	485	470	364	165
250w.	460	397	260	205	364	332	535	364	205	475	400	364	205