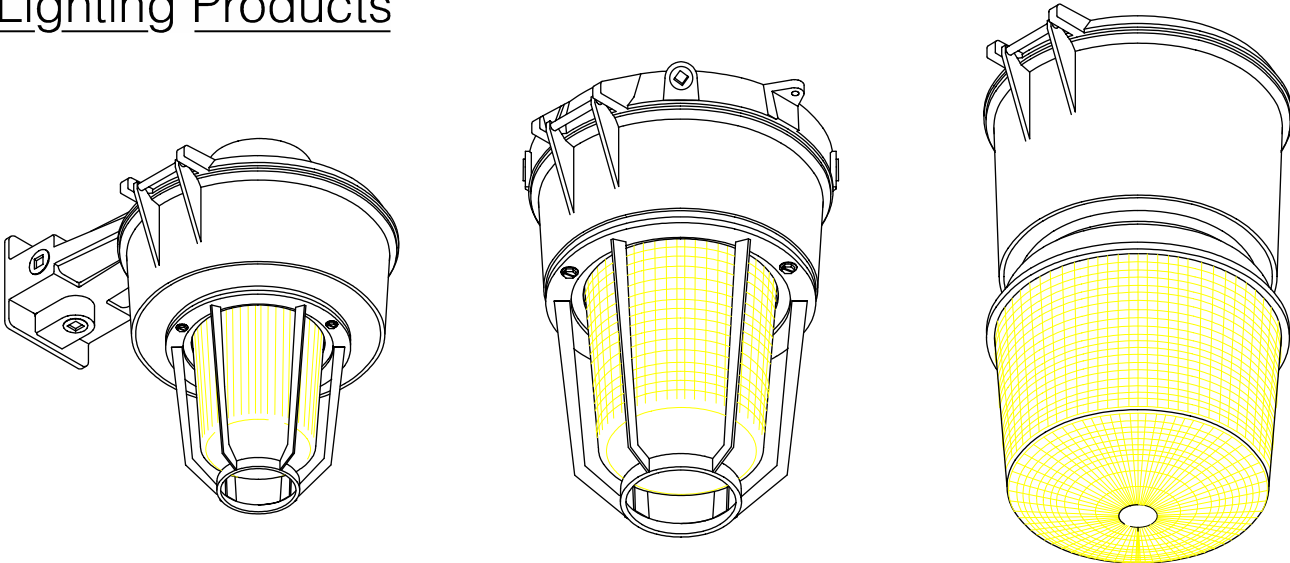




Lighting Products

- CSA - Class I Div. 2 - Groups A, B, C & D
- CSA - Class II Div. 1 & 2 - Groups E, F & G
- CSA - Class III, Type 3 Enclosure
- UL 844 - Class I, Div. 2 - Groups A, B, C & D
- UL 844 - Class II, Div. 1 & 2 - Groups E, F & G
- UL 844 - Class III
- UL Marine Listed
- UL 1572, Suitable for Wet Locations
- NEMA 4X, IP66



LumaMax

Hazardous Area H.I.D. Fixtures

Features:

- Polyester powder coat finish, cast aluminum housings and mounts are lightweight and corrosion resistant.
- Many optical choices - tempered glass globes, refractor globes, 12" refractors and enclosed high bay reflector.
- Seven mount styles permits hands free wiring as ballast housing hinges to allow easy access to connections.
- Modular fixture components enable hundreds of easy to assemble combinations.
- Heat sinks in ballast housing resulting in cooler operation, extended ballast life and improved temperature performance for hazardous operation.
- All external hardware is stainless steel for maximum corrosion resistance.
- Optional cast guards offer maximum impact protection for tempered glass globes or refractors.
- Optional dome or angle fiberglass reinforced polyester reflectors are vented to allow convection of heat and provide up-light distribution to minimize glare.

Applications:

- | | |
|--------------------------------|-----------------------------------|
| ■ Pulp and paper mills | ■ Aviation facilities |
| ■ Coal handling and processing | ■ Oil and gas transmission plants |
| ■ Oil refineries | ■ Grain handling |
| ■ Chemical plants | ■ Waste treatment facilities |



LumaMax

Catalog Number

L **H** **25** **C** **8** **S** - **TGC** - **P2** *******
(1) (2) (3) (4) (5) (6) (7) (8) (9)

(1) Series - LumaMax "L"

Polyester powder-coated, cast aluminum, hazardous area HID fixture with several optical assembly options.

(2) Lamp Type

H - Metal Halide
S - High Pressure Sodium
V - Mercury Vapor

(3) Lamp wattage

07 - 70 watts (HPS or MH only)
10 - 100 watts
15 - 150 watts (HPS only)
17 - 175 watts (MH or MV only)
20 - 200 watts (HPS only)
25 - 250 watts
40 - 400 watts

(4) Ballast Circuit

C - Constant wattage autotransformer
H - High reactance
(All ballasts are high power factor.)

(5) Voltage/Frequency

2 - 220 Volt, 50 Hz.
6 - 480 Volt, 60 Hz.
7 - 120/208/240/277 Volt, 60 Hz. (UL)
8 - 120/277/347 Volt, 60 Hz.

(6) Ballast Housing Style

S - Standard housing (150 watt HPS, 250 watt MH, MV max., 5 1/2" thread)
R - Refractor globe housing (150 watt HPS, 250 watt MH, MV max., 7 3/4" thread)
L - Large housing (200 - 400 watt HPS, 400 watt MH, MV, 7 3/4" thread)

(7) Optical Assembly Options

For Std. Housing Fixtures (5-1/2" Thread)

TG - Thermal shock resistant globe
TGC - TG with cast guard
R2 - 12" glass refractor, type II
R5 - 12" glass refractor, type V
R2G - R2 with wire guard
R5G - R5 with wire guard

For Refr. Globe Housing Fixtures (7-3/4" Thread)

R1 - 7 3/4" refractor globe, type I
R3 - 7 3/4" refractor globe, type III
R5 - 7 3/4" refractor globe, type V
R1C - R1 with cast guard
R3C - R3 with cast guard
R5C - R5 with cast guard
TG - 7 3/4" thermal shock resist. globe
TGC - TG with cast guard

For Large Housing Fixtures (7-3/4" Thread)

TG - Thermal shock resistant globe
TGC - TG with cast alum. guard
R2 - 12" glass refractor, type II
R5 - 12" glass refractor, type V
R2G - R2 with steel guard
R5G - R5 with steel guard
RHB - Enclosed high bay reflector
RHG - RHB with steel wire guard

(8) Mounting Style

A2 - 3/4" npt. cone top pendant mount
A3 - 1" npt. cone top pendant mount
B2 - 3/4" npt. wall mount
B3 - 1" npt. wall mount
C2 - 3/4" npt. ceiling mount
C3 - 1" npt. ceiling mount
F2 - 3/4" npt. flexible pendant mount
F3 - 1" npt. flexible pendant mount
L4 - 1 1/4" npt. 90° stanchion mount
L5 - 1 1/2" npt. 90° stanchion mount
P2 - 3/4" npt. rigid pendant mount
P3 - 1" npt. rigid pendant mount
S4 - 1 1/4" npt. 25° stanchion mount
S5 - 1 1/2" npt. 25° stanchion mount

(9) Special Options

C - CSA nameplate (consult factory)
AR - Angle reflector
DD - Deep dome reflector
DR - Standard dome reflector
EX - Exit sign refractor
R - Instant restart starter circuit
S - Auto shutoff starter

***F** - Single fuse block with fuse
***FF** - Double fuse block with fuse
***Q** - Quartz auxiliary option

*** When these options are ordered product is no longer CSA listed as hazardous location, ordinary location only.**

Note: Lamps are not included. Consult factory for any catalog number or options not listed above for price and availability.

LumaMax

Standard Ballast Tank 5 1/2" Globe

Certification Guide (40° C Ambient)						
Lamp Type	Watts	Class I, Division 2 Groups A, B, C & D Temperature Code	Class II Division 1 & 2 Groups	UL Marine Listed	NEMA 4X	Supply Wire Temp.(°C)
		Globe, Guard & Reflector	Globe, Guard & Reflector			
High Pressure Sodium	50	T3C	EFG	Yes	Yes	85
	70	T3A	EFG	Yes	Yes	85
	100	T2C	EFG	Yes	Yes	85
	150	T2A	--	Yes	Yes	90
Metal Halide	100	T2B	EFG	Yes	Yes	85
	175	T2	--	Yes	Yes	90
	250	350C	--	--	Yes	110
Mercury Vapor	70	T3C	EFG	Yes	Yes	60
	100	T3A	EFG	Yes	Yes	75
	175	T2A	--	Yes	Yes	90
	250	T2	--	--	Yes	125

Standard Ballast Tank 5 1/2" Refractor Globe Thread

Certification Guide (40° C Ambient)						
Lamp Type	Watts	Class I, Division 2 Groups A, B, C & D Temperature Code	Class II Division 1 & 2 Groups	UL Marine Listed	NEMA 4X	Supply Wire Temp.(°C)
		RES5 12" Dia. Refractor	RES5 12" Dia. Refractor			
High Pressure Sodium	50	T4	EFG	Yes	Yes	85
	70	T3C	EFG	Yes	Yes	85
	100	T2D	EFG	Yes	Yes	85
	150	T2B	EFG	Yes	Yes	90
Metal Halide	100	T2C	EFG	Yes	Yes	85
	175	T2B	EFG	Yes	Yes	90
	250	325C	EFG	--	Yes	110
Mercury Vapor	70	T3C	EFG	Yes	Yes	60
	100	T3A	EFG	Yes	Yes	75
	175	T2C	EFG	Yes	Yes	90
	250	T2	EFG	--	Yes	125

LumaMax

Ballast Tank "R Type" 7 3/4" Globe Thread

Certification Guide (40° C Ambient)								
Lamp Type	Watts	Class I, Division 2 Groups A, B, C & D Temperature Code		Class II Division 1 & 2 Groups		UL Marine Listed	NEMA 4X	Supply Wire Temp.(°C)
		TGR25 Globe, Guard & Reflector	RGR5 7-3/4" Reflector	TGR25 Globe, Guard & Reflector	RGR5 7-3/4" Reflector			
High Pressure Sodium	50	T3C	T3C	EFG	EFG	Yes	Yes	85
	70	T3A	T3A	EFG	EFG	Yes	Yes	85
	100	T2D	T3	EFG	EFG	Yes	Yes	85
	150	T2B	T2B	EFG	EFG	Yes	Yes	90
Metal Halide	100	T2B	T2B	EFG	EFG	Yes	Yes	85
	175	T2	T2A	EFG	EFG	Yes	Yes	90
	250	350C	350C	EF	EF	--	Yes	110
Mercury Vapor	70	T3C	T3C	EFG	EFG	Yes	Yes	60
	100	T3A	T3A	EFG	EFG	Yes	Yes	75
	175	T2B	T2B	EFG	EFG	Yes	Yes	90
	250	T2	T2	EF	EFG	--	Yes	125

Ballast Tank Large Type 7 3/4" Globe Thread

Certification Guide (40° C Ambient)										
Lamp Type	Watts	Class I, Division 2 Groups A, B, C & D Temperature Code			Class II Division 1 & 2 Groups			UL Marine Listed	NEMA 4X	Supply Wire Temp. (°C)
		TGL40 Globe With Guard & Reflector	REL5 12" Dia. Refractor	RHB40 Enclosed Reflector	TGL40 Globe With Guard & Reflector	REL5 12" Dia. Refractor	RHB40 Enclosed Reflector			
High Pressure Sodium	200	T2	T2A	T2A	EFG	EFG	EFG	Yes	Yes	90
	250	325C	325C	325C	EFG	EFG	EFG	Yes	Yes	90
	400	T2A	T2B	T2B	--	EFG	EFG	--	Yes	110
Metal Halide	250	350C	325C	325C	EF	EFG	EFG	--	Yes	110
	400	350C	325C	350C	EF	EFG	EF	--	Yes	110
Mercury Vapor	250	T2	T2A	T2A	EF	EFG	EFG	--	Yes	110
	400	350C	325C	325C	EF	EFG	EF	--	Yes	110

LumaMax

Ballast Tanks




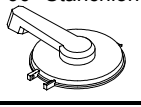

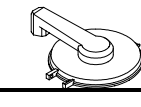

Standard Ballast tank with 5 -1/2" Globe threads				
Lamp Type	Lamp Watts	Quad Tap UL Approved	Tri-Tap CSA Approved	Shipping Weight* lbs. (kg.)
High Pressure Sodium	70	LS07H7S	LS07H8S	20 (9)
	100	LS10H7S	LS10H8S	22 (10)
	150	LS15H7S	LS15 H8S	23 (10.5)
Metal Halide	175	LH17C7S	LH17C8S	23 (10.5)
	250	LH25C7S	LH25C8S	26 (12)
Mercury Vapor	100	LV10C7S	LV10C8S	19 (9)
	175	LV17C7S	LV17C8S	21 (10)
	250	LV25C7S	LV25C8S	22 (10)

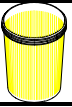

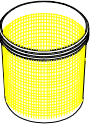





Standard Ballast tank with 7-3/4" Globe threads				
Lamp Type	Lamp Watts	Quad Tap UL Approved	Tri-Tap CSA Approved	Shipping Weight* lbs. (kg.)
High Pressure Sodium	70	LS07H7R	LS07H8R	20 (9)
	100	LS10H7R	LS10H8R	22 (10)
	150	LS15H7R	LS15H8R	23 (10.5)
Metal Halide	175	LH17C7R	LH17C8R	23 (10.5)
	250	LH25C7R	LH25C8R	26 (12)
Mercury Vapor	100	LV10C7R	LV10C8R	19 (9)
	175	LV17C7R	LV17C8R	21 (10)
	250	LV25C7R	LV25C8R	22 (10)

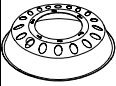


Large Ballast tank with 7-3/4" Globe threads				
Lamp Type	Lamp Watts	Quad Tap UL Approved	Tri-Tap CSA Approved	Shipping Weight* lbs. (kg.)
High Pressure Sodium	200	LS20C7L		35 (15.8)
	250	LS25H7L	LS25H8L	38 (17.2)
	400	LS40H7L	LS40H8L	45 (20.4)
Metal Halide	250	LH40C7L	LH40C8L	43 (19)
	400	LH25C7L	LH25C8L	43 (19)
Mercury Vapor	250	LV25C7L	LV25C8L	38 (17.2)
	400	LV40C7L	LV40C8L	38 (17.2)

LumaMax

Fixture Components

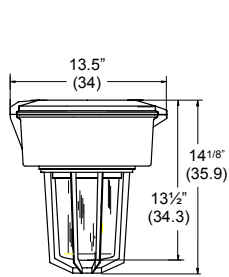
Mount Type	Hub size	Catalog #	Shipping Weight lbs. (kg.)	Mount Type	Hub size	Catalog #	Shipping Weight lbs. (kg.)
 Rigid Pendant	3/4"	LP2	2.4 (1.1)	 Wall Mount	3/4"	LB2	6.0 (2.7)
	1"	LP3			1"	LB3	
 Flexible Pendant	3/4"	LF2	2.4 (1.1)	 90° Stanchion	1-1/4"	LL4	5.0 (2.3)
	1"	LF3			1-1/2"	LL5	
 Cone Pendant	3/4"	LA2	4.0 (1.8)	 25° Stanchion	1-1/4"	LS4	
	1"	LA3			1-1/2"	LS5	
 Ceiling	3/4"	LC2	3.4 (1.5)				
	1"	LC3					

Globes	Catalog #	Description	Catalog #	Description	Guards
	TGS25	5 1/2" dia. heat resistant globe, for use with standard housing (250-watt max.)	GCS25	Cast guard for use with 5 1/2" dia. TGS 25 globes.	
	TGL40	7 3/4" dia. heat resistant globe, for use with large housing (400-watt max.)	GCL40	Cast aluminum guard for 7 3/4" dia. TGL40 globes.	
	TGR25	7 3/4" dia. heat resistant globe, for use with "R" housing (250-watt max.)	GCR25	Cast aluminum guard for TGR25 globe and RGR series refractor globes.	
	RGR1	7 3/4" IES Type I refractor globe, for use with "R" housing (250-watt max.)			
	RGR3	7 3/4" IES Type III refractor globe, for use with "R" housing (250-watt max.)			
	RGR5	7 3/4" IES Type V refractor globe, for use with "R" housing (250-watt max.)			
	RES2	12" dia. IES Type II refractor, 5 1/2" thread, for use with standard housing.	GWR12	Steel wire guard for all REL & RES series 12" refractors.	
	RES5	12" dia. IES Type V refractor, 5 1/2" thread, for use with standard housing			
	REL2	12" dia. IES Type II refractor, 7 3/4" thread, for use with "R" and large housing			
	REL5	12" dia. IES Type V refractor 7 3/4" thread, for use with "R" and large housing			
	RHB40	Enclosed bay reflector, anodized aluminum C/W lens, for use with "R" or large housing	GWH40	Steel wire guard for RHB40 enclosed high bay reflector.	

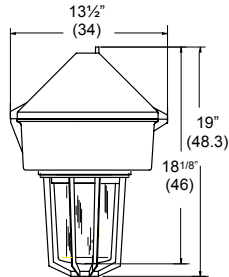
Standard dome reflector FRP			Angle Dome reflector FRP			Deep dome, anodized aluminum		
Catalog #	Description		Catalog #	Description		Catalog #	Description	
RDP25	"STD."housing		RAP25	"STD."housing		RDD40	"R" or Large housing.	
RDP40	"R" or large housing		RAP40	"R" or large housing				

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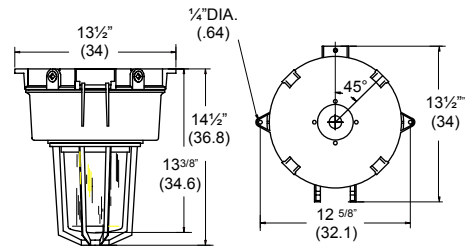
Dimensions For Standard Ballast Tank C/W Standard Globe, 5 1/2" Thread



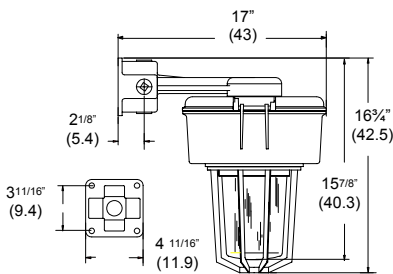
Pendant



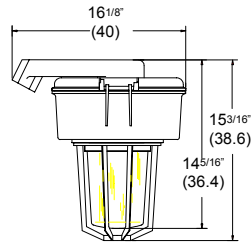
Cone Pendant



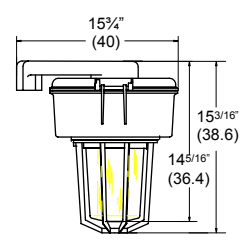
Ceiling



Wall

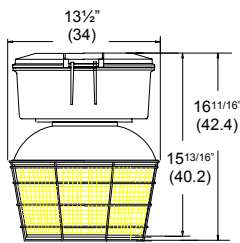


25° Stanchion

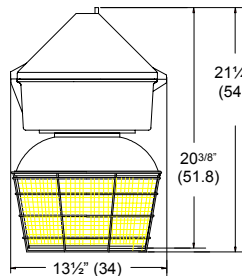


90° Stanchion

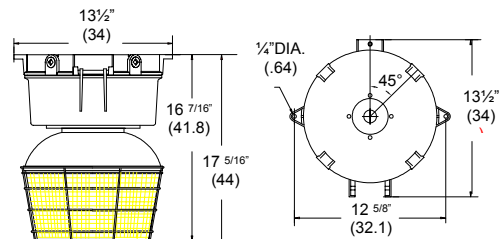
Dimensions For Standard Ballast Tank C/W 12" Refractor Globe, 5 1/2" Thread



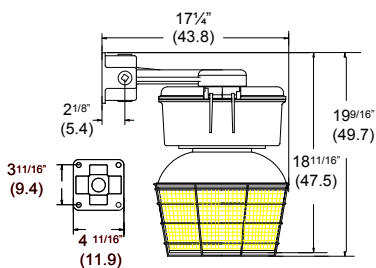
Pendant



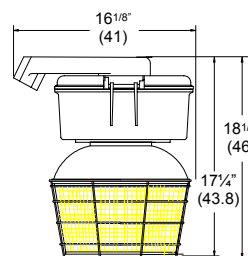
Cone Pendant



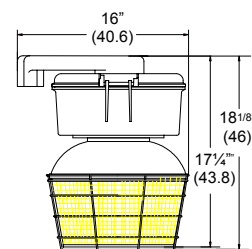
Ceiling



Wall



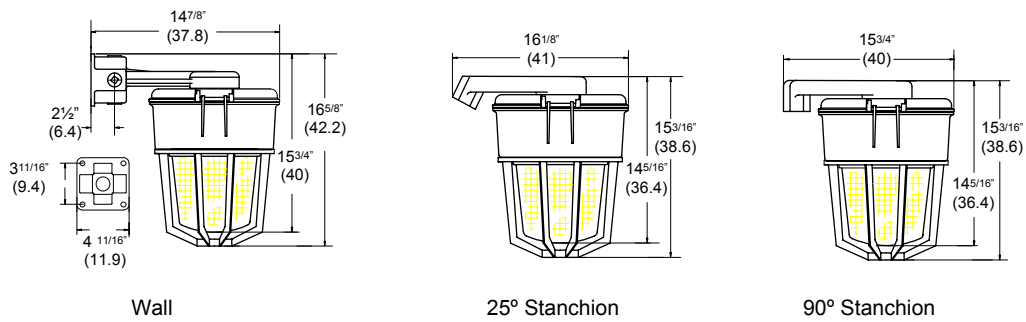
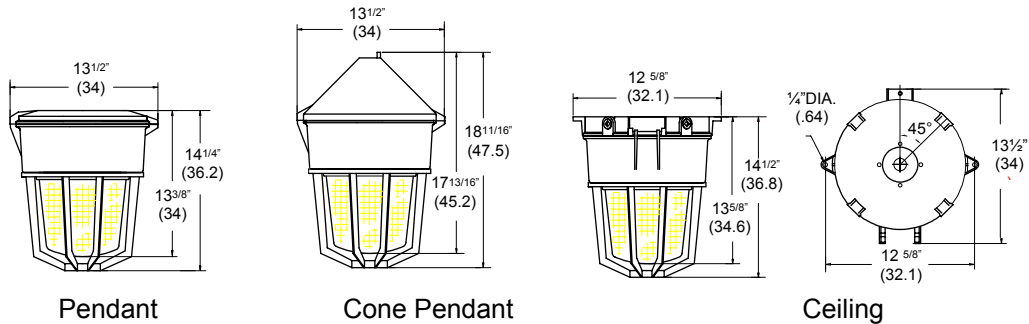
25° Stanchion



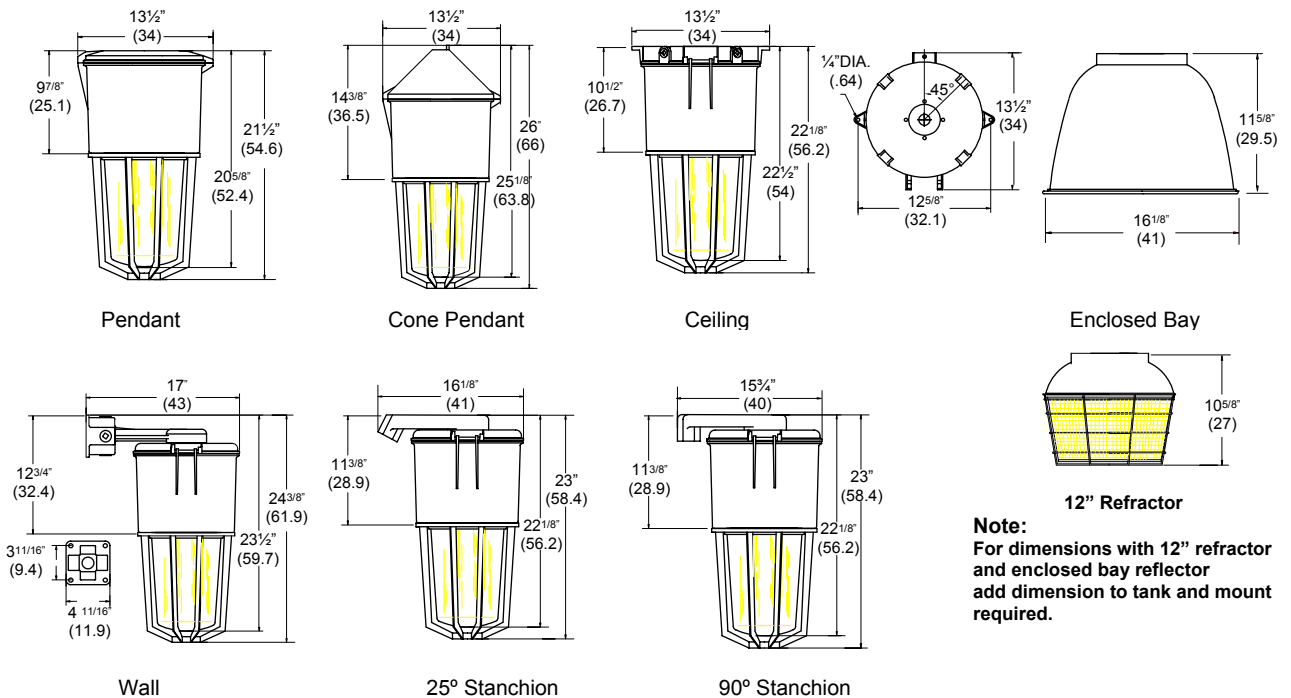
90° Stanchion

LumaMax

Dimensions For "R" Ballast Tank C/W Refractor Globe, 7 3/4" Thread



Dimensions For Large Ballast Tank C/W Standard Globe, 7 3/4" Thread



Note:
For dimensions with 12" refractor and enclosed bay reflector add dimension to tank and mount required.