

TECHLIGHT

2006



TECHLIGHT

# PRODUCT CATALOG

BURIAL  
LIGHTING





TI

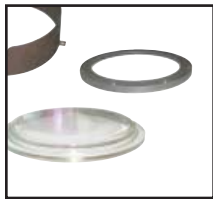
# BURIAL LIGHTING



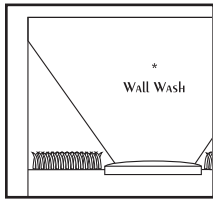
WELL LIGHTS



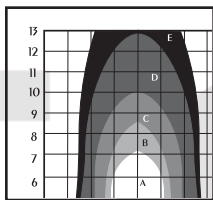
BURIAL LIGHTS



ACCESSORIES



OPTIC CHARTS



PHOTOMETRICS

## Bringing You Quality Lighting Products...

Dedicated to producing and delivering quality lighting products, Techlight has raised the bar with the production of our New TDBW Burial fixtures. We have taken our classic TDB fixture and made some industry changing adjustments. From our concrete pour kits to our new toolless adjustable optics, this quality burial unit will save you incredible amounts of time and money. Add all this to our already economical prices and superior guarantee and you get the best pre-packaged product in the industry.



## The Complete Package...

Now that you have the perfect fixture and all the accessories, don't forget the key piece: The Lamp. Techlight offers a wide variety of lamps including halogen, incandescent, mercury vapor, metal halide, and more.

## Adding some color to your designs...

In the past, lighting fixtures came in the standard bronze or green colors so that they could blend in with their surroundings. While this is still very popular, we are beginning to notice the winds of change blowing our way and with them they bring color. The addition of colors to fixtures is becoming more and more common. People want to show off their landscape lights by making them stand out and match the color scheme they have going with their homes and businesses. To this, Techlight says bring us your color and we will match it. With the combination of our standard available colors and our



color matching system, we can make your yard pop with color.



## WELL LIGHTS

### WLAR WELL LIGHTS



#### 1. WELL SLEEVE

Gray PVC - 9" I.D. X 18", Wall thickness 1/4".

#### 2. WIRING

Fixture is pre-wired with 15 feet of 16-3 direct burial tray cable and internally grounded. Cord length is sufficient to allow fixture to be removed from well for cleaning and re-lamping. (30' cord available, consult factory for details.)

#### 3. HOUSING

Die cast aluminum or brass housings are pre-wired & factory potted. Housing suspends from grill utilizing two steel spring clips.

#### 4. LENS & GASKET

Lens is clear, high-impact, tempered glass furnished with a silicone gasket for a positive, watertight seal. Direct burial tray cable is provided with a compression molded liquid tight connector.

#### 5. LAMPS

150W PAR-38 Incandescent or 100W and 175W R40 Mercury Vapor, 70W-175W Metal Halide are available

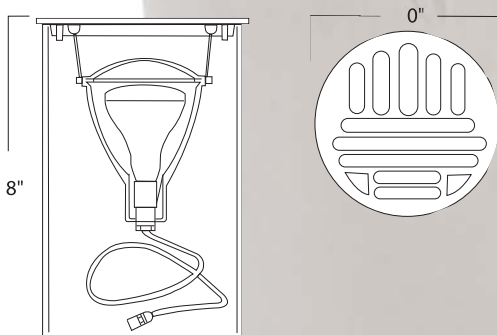
#### 6. SAFETY GRILL

Die cast aluminum, composite, or solid brass round safety grills available. Grill rotates 360° for glare control and is secured to the well sleeve with two self-tapping screws.

#### 7. BALLAST

Remote ballasts enclosures available for HID models.

## DIMENSIONS



## ACCESSORIES



Well Sleeve



Well Light



Directional Safety Grill

## ORDER INFORMATION

### FIXTURE-

Order #	Catalog#	Description
WLAR4-30	ZWLAR4-15	Aluminum Well Light 15' cord
	ZWLAR4-30	Aluminum Well Light 30' cord
	WLBR40-15/BR	Brass Well Light 15' Cord
	WLBR40-30/BR	Brass Well Light 30' Cord

### SLEEVE-

Order #	Catalog#	Description
1	*PWLSLV	18" PVC Pipe (**Standard on all units)

### GRILL-

Order #	Catalog#	Description
1	S29	Aluminum Grill assembly
	S30	Brass Grill assembly
	S54	Composite Grill (black)

### LAMP\*-

Order #	Catalog#	Description
4		Mercury Vapor
	0	Not Required
	1	MV100R40MED 100W MV Med R40
	2	MV100R40CMED 100W MV Med Coated R40
	3	MV100PAR38MED 100W MV Med PAR38
	4	MV175R40MED 175W MV Med R40
	5	MV175R40CMED 175W MV Med Coated R40
		Metal Halide
	6	MH70R40FLMED 70W MH Med R40 Flood
	8	MH100R40FLMED 100W MH Med R40 Flood
	10	MH175R40FLMED 175W MH Med R40 Flood
	11	MH175R40SPMED 175W MH Med R40 Spot

### BALLAST-

Order #	Catalog#	Description
1		Mercury Vapor
	0	Not Required
	1	MSEG01 100W-MV-120V-Med Steel Enclosure GRN
	2	MSEG02 100W-MV-MT-Med Steel Enclosure GRN
	3	MSEG03 175W-MV-120V-Med Steel Enclosure GRN
	4	MSEG04 175W-MV-MT-Med Steel Enclosure GRN
	9	FGEG03 100W-MV-120V-Fiberglass Enclosure
	10	FGEG04 100W-MV-MT-Fiberglass Enclosure
	11	FGEG05 175W-MV-120V-Fiberglass Enclosure
	12	FGEG06 175W-MV-MT-Fiberglass Enclosure
	18	ZCBB02 100W-MV-MT-Composite Burial Enclosure
	19	ZCBB03 175W-MV-MT-Composite Burial Enclosure
	24	SSEG04 100W-MV-120V-Small Steel Enclosure GRN
		Metal Halide
	5	*MSEG06 70W-MH-MT-Med Steel Enclosure GRN
	6	MSEG07 100W-MH-MT-Med Steel Enclosure GRN
	7	MSEG09 175W-MH-MT-Med Steel Enclosure GRN
	8	MSEG10 175W-MH-480V-Med Steel Enclosure GRN
	13	*FGEG08 70W-MH-MT-Fiberglass Enclosure
	14	*FGEG09 100W-MH-MT-Fiberglass Enclosure
	15	FGEG11 175W-MH-MT-Fiberglass Enclosure
	16	FGEG12 175W-MH-480V-Fiberglass Enclosure
	21	ZCBB05 70W-MH-MT-Composite Burial Enclosure
	22	ZCBB06 100W-MH-MT-Composite Burial Enclosure
	23	ZCBB07 175W-MH-MT-Composite Burial Enclosure

## BURIAL LIGHTS

### TDB2W BURIAL LIGHT



#### 1. WALK OVER GLASS

Tempered heat resistant walk over glass. Available in place of standard crown glass. Not available with the E-17 lamp.

#### 2. STAINLESS STEEL COVERS

Architectural designed machined stainless steel lens ring available in place of standard composite ring or composite rock guards.

#### 3. HOUSING

Compression molded fiber reinforced polyester composite. Color impregnated SR2 composite will not flake or peel. Two 3/4" threaded entry standard.

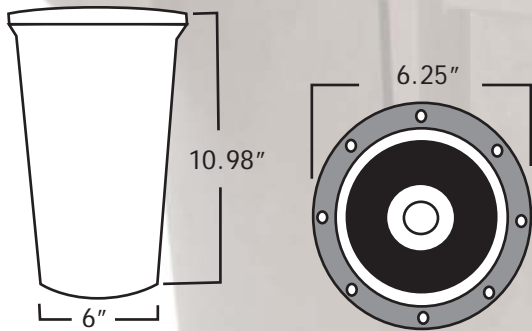
#### 4. BALLAST

Power packs with quick connectors and handles allow for easy installation. All ballast trays are thermally protected and come prewired to specific line voltages.

#### 5. ANTI-SIPHON CHAMBER

Special chamber designed to ensure no water entry passed from junction box to main housing.

## DIMENSIONS



## ACCESSORIES

### Shields



### Pour Kit



### Guards



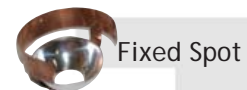
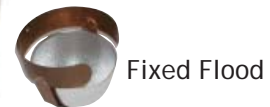
### Rings



### Glass



### Optics



### Bases



## FEATURES



### TDBW Ballast Tray with Quick Connects

These new TDBW ballast trays are pre-wired to your specifications with quick connectors for easy installation.

### Re-Designed Anti- Siphon Chamber

With the increasing problem of water build up inside the fixture, we have re-designed all of our TDBW buckets with a new anti-siphon chamber. This chamber keeps all ballast components separated from the wiring conduit. This prevents any water absorbed from the ground confined to a separate section.



## ORDER INFORMATION

### FIXTURE-

Order #	Catalog#	Description	
TDB2W	TDB2W	ZTDB2W	TDB2W Direct Burial Fixture Assembly

### RING / GUARD-

Order #	Catalog#	Description	
1	1	TDB2-RG-COM	Composite Ring
	2	TDB2-GRD-COM	Rock Guard
	3	TDB2-RG-SS	Stainless Steel Ring

### BALLAST-

Order #	Catalog#	Description	
2	0	NA	Not Required
	1	TDB2W50MVQ	TDB2W Coated Ballast MH50W-MT Mercury Vapor
	2	TDB2W50MHQ	TDB2W Coated Ballast MH50W-MT Metal Halide
	3	TDB2W50HPSQ	TDB2W Coated Ballast MH50W-MT High Pressure Sodium
	4	TDB2W32CF120	TDB2W 32 Watt Compact Fluorescent Ballast 120V

### OPTICS (REFLECTOR) -

Order #	Catalog#	Description	
1	1	TDB2W-FFR	TDB2W Fixed Flood Reflector (E-17 lamp only)
	2	TDB2W-FSR	TDB2W Fixed Spot Reflector (E-17 lamp only)
	3	TDB2W-INC	TDB2W Incandescent Bracket Assembly

### LENS-

Order #	Catalog#	Description	
1	1	TDB2-GK-WO	TDB2W Walk Over Lens
	2	TDB2-GK-CON	TDB2W Convex Lens
	3	TDB2-GK-CON-BLU	TDB2W Blue Convex Lens

### LAMPS-

Order #	Catalog#	Description	
7		Metal Halide	
	1	MH50MED	50W MH Medium E17
		Mercury Vapor	
	2	MV50R20MED	50W MV Medium R 20
	3	MV50MED	50W MV Medium E17
		High Pressure Sodium	
	4	HPS50MED	50W HPS Medium E17
		Halogen	
	5	Q50PNF130	50W Quartz Par 30 Narrow Flood 130V
	6	Q50P30NS130	50W Quartz Par 30 Narrow Spot 130V
	7	Q75P30F130	75W Quartz Par 30 Flood 130V
	8	Q75P30NS130	75W Quartz Par 30 Narrow Spot 130V
		PL System	
	9	TL32CF	32 Watt compact fluorescent light with 4-pin 65K

### VOLTAGE- Required

Order #	Catalog#	Description	
4	1	120 VOLT	Voltage
	2	208 VOLT	Voltage
	3	240 VOLT	Voltage
	4	277 VOLT	Voltage

\* Lamps must be used with Convex Lens only

## BURIAL LIGHTS

### TDB3W BURIAL LIGHT



#### 1. WALK OVER GLASS

Tempered heat resistant walk over glass. Available in place of standard crown glass.

#### 2. STAINLESS STEEL COVERS

Architectural designed machined stainless steel lens ring available in place of standard composite ring or composite rock guards.

#### 3. BALLAST

Power packs with quick connectors and handles allow for easy installation. All ballast trays are thermally protected and come pre-wired to specific line voltages.

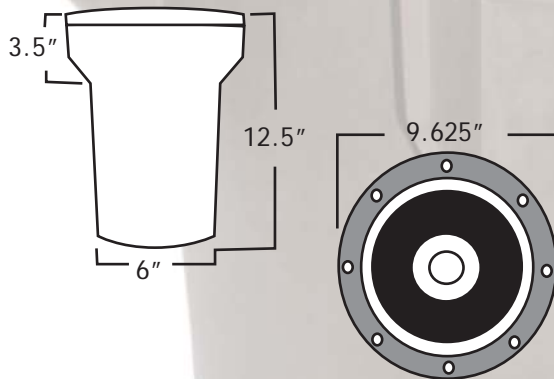
#### 4. ANTI SIPHON CHAMBER

Special chamber designed to ensure no water entry passed from junction box to main housing.

#### 5. HOUSING

Compression molded fiber reinforced polyester composite. Color impregnated SR2 composite will not flake or peel. Two 3/4" threaded entry standard.

## DIMENSIONS



## FEATURES



#### TDBW Ballast Tray with Quick Connects

These new TDBW ballast trays are pre-wired to your specifications with quick connectors for easy installation.

#### Re-Designed Anti- Siphon Chamber

With the increasing problem of water build up inside the fixture, we have re-designed all of our TDBW buckets with a new anti-siphon chamber. This chamber keeps all ballast components separated from the wiring conduit. This prevents any water absorbed from the ground confined to a separate section.



## ACCESSORIES

### Shields



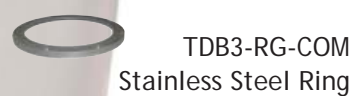
### Pour Kit



### Guards



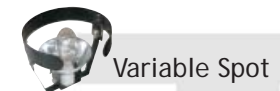
### Rings



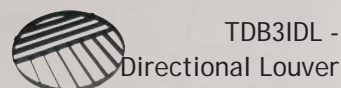
### Glass



### Optics



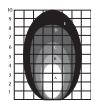
### Louvers



### Bases



PHOTOMETRICS AVAILABLE  
ON PAGE 14



\* Unavailable with walk over glass.

## ORDER INFORMATION

Fixture	Order #	Catalog#	Description
TDB3W	TDB3W	ZTDB3W	TDB3W Direct Burial Fixture Assembly

Ring/Guard	Order #	Catalog#	Description
1	1	TDB3-RG-COM	Composite Ring
	2	TDB3-GRD-COM	Rock Guard
	3	TDB3-RG-SS	Stainless Steel Ring

Ballast	Order #	Catalog#	Description
2	<b>Metal Halide</b>		
	1	TDB3W35MHQ	TDB3W Coated Ballast MH35W-MT Metal Halide
	2	TDB3W50MHQ	TDB3W Coated Ballast MH50W-MT Metal Halide
	3	TDB3W70MHQ	TDB3W Coated Ballast MH70W-MT Metal Halide
	<b>Mercury Vapor</b>		
	4	TDB3W50MVQ	TDB3W Coated Ballast MV50W-MT Mercury Vapor
	5	TDB3W75MVQ	TDB3W Coated Ballast MV75W-MT Mercury Vapor
	6	TDB3W100MVQ	TDB3W Coated Ballast MV100W-MT Mercury Vapor
<b>High Pressure Sodium</b>			
7	TDB3W50HPSQ	TDB3W Coated Ballast HPS50W-MT High Pressure Sodium	
8	TDB3W70HPSQ	TDB3W Coated Ballast HPS70W-MT High Pressure Sodium	

Optics (Reflector)	Order #	Catalog#	Description
1	1	TDB3W-VFA	TDB3W Variable Flood Reflector (E-17 lamp only)
	2	TDB3W-VSA	TDB3W Variable Spot Reflector (E-17 lamp only)
	3	TDB3W-WWA	TDB3W Wall Wash Reflector (E-17 lamp only)
	4	TDB3WH	TDB3W Wire Harness/Socket

Lens	Order #	Catalog#	Description
1	1	TDB3-GK-WO	TDB3W Walk Over Lens
	2	TDB3-GK-CON	TDB3W Convex Lens

Lamps	Order #	Catalog#	Description	Order #	Catalog#	Description
7	<b>Metal Halide</b>			<b>High Pressure Sodium</b>		
	1	MH35MED	35W MH Medium E17	17	HPS50	50W HPS Medium E17
	2	MH35PAR30FLMED	35W MH Medium Par 30 Flood	18	HPS70	70W HPS Medium E17
	3	MH35PAR30SPMED	35W MH Medium Par 30 Spot	<b>Incandescent</b>		
	4	MH50MED	50W MH Medium E17	19	Q50PNF130	50W Quartz Par 30 Narrow Flood 130V
	5	MH70MED	70W MH Medium E17	20	Q50P30NS130	50W Quartz Par 30 Narrow Spot 130V
	6	MH70PAR30FLMED	70W MH Medium Par 30 Clear Flood	21	Q75P30NF130	75W Quartz Par 30 Flood 130V
	7	MH70PAR30SPMED	70W MH Medium Par 30 Clear Spot	22	Q75P30NF130	75W Quartz Par 30 Narrow Flood 130V
	8	CMH70PAR38/FL25	CMH70/ PAR38/ 830/ FL25	23	Q75P30NS130	75W Quartz Par 30 Narrow Spot 130V
	9	CMH70PAR38/WFL	CMH70/ PAR38/ 830/ WFL	24	Q90P38F130	90W Quartz Par 38 Flood 130V
	10	CMH70PAR38SP15	CMH70/ PAR38/ 830/ SP15	25	Q90P38S130	90W Quartz Par 38 Spot 130V
	<b>Mercury Vapor</b>					
	11	MV50MED	50W MV Medium E17			
	12	MV50R30MED	50W MV Medium R 30			
	13	MV75MED	75W MV Medium E-17			
	14	MV100MED	100W MV Medium E17			
15	MV100R30MED	100W MV Medium R 30				
16	MV100PAR38MED	100W MV Medium Par 38 Clear Spot				

Voltage	Order #	Catalog#	Description
4	1	120 VOLT	Voltage
	2	208 VOLT	Voltage
	3	240 VOLT	Voltage
	4	277 VOLT	Voltage

## BURIAL LIGHTS

### TDB4W BURIAL LIGHT



#### 1. WALK OVER GLASS

Tempered heat resistant walk over glass. Available in place of standard crown glass.

#### 2. STAINLESS STEEL COVERS

Architectural designed machined stainless steel lens ring available in place of standard composite ring or composite rock guards.

#### 3. BALLAST

Power packs with quick connectors and handles allow for easy installation. All ballast trays are thermally protected and come pre-wired to specific line voltages.

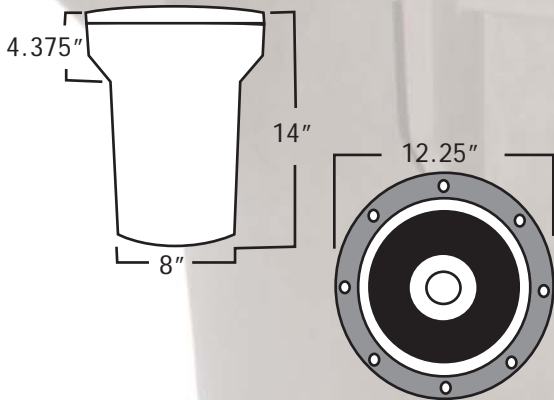
#### 4. ANTI SIPHON CHAMBER

Special chamber designed to ensure no water entry passed from junction box to main housing.

#### 5. HOUSING

Compression molded fiber reinforced polyester composite. Color impregnated SR2 composite will not flake or peel. Two 3/4" threaded entry standard.

## DIMENSIONS



## FEATURES



### TBDW Ballast Tray with Quick Connects

These new TBDW ballast trays are pre-wired to your specifications with quick connectors for easy installation.

### Re-Designed Anti- Siphon Chamber

With the increasing problem of water build up inside the fixture, we have re-designed all of our TDBW buckets with a new anti-siphon chamber. This chamber keeps all ballast components separated from the wiring conduit. This prevents any water absorbed from the ground confined to a separate section.



## ACCESSORIES

### Shields



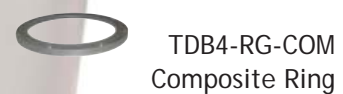
### Pour Kit



### Guards



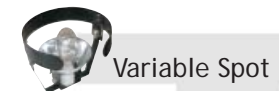
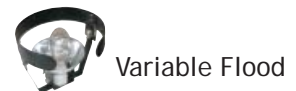
### Rings



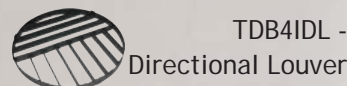
### Glass



### Optics



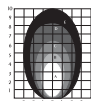
### Louvers



### Bases



PHOTOMETRICS AVAILABLE  
ON PAGE 15



\* Unavailable with walk over glass.

## ORDER INFORMATION

Fixture	Order #	Catalog#	Description
TDB4W	TDB4W	ZTDB4W	Composite Direct Burial Housing

Ring/Guard	Order #	Catalog#	Description
1	1	TDB4-RG-COM	Composite Ring
	2	TDB4-GRD-COM	Rock Guard
	3	TDB4-RG-SS	Stainless Steel Ring

Ballast	Order #	Catalog#	Description
2	<b>Metal Halide</b>		
	1	TDB4W70MHQ	TDB4W Coated Ballast MH70W-MT Metal Halide
	2	TDB4W100MHQ	TDB4W Coated Ballast MH100W-MT Metal Halide
	3	TDB4W150MHQ	TDB4W Coated Ballast MH150W-MT Metal Halide
	4	TDB4W175MHQ	TDB4W Coated Ballast MH175W-MT Metal Halide
	11	TDB4W175MH480	TDB4W Coated Ballast MH175W-480V Metal Halide
	<b>Mercury Vapor</b>		
	5	TDB4W75MVQ	TDB4W Coated Ballast MV75W-MT Mercury Vapor
	6	TDB4W100MVQ	TDB4W Coated Ballast MV100W-MT Mercury Vapor
	7	TDB4W175MVQ	TDB4W Coated Ballast MV175W-MT Mercury Vapor
	<b>High Pressure Sodium</b>		
	8	TDB4W70HPSQ	TDB4W Coated Ballast HPS70W-MT High Pressure Sodium
	9	TDB4W100HPSQ	TDB4W Coated Ballast HPS100W-MT High Pressure Sodium
	10	TDB4W150HPSQ	TDB4W Coated Ballast HPS150W-MT High Pressure Sodium

Optics (Reflector)	Order #	Catalog#	Description
1	1	TDB4W-VFA	TDB4W Variable Flood Reflector (E-17 lamp only)
	2	TDB4W-VSA	TDB4W Variable Spot Reflector (E-17 lamp only)
	3	TDB4W-WWA	TDB4W Wall Wash Reflector (E-17 lamp only)
	4	TDB4WH	TDB4W Wire Harness/Socket

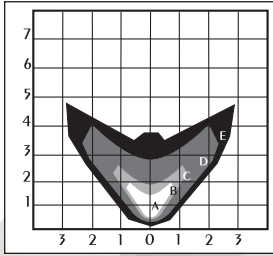
Lens	Order #	Catalog#	Description
1	1	TDB4-GK-WO	TDB4W Walk Over Lens
	2	TDB4-GK-CON	TDB4W Convex Lens

Lamps	Order #	Catalog#	Description	Order #	Catalog#	Description
7	<b>Metal Halide</b>			15	MH175R40SPMED	175W MH Medium R40 Spot
	1	MH70MED	70W MH Medium E17			
	2	CMH70PAR38/FL25	CMH70/ PAR38/ 830/ FL25			
	3	CMH70PAR38/WFL	CMH70/ PAR38/ 830/ WFL			
	4	CMH70PAR38/SP15	CMH70/ PAR38/ 830/ SP15			
	5	MH70R40FLMED	70W MH Medium R40 Flood			
	7	MH100MED	100W MH Medium E17 MXR-Open			
	8	CMH100PAR38/FL25	CMH100/PAR38/830/ FL25			
	9	CMH100PAR38/WFL	CMH100/PAR38/830/WFL			
	10	CMH100PAR38/SP15	CMH100/PAR38/830/ SP15			
	11	MH100R40FLMED	100W MH Medium R40 Flood			
	12	MH150MED	150W MH Medium E17			
	13	MH175MED	175W MH Medium E17			
	14	MH175R40FLMED	175W MH Medium R40 Flood			
				<b>Mercury Vapor</b>		
				16	MV75MED	75W MV Medium E17
				17	MV100MED	100W MV Medium E17
				18	MV100PAR38MED	105W MV Medium Par 38 Spot
				Clear		
				19	MV100R40MED	100W MV Medium R40
				20	MV175MED	175W MV Medium Base
				21	MV175R40MED	175W MV Medium R40
				<b>High Pressure Sodium</b>		
				22	HPS70MED	70W HPS Medium E17
				23	HPS100MED	100W HPS Medium E17
				24	HPS150MED	150W HPS Medium E17
				<b>Incandescent</b>		
				25	Q90P38F130	90W Quartz Par 38 Flood
				130V		
				26	Q90P38S130	90W Quartz Par 38 Spot
				130V		

Voltage	Order #	Catalog#	Description
4	1	120 VOLT	Voltage
	2	208 VOLT	Voltage
	3	240 VOLT	Voltage
	4	277 VOLT	Voltage

# B URIAL LIGHT PHOTOMETRICS

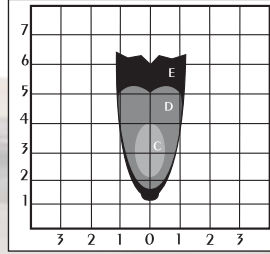
## TDB3W PHOTOMETRICS Optics at 0° tilt



**TDB3W-70MH-SPV Wide**

Set Back Distance (SB)

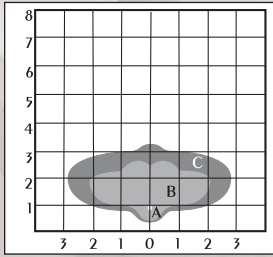
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-SPV Narrow**

Set Back Distance (SB)

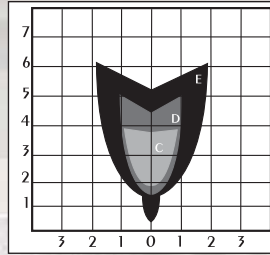
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-WW Wall Wash**

Set Back Distance (SB)

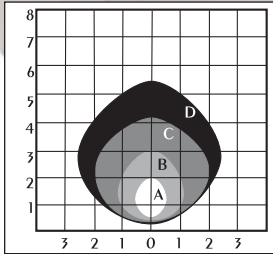
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-SPV Medium**

Set Back Distance (SB)

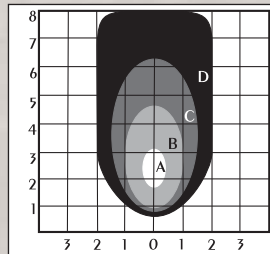
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-FLV Medium**

Set Back Distance (SB)

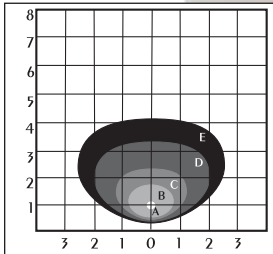
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-Par30 Flood 30°**

Set Back Distance (SB)

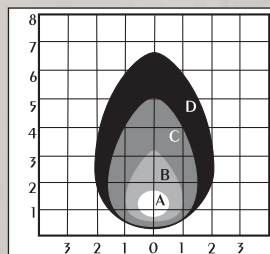
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-FLV Wide 110°**

Set Back Distance (SB)

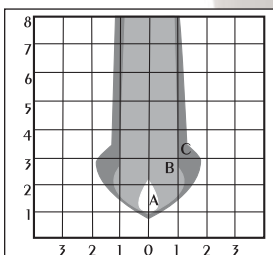
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB3W-70MH-FLV Narrow 36°**

Set Back Distance (SB)

SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



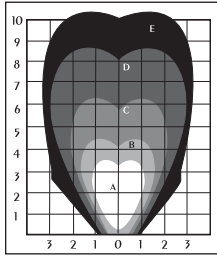
**TDB3W-70MH-Par Spot 10°**

Set Back Distance (SB)

SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77

# BURIAL LIGHT PHOTOMETRICS

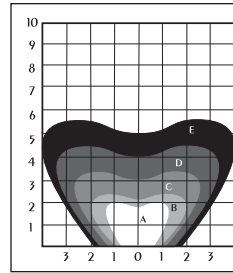
## TDB4W PHOTOMETRICS Optics at 0° tilt



**TDB4W-175MH-SPV Wide 45°**

Set Back Distance (SB)

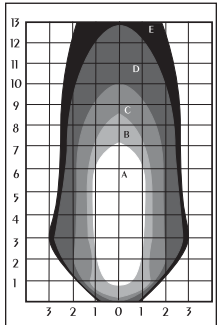
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB4W-175MH-FLV Wide 80°**

Set Back Distance (SB)

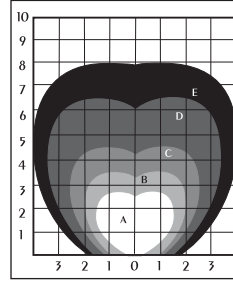
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB4W-175MH-SPV Medium**

Set Back Distance (SB)

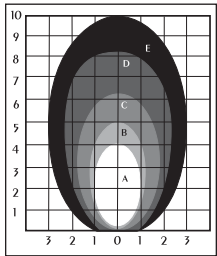
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB4W-175MH-FLV Medium**

Set Back Distance (SB)

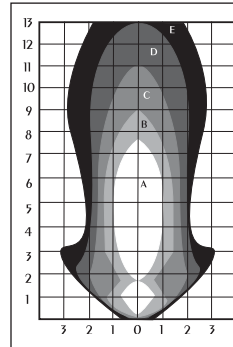
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB4W-175MH-FLV Narrow 30°**

Set Back Distance (SB)

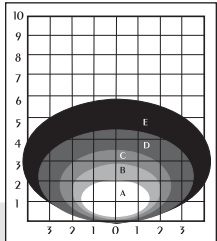
SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB4W-175MH-SPV Narrow 10°**

Set Back Distance (SB)

SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77



**TDB4W-175MH-WW Up**

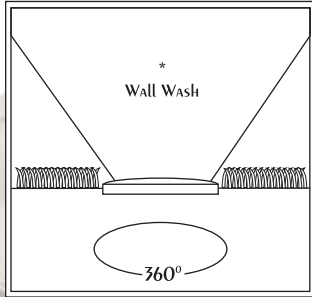
Set Back Distance (SB)

SB	A	B	C	D	E
2.5	39.2	19.6	9.8	3.92	1.96
3	27.22	13.61	6.81	2.72	1.36
3.5	20	10	5	2	1
4	15.31	7.66	3.83	1.53	.77

# OPTICAL DIAGRAMS

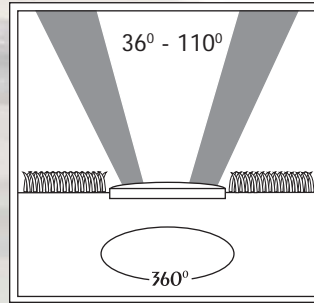
**TDB3W** - Fully adjustable flood and spot optics with variable beam spreads available. Wall wash and Par R stylr reflector lamps can also be accomodated. Beam spread and tilt can be locked into place. Easy "quick connectors" allow for easy installations. Interchangeable optics.

Wall Washer



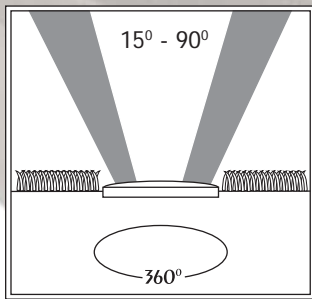
MH 35, 50, 70  
MV 50, 75, 100  
HPS 50, 70

Variable Flood



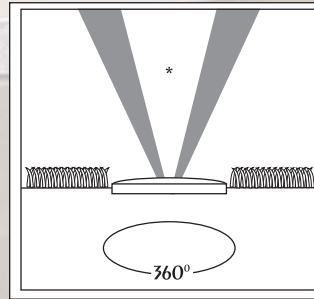
MH 35, 50, 70  
MV 50, 75, 100  
HPS 50, 70

Variable Spot



MH 35, 50, 70  
MV 50, 75, 100  
HPS 50, 70

R/Par Reflector

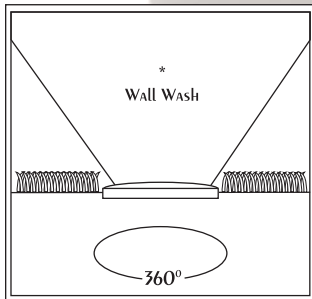


MH 35, 70  
MV 50, 100 R-30  
INC up to 100W

\* Depends on Lamp

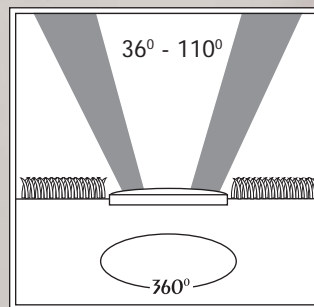
**TDB4W** - Fully adjustable flood and spot optics with variable beam spreads available. Wall wash and Par R style reflector lamps can also be accomodated. Beam spread and tilt can be locked into place. Easy "quick connectors" allow for easy installations. Interchangeable optics.

Wall Washer



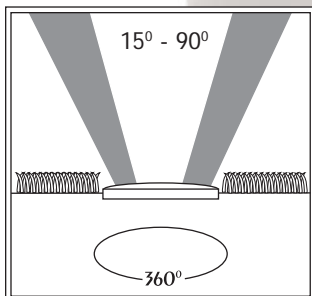
MH 70, 100, 150, 175  
MV 75, 100, 175  
HPS 70, 100, 150

Variable Flood



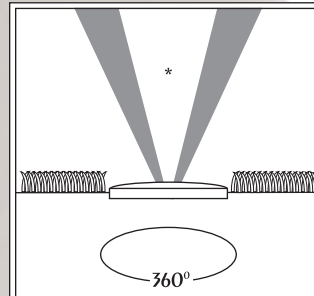
MH 70, 100, 150, 175  
MV 75, 100, 175  
HPS 70, 100, 150

Variable Spot



MH 70, 100, 150, 175  
MV 75, 100, 175  
HPS 70, 100, 150

R/Par Reflector



MH 70, 100 Par, 175  
MV 75, 100 R-30, 175  
INC up to 100W

\* Depends on Lamp

# TECHLIGHT TERMS AND CONDITIONS

MODIFICATIONS AND ADDITIONS MAY CHANGE FROM TIME TO TIME.

PLEASE CHECK OUR WEB SITE FOR CURRENT TERMS AND CONDITIONS AT [WWW.TECHLIGHTUSA.COM](http://WWW.TECHLIGHTUSA.COM)

## PRICING

Net prices per lamps and fixtures as listed in schedule application to one shipping location at one time. All prices are subject to change without notice.

## ORDERING

Techlight produces a catalog that gives technical specifications and dimensions of most of our products, as well as a full listing of parts and accessories. Techlight will perform special order configuration of equipment to meet your needs. Minimum order, \$100.00.

## SHIPPING & FREIGHT

For overnight or 2nd day service, orders must be received by 12 P.M. CST to guarantee same day shipment. Orders shipped by motor freight usually take four to five days to reach destinations on either coast. Buyers should direct requests for C.O.D. with their Techlight representative. UPS has several programs available to suit your needs. GROUND UPS shipments usually take four to six days to reach the east coast, five to seven days to reach the west coast, 4 days to the mid-west, and one to two days within Texas. SECOND DAY AIR is more expensive, yet guarantees delivery two days after UPS receives parcels. Weekend delivery must be specified. Techlight is not responsible for any losses or damage to goods subsequent to shipment. Techlight will assist you in resolving or processing any claims that may arise against carriers.

## F.O.B. TECHLIGHT.

Techlight reserves the right to select the carrier of its choice. If a specific carrier is designated, the customer will be charged the difference in freight cost.

PRE-SHIPMENT OF ANCHOR BOLTS- Customer is responsible for freight charges for this service.

## INSURANCE

Insurance can be applied to purchaser's shipments at the purchaser's expense, unless the purchase order specifically requests insurance, no insurance will be added.

## DELAYS, DAMAGE or LOSS

Techlight is not and shall not be liable for delays in shipments or deliveries of product when caused by strike, riots, hurricanes, civil disorder, fires, material shortages, breakdown in manufacturing facilities and/or any other cause beyond its reasonable control. Any claim for damages, loss or shortages in transit must be made by the buyer to the carrier. The risk of loss or damage passes on to the buyer upon delivery to the carrier.

1.800.225.0727

## CLAIMS AND RIGHTS

Claims for shortages or inaccurate picking of orders must be made to Techlight no later than ten days after shipment of goods. Please include a copy of the invoice or packing slip. A return goods authorization number (RGA) must be obtained from Techlight before products will be accepted and/or credit issued. This return number must be clearly visible on all cartons. Returns will not be accepted on special orders. All returns must be made within 90 days of delivery and must be shipped prepaid.

## RESTOCKING CHARGE

There is a 15% restocking charge on any item returned for credit or exchange. A 25% restocking charge will be made on returned merchandise which does not have a confirmed RGA authorization number. Techlight reserves the right to adjust the restocking charge or refuse return authorization on the following exclusions.

- (1) If the product requires repackaging.
- (2) If the product is damaged
- (3) If the product is a custom color.
- (4) If the product is a custom order
- (5) Damage to poles: all poles are shipped in a standard non-soluble, water resistant packing material, or may be completely packaged in cardboard and marked with warning notice for removal. Failure to remove the packaging upon arrival may result in damage to the pole finish, thus disallowing returns and voiding the warranty.

## CANCELLATIONS

Written consent must be obtained from Techlight prior to cancellation of any order. Techlight will endeavor to halt production of any orders upon agreeing to a cancellation; however cancellation of an order may subject the buyer to cancellation charges based on materials and/or expenses incurred by Techlight. NOTE: Special or custom orders are non cancellable unless written consent is request and obtained from Techlight prior to submitting the purchase order.

### **\*IMPORTANT WARRANTY LIMITATION\***

**LUMINAIRES MUST BE AFFIXED TO THE POLE AT THE TIME THE POLE IS ERECTED OR WARRANTY IS VOIDED.**

# TECHLIGHT TERMS AND CONDITIONS

## LIMITED WARRANTY & LIMITATION OF LIABILITY

Techlight will repair or replace (at its option) any part of the equipment delivered hereunder which under normal and proper use proves to be defective in workmanship or material within one year from date of shipment by Techlight ("Warranty period"). The correction of such defects by repair or replacement shall constitute fulfillment of all Techlight obligations with respect to the equipment sold hereunder. The liability of Techlight under this warranty for any loss or damage to the equipment or to the persons or property allegedly caused by the equipment, whether based on contract, strict Tort liability, negligence or warranty shall not in any case exceed cost of correcting defects in the equipment as herein provided and upon the expiration of the warranty period all such liability shall terminate. Techlight shall not be liable for special indirect, incidental or consequential damages of any kind.

## TECHLIGHT WILL NOT ALLOW CHARGES FOR LABOR, MATERIALS, ETC. THAT DOES NOT HAVE PRIOR WRITTEN APPROVAL BEFORE SUCH WORK IS IMPLEMENTED.

NOTE: Catalog pages are for reference. Specifications and dimensions may change without notice. The foregoing warranty is exclusive and in lieu of all other warranties of quality whether written, oral, express or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose.

WARNING: Every effort has been made to provide products that are safe as possible: However, lighting equipment requires high voltage current to operate and often requires elevated mounting for desired illumination. Responsible individuals should be made aware of the following: Improper selection, installation, operation, servicing, removal and disposal of lighting products may create serious hazards including fire, explosion, shock, laceration of skin, impaired vision, falling objects and environmental contamination. Reduce risks by using the guidance of licensed professionals throughout the product life cycle, by conforming to applicable codes and safety practices and by following individual product, component and accessory safety instructions and labels. We offer this in the interest of safety for our customers who may not be aware of the potentially high risk involved in the misuse of these products.

## CREDIT TERMS AND CONDITIONS

Credit requests from Techlight, require prospective clients to complete an application for credit. References provided will be checked and history will be verified before any business proceeds. If materials purchased are intended to improve real property, clients may be

required to provide additional information regarding purchases via a New Job Start Form. After orders have been placed, materials are shipped and invoices are billed. Payment is due thirty days post invoice date, unless alternate terms have been agreed upon and appropriate arrangements made. Should payment not be received within this thirty-day net period, a ten business day grace period will begin. Forty-five days past invoice date without payment in full, will result in Techlight delivering a demand for unpaid balances and preparations for legal action to collect for all furnished materials. Techlight will allow ten additional business days to process payments. If payment is not received within this period, a lien will be charged against the real property upon which Techlight materials are installed. Please be advised that the above practice is standard.

## PAYMENT

If you do not have an open account or an established payment record with Techlight, the following payment options apply:

- 1) Prepay order: If you prepay an order with an instrument that will provide Techlight with irrevocable credit when deposited at our bank, your order will be processed immediately. If you prepay with a check, your order will be processed when the funds are transferred to Techlight's account.
- 2) Open Accounts: Established businesses with a sound credit history are eligible for an open account with Techlight. Terms are Net 30.
- 3) Credit card: Techlight will process orders immediately when charged to an approved credit card. We accept Visa, MasterCard and American Express.

## SALES TAX

Techlight is authorized to collect sales tax for merchandise and freight sold and shipped in Texas and California only. If your purchase is taxable under laws of your city or state, you are advised to report and pay directly to the proper authorities. If you are tax exempt and purchase in the state of Texas, we must have a tax exemption certificate on file prior to shipment.

## JOB FORMS

A New Job Start Form must be completed for construction accounts prior to Techlight shipping materials to a job site.

## LIMITED FINISH WARRANTY

Techlight's limited finish warranty provides that the finish will be free from cracking, peeling, excessive fading, chalking or corrosion defects under normal use and service for a period of five years from the date of shipment.

# TECHLIGHT TERMS AND CONDITIONS

## LIMITED LAMP WARRANTY

Techlight's limited lamp warranty provides that the supplied lamps shall be free from defects in workmanship and material defects under normal use and service for the period listed below from the date of shipment.

### Three Month Warranty

Incandescent, halogen and quartz lamps  
Special ordered incandescent or fluorescent lamps not normally provided by Techlight regardless of the lamp manufacturers published warranty

### Six Month Warranty

Lamp with a rated life of less than 10,000 hours  
Special ordered HID lamps not normally provided by Techlight regardless of the lamp manufacturers published warranty

### One Year Warranty

Lamps with a rated life equal to or in excess of 10,000 hours

Special ordered HID lamps not normally provided by Techlight regardless of the lamp manufacturers published warranty

## LIMITED BALLAST WARRANTY

Techlight's limited ballast warranty provides that the supplied ballasts shall be free from defects in workmanship and material defects under normal use and service for a period of two years from the date of shipment.

## LIMITED POLE WARRANTY

### Five/Ten Year Warranty

Techlight warrants to the original purchaser, with proof of purchase, the products and galvanized anchor bolts structural integrity against excessive corrosion when Hot Dipped Galvanized for a period of ten years from date of shipment. Techlight warrants the finish for five years if it exhibits cracking, peeling, excessive fading, chalking or corrosion defects during the warranty period. The product and finish must be properly handled, maintained, installed and exposed to normal environmental conditions. This warranty excludes defects resulting from improper handling, storage, installation, acts of God, fire, vandalism or civil disturbances. This warranty excludes field labor or service charges related to the repair or replacement of the product or finish.

### Five Year Warranty

Techlight warrants to the original purchaser, with proof of purchase, the product and galvanized anchor bolts and its finish for a period of five years from date of shipment. Techlight will repair, or

at its option, replace the defective finish if it exhibits cracking, peeling, excessive fading, chalking or corrosion defects during the warranty period. The product together with the galvanized anchor bolts and finish must be properly handled, maintained, installed and exposed to normal environmental conditions. This warranty excludes defects resulting from improper handling, storage, installation, acts of God, fire, vandalism or civil disturbances. This warranty excludes field labor or service charges related to the repair or replacement of the product or finish.

### One Year Warranty (Harsh Environments)

Techlight warrants to the original purchaser, with proof of purchase, the product and its finish for a period of one year from date of shipment for any product meeting the following location conditions:

1. Within 30 miles of the coast line or a body of salt water.
2. Corrosive environments such as a waste water reclamation facility.

Techlight suggests that poles including anchor bolts located near or in some harsh environments should be Hot Dipped Galvanized.

Techlight will repair, or at its option, replace the defective finish if it exhibits cracking, peeling, excessive fading or corrosion defects during the warranty period. The product and finish must be properly handled, maintained, installed and exposed to normal environmental conditions. This warranty excludes defects resulting from improper handling, storage, installation, acts of God, fire, vandalism or civil disturbances. This warranty excludes field labor or service charges related to the repair or replacement of the product or finish.

**Techlight reserves the right to change the warranty period without prior notice and without incurring obligation and expressly disclaims all warranties not stated in this limited warranty. Refer to:**

[www.techlightusa.com](http://www.techlightusa.com)

for complete Terms and Conditions of Sale.



**TECHLIGHT**

2707 SATSUMA DR  
DALLAS, TX 75229  
1.800.225.0727  
[www.techlightusa.com](http://www.techlightusa.com)