



■ INDIRECT

Beta Lighting Indirect luminaires provide illumination to enhance architectural spaces with uplight applications. This section includes details of each luminaire including housing style, lamp position, optical description, lamp selection, voltage, finishes, options and accessories.



Aviator

SECTION CONTENTS

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390-391 Optical Distributions

392-393 Key Features and Benefits and Master Nomenclature

		Max Wattage	Lamp Position	Catalog Prefix
394-395	Small Aviator Indirect Type III or Type IV	175W	Horizontal	BIL-AVS-H-(T3 or T4)
396-397	Medium Aviator Indirect Type III or Type IV	400W	Horizontal	BIL-AVM-H-(T3 or T4)
398-399	16" Wedge Indirect Type III or Type IV	175W	Horizontal	BIL-W16-H-(T3 or T4)
400-401	22" Wedge Indirect Type III or Type IV	400W	Horizontal	BIL-W22-H-(T3 or T4)
402-403	12" Square Indirect Type III or Type IV	175W	Horizontal	BIL-S12-H-(T3 or T4)
404-405	16" Square Indirect Type III or Type IV	400W	Horizontal	BIL-S16-H-(T3 or T4)
406-407	22" Square Indirect Type III or Type IV	1000W	Horizontal	BIL-S22-H-(T3 or T4)
408-409	6" x 10" Rectangular Indirect Type III or Type IV	175W	Horizontal	BIL-RCT-H-(T3 or T4)
410-411	16" Aluminum Reflector Indirect – Type V	1000W	Vertical	BIL-A16-V-T5
412	Indirect – Mounting Accessories (Field Installed)			



Wedge



Square



Rectangular



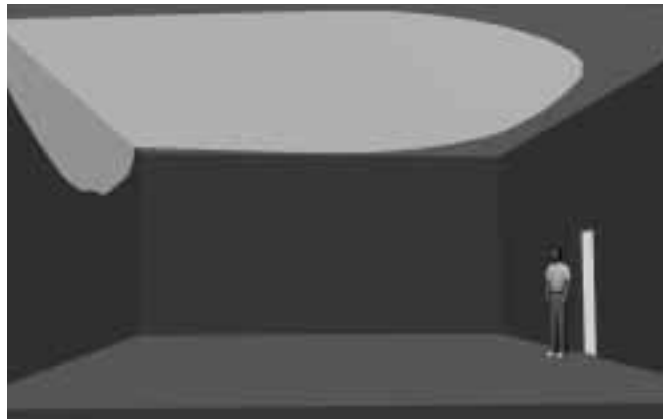
■ **H-T3 Type III**
Horizontal lamp



This segmented reflector features an optical system designed to provide excellent side-to-side indirect distribution of light. These luminaires are ideal for indirect lighting from a wall-mounted fixture.



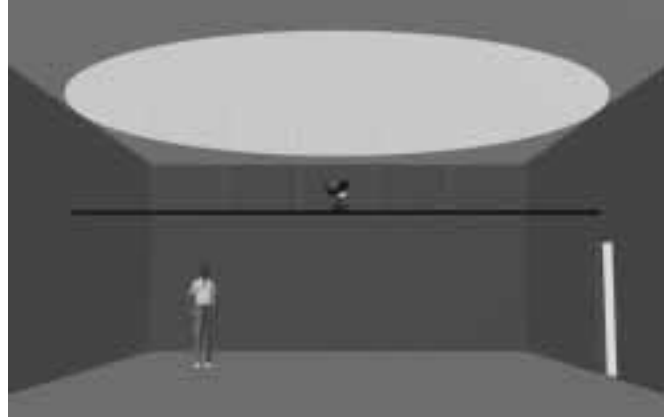
■ **H-T4 Type IV**
Horizontal lamp



This specular hammertone reflector with semi-specular sides produces a forward-throw indirect distribution of light to provide uniform ceiling illumination with little spill light on the wall. An adjustable backlight shield is standard. These luminaires are also ideal for indirect lighting from a wall-mounted fixture.



■ V-T5 Type V Vertical lamp



This hydro-formed aluminum reflector provides 80-percent efficiency and features a symmetrical light pattern on the ceiling. These luminaires are ideal for school commons/gymnasiums, industrial, commercial and retail applications and are often mounted to suspended unistrut.



KEY FEATURES AND BENEFITS

Optical Systems

- Computer-designed reflectors engineered for maximum performance and control
- Reflector systems make use of the latest high-efficiency materials to further optimize lighting results

Lamp

- HID lamp included

Housing and Door Frame

- Die-cast aluminum housing
- Internal ribbing structure to prevent any wall distortion or sagging
- Aluminum die-cast door frame with stainless-steel captive fasteners
- High-impact, strength-tempered glass lens
- No-leak silicone gasket to assure a lifetime seal

Electrical

- High power factor ballasts are standard
- Ballast and other electrical components are strategically located and heat sunk to the aluminum housing for maximum longevity
- Electrical characteristics of every luminaire are tested prior to packing and shipping

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty
- E-coat epoxy primer
- Ultra-durable powder topcoat
- Excellent resistance to corrosion, ultraviolet degradation and abrasion

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied

Indirect Fixtures

BIL Series

See following pages for specific product availability.

ORDER CODE LOGIC

BIL	W22	H	FT	400 MHX	MT	WH	Q
Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selections	Ballast Voltage	Color Options	Fixture Options (Factory Installed)
BIL	AVS = Aviator Small AVM = Aviator Medium W16 = 16" Wedge W22 = 22" Wedge S12 = 12" Square Housing S16 = 16" Square Housing S22 = 22" Square Housing RCT = Rectangular Housing A16 = 16" Aluminum	H = Horizontal V = Vertical	T3 = Type III T4 = Type IV T5 = Type V	050 PMH 070 PMH 100 PMH 150 PMH 175 MHX 200 PMH 250 PMH/MHX 320 PMH 350 PMH 400 PMH/MHX 450 PMH 750 PMH 875 PMH 10X PMH/MHX	MT = Multi-tap DT = Dual-tap 12 = 120 Volt 20 = 208 Volt 24 = 240 Volt 27 = 277 Volt 34 = 347 Volt (Canada) 48 = 480 Volt 5_ = 50 Hz (International)	WH = White BZ = Bronze BK = Black PB = Platinum Bronze SV = Silver	F = Fuse Q = Quartz Standby GS = Grey Accent Stripe RB = Remote Ballast RS = Red Accent Stripe

Lamp Abbreviations: MHX = Metal Halide, PMH = Pulse Start Metal Halide
 A 5_ indicates a 50 Hertz ballast. See page 11 for the second number designator to specify voltage required. The table above is for reference only – see specific product pages for actual ordering options.

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage: 150W PSMH, 175W MH
- Medium base HID lamp included

Housing and Door Frame

- Appealing architectural shape
- Low copper die-cast aluminum housing and door frame for maximum resistance to corrosion
- Tempered glass lens for maximum impact resistance
- Unique hinge assembly provides easy access to electrical components
- Tool-less entry

Electrical

- High power factor ballasts are standard
- Ballast and other electrical components are located on a removable tray for easy maintenance

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



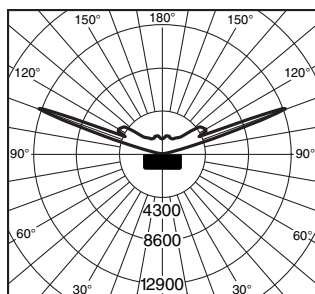
PB
Platinum
Bronze

Optional Color
Up Charge Applies

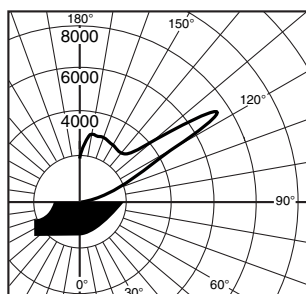


SV
Silver

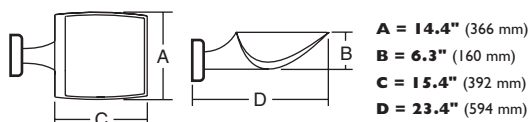




Candlepower distribution curve of 150W PSMH T3.



Candlepower distribution curve of 175W MH T4 with backlight shield located for backlight cutoff.



See page 393 for order code logic.

SMALL AVIATOR INDIRECT – TYPE III OR TYPE IV (Example: BIL-AVS-H-T4-I 50PMH-MT-PB)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	AVS	H	T3	050 PMH	MT	WH	F
				070 PMH	DT	BZ	Q
				100 PMH	12	BK	
				150 PMH	20	PB	
				175 MHX	24	SV	
					27		
	34						
	48						
	5_						

Formerly BEM and BEN

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 75°C minimum supply wire is required
- Suitable for surface wiring

Ballast & Lamp Footnotes

- 50W, 70W & 100W PMH are standard with dual-tap (DT) ballast
- 150W PMH & 175W MHX are standard with multi-tap (MT) ballast
- 480V ballast available for 175W MHX
- International 50 Hertz ballasts available; see page 11 for specification information

Option Footnotes

- F (Fuse) – Must specify voltage other than MT or DT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage:
400W PSMH*, 400W MH*
- *Reduced envelope lamp:
ED28 for 320W, 350W &
400W PSMH and 400W MH
- Mogul base HID lamp included

Housing and Door Frame

- Appealing architectural shape
- Low copper die-cast aluminum housing and door frame for maximum resistance to corrosion
- Tempered glass lens for maximum impact resistance
- Unique hinge assembly provides easy access to electrical components
- Tool-less entry

Electrical

- High power factor ballasts are standard
- Ballast and other electrical components are located on a removable tray for easy maintenance

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard
Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



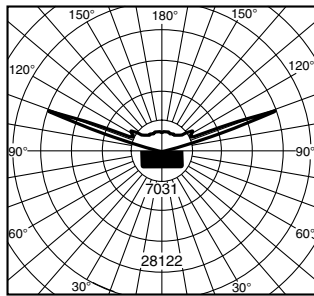
PB
Platinum
Bronze

Optional Color
Up Charge Applies

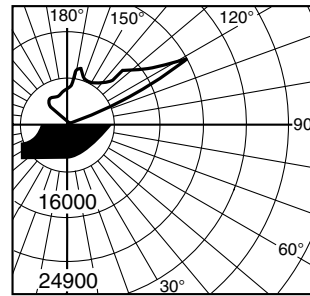


SV
Silver

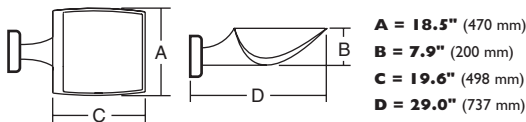




Candlepower distribution curve of 400W PSMH T3.



Candlepower distribution curve of 400W MH T4 without backlight shield.



See page 393 for order code logic.

MEDIUM AVIATOR INDIRECT – TYPE III OR TYPE IV (Example: BIL-AVM-H-T4-250PMH-MT-PB)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	AVM	H	T3	175 MHX	MT	WH	F
				200 PMH	12	BZ	Q
			T4	250 PMH/MHX	20	BK	
				320 PMH	24	PB	
				350 PMH	27	SV	
				400 PMH/MHX	34		
					48		
	5_						

Formerly BEP and BEQ

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 75°C minimum supply wire is required
- Suitable for surface wiring

Ballast & Lamp Footnotes

- All fixtures are standard with multi-tap (MT) ballast
- All wattages available in 480V ballast
- International 50 Hertz ballasts available; see page 11 for specification information

Option Footnotes

- F (Fuse) – Must specify voltage other than MT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage:
150W PSMH, 175W MH
- Medium base HID lamp included

Housing and Door Frame

- Appealing architectural shape
- Low copper die-cast aluminum door frame
- Tempered glass lens for maximum impact resistance

Electrical

- High power factor ballasts are standard
- Ballast and other electrical components easily accessible for maintenance

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard
Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



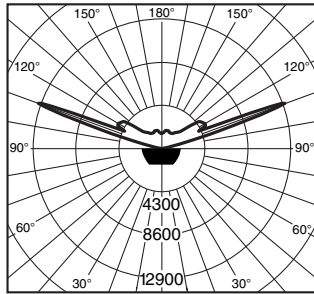
PB
Platinum
Bronze

Optional Color
Up Charge Applies

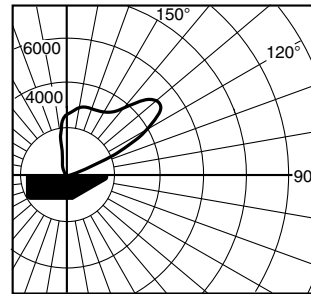


SV
Silver

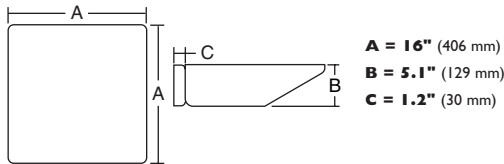




Candlepower distribution curve of 150W PSMH T3.



Candlepower distribution curve of 150W PSMH T4 with backlight shield.



See page 393 for order code logic.

16" WEDGE INDIRECT – TYPE III OR TYPE IV (Example: BIL-W16-H-T4-150PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	W16	H	T3	050 PMH	MT	WH	F
				070 PMH	DT	BZ	Q
			T4	100 PMH	12	BK	RS
				125 PMH	20	PB	GS
				150 PMH	24	SV	
				175 MHX	27		
					34		
	48						
	5_						

Formerly BEBU and BEAU

Ballast & Lamp Footnotes

- 50W, 70W, 100W & 125W PMH are standard with dual-tap (DT) ballast
- 150W PMH & 175W MHX are standard with multi-tap (MT) ballast
- 480V ballast available for 175W MHX
- International 50 Hertz ballasts available; see page 11 for specification information

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 150°C minimum supply wire is required
- If surface wiring is required, consult factory

Option Footnotes

- F (Fuse) – Must specify voltage other than MT or DT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)
- RS (Red Stripe) – Decorative color striping
- GS (Grey Stripe) – Decorative color striping

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage:
400W PSMH*, 400W MH*
- *Reduced envelope lamp:
ED28 for 320W, 350W &
400W PSMH and 400W MH
- Mogul base HID lamp included

Housing and Door Frame

- Appealing architectural shape
- Low copper die-cast aluminum door frame
- Tempered glass lens for maximum impact resistance

Electrical

- High power factor ballasts are standard
- Ballast and other electrical components easily accessible for maintenance

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard
Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



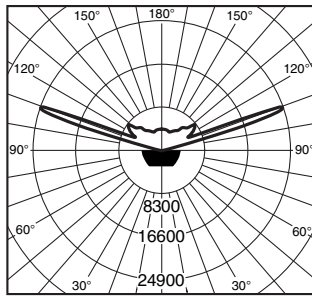
PB
Platinum
Bronze

Optional Color
Up Charge Applies

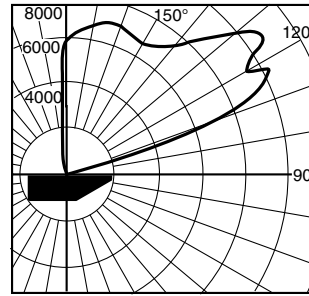


SV
Silver

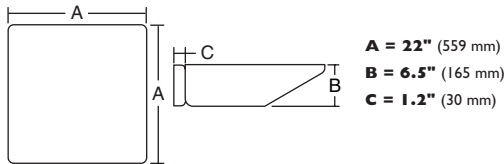




Candlepower distribution curve of 400W MH T3.



Candlepower distribution curve of 400W MH T4 with backlight shield.



See page 393 for order code logic.

16" WEDGE INDIRECT – TYPE III OR TYPE IV (Example: BIL-W22-H-T4-250PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	W22	H	T3	175 MHX	MT	WH	F
				200 PMH	12	BZ	Q
			T4	250 PMH/MHX	20	BK	RS
				320 PMH	24	PB	GS
				350 PMH	27	SV	
				400 PMH/MHX	34		
					48		
	5_						

Formerly BEBU and BEAU

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 150°C minimum supply wire is required
- If surface wiring is required, consult factory

Ballast & Lamp Footnotes

- All fixtures are standard with multi-tap (MT) ballast
- All wattages available in 480V ballast
- International 50 Hertz ballasts available; see page 11 for specification information

Option Footnotes

- F (Fuse) – Must specify voltage other than MT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)
- RS (Red Stripe) – Decorative color striping
- GS (Grey Stripe) – Decorative color striping

**Horizontal Lamp
H-T3 or T4****Optical System
Type III or Type IV**

This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage:
150W PSMH, 175W MH
- Medium base HID lamp included

Housing and Door Frame

- Low copper die-cast aluminum door frame
- Tempered glass lens for maximum impact resistance

Electrical

- High power factor ballasts are standard
- 150°C wiring required for all wall-mounted fixtures

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied

**AVAILABLE FINISH COLORS:**

WH
White

Standard
Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



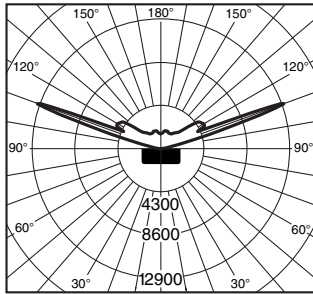
PB
Platinum
Bronze

Optional Color
Up Charge Applies

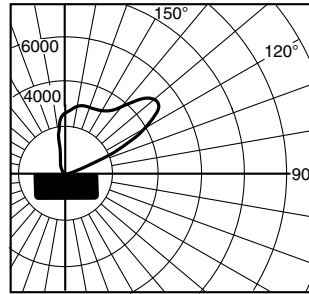


SV
Silver

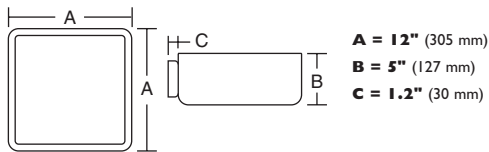




Candlepower distribution curve of 150W PSMH T3.



Candlepower distribution curve of 150W PSMH T4 with backlight shield.



See page 393 for order code logic.

12" SQUARE INDIRECT – TYPE IV (Example: BIL-S12-H-T4-150PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	S12	H	T3	050 PMH	MT	WH	F
			T4	070 PMH	DT	BZ	Q
				100 PMH	12	BK	
				125 PMH	20	PB	
				150 PMH	24	SV	
				175 MHX	27		
					34		
					48		
					5_		

Formerly BDBU and BDDU

Ballast & Lamp Footnotes

- 50W, 70W, 100W & 125W PMH are standard with dual-tap (DT) ballast
- 150W PMH & 175W MHX are standard with multi-tap (MT) ballast
- 480V ballast available for 175W MHX
- International 50 Hertz ballasts available; see page 11 for specification information

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 150°C minimum supply wire is required
- If surface wiring is required, consult factory

Option Footnotes

- F (Fuse) – Must specify voltage other than MT or DT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage:
400W PSHM*, 400W MH*
- *Reduced envelope lamp:
ED28 for 400W PSMH and
400W MH
- Mogul base HID lamp included

Housing and Door Frame

- Low copper die-cast aluminum door frame
- Tempered glass lens for maximum impact resistance

Electrical

- High power factor ballasts are standard
- 150°C wiring required for all wall-mounted fixtures

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



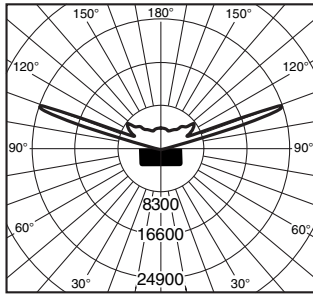
PB
Platinum
Bronze

Optional Color
Up Charge Applies

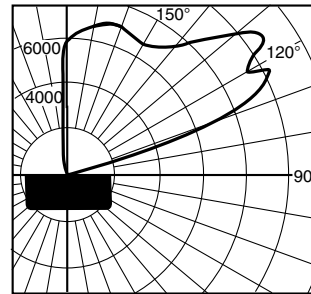


SV
Silver

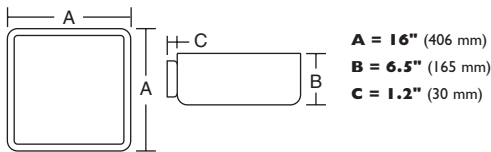




Candlepower distribution curve of 400W MH T3.



Candlepower distribution curve of 400W MH T4 with backlight shield.



See page 393 for order code logic.

16" SQUARE INDIRECT – TYPE III OR TYPE IV (Example: BIL-S16-H-T4-400PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	S16	H	T3	175 MHX	MT	WH	F
				250 PMH/MHX	12	BZ	Q
			T4	320 PMH	20	BK	RB
				350 PMH	24	PB	
				400 PMH/MHX	27	SV	
				34			
				48			
				5_			

Formerly BDCU and BDEU

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 150°C minimum supply wire is required
- If surface wiring is required, consult factory

Ballast & Lamp Footnotes

- All fixtures are standard with multi-tap (MT) ballast
- All wattages available in 480V ballast
- International 50 Hertz ballasts available; see page 11 for specification information

Option Footnotes

- F (Fuse) – Must specify voltage other than MT or DT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)
- RB (Remote Ballast) – Recommended for higher ambient temperature environments, such as pools and coves; and to reduce ballast noise in quiet environments, such as libraries and churches

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage:
1000W PSMH*, 1000W MH*
- *Reduced envelope lamp:
BT37 for 450W & 1000W PSMH
and 1000W MH
- Mogul base HID lamp included

Housing and Door Frame

- Low copper die-cast aluminum door frame
- Tempered glass lens for maximum impact resistance

Electrical

- High power factor ballasts are standard
- 150°C wiring required for all wall-mounted fixtures

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



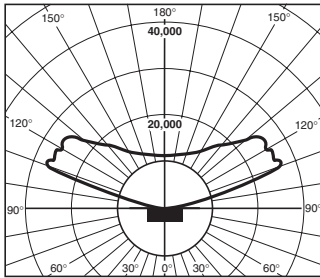
PB
Platinum
Bronze

Optional Color
Up Charge Applies

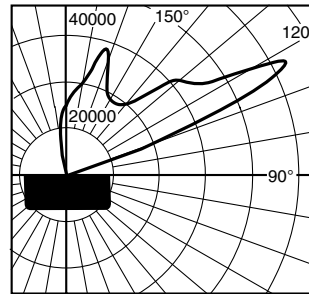


SV
Silver

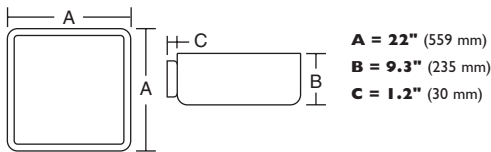




Candlepower distribution curve of 1000W MH T3.



Candlepower distribution curve of 1000W MH T4 with backlight shield.



See page 393 for order code logic.

22" SQUARE INDIRECT – TYPE III OR TYPE IV (Example: BIL-S22-H-T4-750PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	S22	H	T3 T4	400 PMH/MHX	MT	WH	F
				750 PMH	12	BZ	Q
				875 PMH	20	BK	RB
				10X PMH/MHX	24	PB	
					27	SV	
	34						
	48						
	5_						

Formerly BDCU and BDEU

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 150°C minimum supply wire is required
- If surface wiring is required, consult factory

Ballast & Lamp Footnotes

- All fixtures are standard with multi-tap (MT) ballast
- All wattages available in 480V ballast
- International 50 Hertz ballasts available; see page 11 for specification information

Option Footnotes

- F (Fuse) – Must specify voltage other than MT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)
- RB (Remote Ballast) – Recommended for higher ambient temperature environments, such as pools and coves; and to reduce ballast noise in quiet environments, such as libraries and churches

**Horizontal Lamp
H-T3 or T4**

**Optical System
Type III or Type IV**



This segmented reflector features an optical system designed to provide either indirect side-to-side (T3) or forward-throw (T4) distribution of light. Type III or Type IV.

Lamp

- Maximum wattage: 150W PSMH, 175W MH
- Medium base HID lamp included

Housing and Door Frame

- Low copper die-cast aluminum door frame
- Tempered glass lens for maximum impact resistance

Electrical

- High power factor ballasts are standard
- 150°C wiring required for all wall-mounted fixtures

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

- UL Listed for damp locations
- ANSI lamp wattage label supplied



AVAILABLE FINISH COLORS:



WH
White

Standard Color



BZ
Bronze

Available Color
No Additional Cost



BK
Black



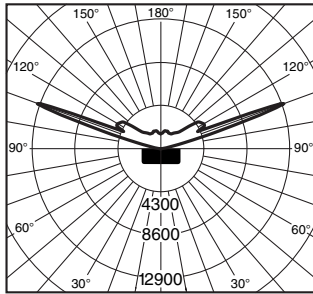
PB
Platinum
Bronze

Optional Color
Up Charge Applies

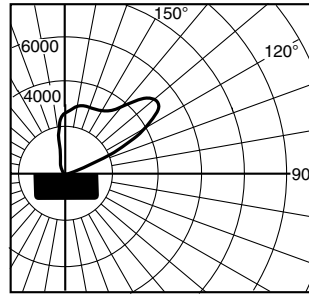


SV
Silver

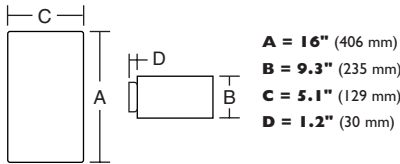




Candlepower distribution curve of 150W PSMH T3.



Candlepower distribution curve of 150W PSMH T4 with backlight shield.



See page 393 for order code logic.

6" X 10" RECTANGULAR INDIRECT – TYPE III OR TYPE IV (Example: BIL-RCT-H-T4-150PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	RCT	H	T3	050 PMH	MT	WH	F
			T4	070 PMH	DT	BZ	Q
				100 PMH	12	BK	
				125 PMH	20	PB	
				150 PMH	24	SV	
				175 MHX	27		
					34		
					48		
					5_		

Formerly BDHU and BDJU

Ballast & Lamp Footnotes

- 50W, 70W, 100W & 125W PMH are standard with dual-tap (DT) ballast
- 150W PMH & 175W MHX are standard with multi-tap (MT) ballast
- 480V ballast available for 175W MHX
- International 50 Hertz ballasts available; see page 11 for specification information

Mounting Footnotes

- Fixture mounts to the wall with a supplied cast aluminum box
- (2) 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box are supplied
- 150°C minimum supply wire is required
- If surface wiring is required, consult factory

Option Footnotes

- F (Fuse) – Must specify voltage other than MT or DT
- Q (Quartz Standby) – Delay-relay type and includes 100W T4 dual-contact quartz lamp (not available with 277V reactor ballast)

**Vertical Lamp
V-T5****Optical System
Type V**

This hydro-formed aluminum reflector provides 80-percent efficiency and symmetric distribution of light.

Lamp

- Maximum wattage: 1000W PSMH, 1000W MH
- Mogul base HID lamp included

Housing

- Die-cast aluminum housing

Electrical

- High power factor ballasts are standard

Finish

- Exclusive Colorfast DeltaGuard™ finish with 7-year warranty

Labels

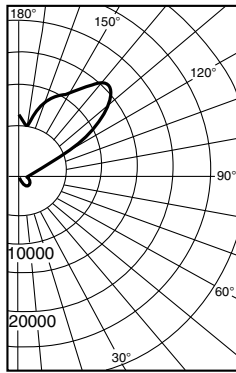
- UL Listed for damp locations
- ANSI lamp wattage label supplied

**AVAILABLE FINISH COLOR:**

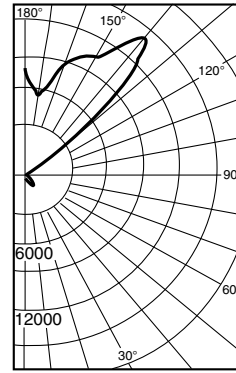
WH
White

Standard
Color

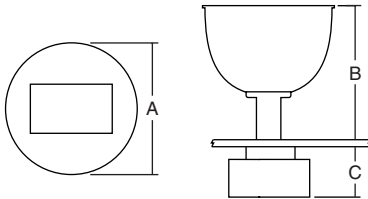




Candlepower distribution curve of 400W HPS.



Candlepower distribution curve of 400W MH.



- A = 16.4"** (417 mm)
- B = 18.0"** (457 mm)
- C = 6.1"** (155 mm) or **7.6"** (193 mm) 1000W HPS

See page 393 for order code logic.

16" ALUMINUM REFLECTOR INDIRECT LUMINAIRE – TYPE V (Example: BIL-A16-V-T5-400PMH-MT-WH)

Product Family	Housing Indicator	Lamp Position	Optical Distribution	Lamp Selection	Ballast Voltage	Color Options	Options (Factory Installed)
BIL	A16	V	T5	350 PMH 400 PMH/MHX 450 PMH 10X PMH/MHX	MT 12 20 24 27 34 48 5_	WH	F Q

Formerly BHA

Mounting Footnotes

- Designed for mounting to horizontal fixture support, such as unistrut

Ballast & Lamp Footnotes

- All fixtures are standard with multi-tap (MT) ballast
- All wattages available in 480V ballast
- International 50 Hertz ballasts available; see page 11 for specification information

Option Footnotes

- F (Fuse) – Must specify voltage other than MT
- Q (Quartz Standby) – Delay-relay type and includes 100WT4 dual-contact quartz lamp (not available with 277V reactor ballast)



Wall Mount Box

Supplied with Indirect fixture WI6, W22, S12, S16 and RCT

- Cast aluminum box includes two 5/16" diameter threaded mounting studs with nuts to attach the fixture to the box
- Aluminum box measures 6" x 4" x 1.2" (152 mm x 102 mm x 30 mm)
- Not for surface wiring



Wall Mount Box for Aviator

Supplied with Indirect fixture AVS and AVM

- Hinge feature on fixture mounting plate allows hands-free suspension of fixture for easy access to wiring, then swings down and secures in place with one fastener
- Includes specially designed wall mount plate for easy installation and through wiring
- Intended for installation over junction boxes up to/including 4" square or octagonal and single-gang J boxes
- Knockouts are available at top, sides and rear to feed 1/2" rigid conduit or EMT
- Measures 8.25"L x 8.25"W x 2.5"D (210 mm x 210 mm x 64 mm)

