



**Lightolier 3D Printed Decorative High Bay, IHB series**, takes a classic form redesigned in an integrated modern modular decorative form. Its not often that a traditional High Bay gets a complete redesign makeover! Light-weight yet durable polycarbonate construction reduces weight that helps ease handling during installation. Unleash your inner creator and select from a variety of color options to help tailor your design.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

All product specializations, dimensions and styles are preliminarily and are subject to change.

#### Medium fixture

example: 3DP IHB M CL LF WHGL LF 10/14/20L 940

Series	Shape	Size	↓ Lower Shade		↑ Upper Shade		Lumens	CRI/CCT	
			Color	Texture	Color	Texture			
<b>3DP IHB</b>		<b>M</b>					<b>10/14/20L</b>		
3DP IHB 3D Printed Intergrated High Bay	BL Bell	M Medium (17.5" / 444.5 mm)	CL Clear WHTL Trans. White GYSM Smokey Grey	LF Layered Fine TC Tufted Coarse (Transparent)	<b>Satin colors</b> WHST White GYST Grey DGYS Dark Grey SIST Silver GDST Gold BZST Bronze	<b>Matte colors</b> GNMT Enamel Green BRMT Stone Brown BKMT Black BLMT Steel Blue <b>Matallic colors</b> PKME Rose Gold (Pink) PUME Purple BLME Blue GNME Green	LF Layered Fine LF Layered Fine LF Layered Fine FC Facets	10/14/20L 10,000 / 14,000 / 20,000lm (Switchable)	<b>935</b> 90 CRI / 3500K CCT  <b>940</b> 90 CRI / 4000K CCT
	LA Layers	M Medium (21" / 534 mm)	CL Clear WHTL Trans. White GYSM Smokey Grey	LF Layered Fine TC Tufted Coarse (Transparent)					
	BN Barn	M Medium (15.67" / 398 mm)	N None	N None					

**Note:** Different colors, textures and custom logo options are available upon request, but will take a longer lead time to produce.

#### Large fixture

example: 3DP IHB L CL LF WHGL LF 24/30/33L 940

Series	Shape	Size	↓ Lower Shade		↑ Upper Shade		Lumens	CRI/CCT	
			Color	Texture	Color	Texture			
<b>3DP IHB</b>		<b>L</b>					<b>25/30/33L</b>		
3DP IHB 3D Printed Intergrated High Bay	BL Bell	L Large (19.5" / 495.3 mm)	CL Clear WHTL Trans. White GYSM Smokey Grey	LF Layered Fine TC Tufted Coarse (Transparent)	<b>Satin colors</b> WHST White GYST Grey DGYS Dark Grey SIST Silver GDST Gold BZST Bronze	<b>Matte colors</b> GNMT Enamel Green BRMT Stone Brown BKMT Black (9004) BLMT Steel Blue <b>Matallic colors</b> PKME Rose Gold (Pink) PUME Purple BLME Blue GNME Green	LF Layered Fine LF Layered Fine LF Layered Fine FC Facets	25/30/33L 25,000 / 30,000 / 33,000lm (Switchable)	<b>935</b> 90 CRI / 3500K CCT  <b>940</b> 90 CRI / 4000K CCT
	LA Layers	L Large (23" / 584 mm)	CL Clear WHTL Trans. White GYSM Smokey Grey	LF Layered Fine TC Tufted Coarse (Transparent)					
	BN Barn	L Large (18.15" / 461 mm)	N None	N None					

**Note:** Different colors, textures and custom logo options are available upon request, but will take a longer lead time to produce.



Unleash your inner creator

To configure your custom 3D printed luminaire, scan this QR Code with your smartphone's camera or visit us at: <https://www.3dprinted.lighting.lightolier.com/en/us/>



interact  
ready.

# IHB Series

## 3D Decorative High Bay (medium & large)

### Features

- Customizable:** choose from a wide variety of colors, textures, and styles to help personalize customer options.
- Sustainable:** 3D Printed products produce less carbon emissions when compared to traditional, conventional luminaires.
- Local production:** Printed & assembled in Littlestown, PA.
- Quick delivery:** Created on demand and shipped in weeks.
- Color Rendering Index:** Standard 90CR on all lumen packages.
- Selectable lumen:** Gives the ability to switch between three different lumen packages.

### Electrical

- Lifetime:** B50 L70 at 50,000 hours
- Ambient Temp:** 35°C
- Frequency:** 50-60 Hz
- Power Factor:** > 0.90
- UGR:** < 28
- Dimming:** 0-10V
- Wattage:** 3DP I HB xx M - 10/14/20K  
Lumen = 70/100/150 Watts  
3DP I HB xx L - 25/30/33K  
Lumen = 180/220/240 Watts
- Input Voltage:** 120/277/347V

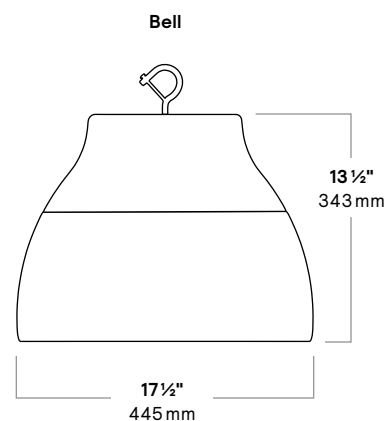
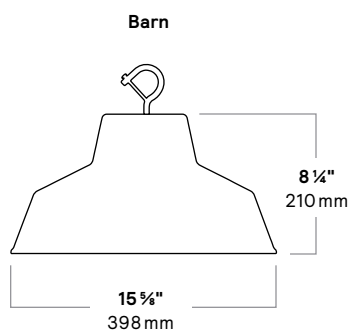
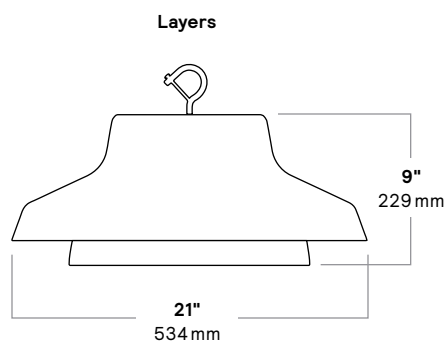
### Labels

cULus Listed, 5 year warranty,  
IP20 & RoHS, IK05 & DLC

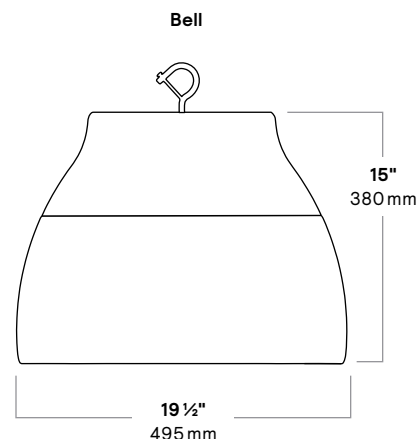
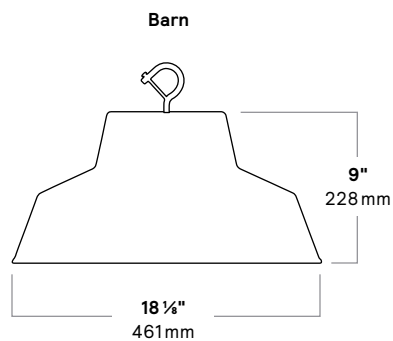
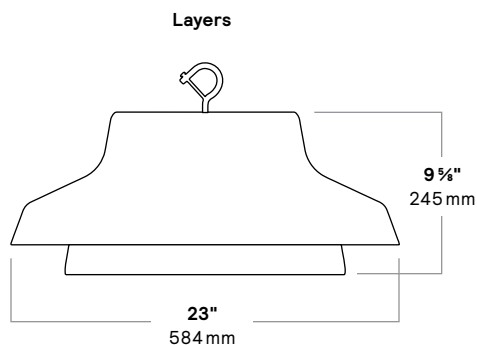
### Buy American Act of 1933 (BAA)

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit [www.signify.com/baa](http://www.signify.com/baa) to view a current list of BAA-compliant products to confirm this product's current compliance.

### Medium Dimensions



### Large Dimensions



# IHB Series

## 3D Decorative High Bay (medium & large)

### Bell – Colors / Textures



↓ Shade: CL  
↓ Texture: LF  
↑ Shade: BKMT



↓ Shade: CL  
↓ Texture: TC  
↑ Shade: BLME



↓ Shade: GYSM  
↓ Texture: LF  
↑ Shade: BLMT



↓ Shade: GYSM  
↓ Texture: TC  
↑ Shade: BRMT



↓ Shade: WHTL  
↓ Texture: LF  
↑ Shade: BZST



↓ Shade: WHTL  
↓ Texture: TC  
↑ Shade: DGYS

### Layers – Colors / Textures



↓ Shade: CL  
↓ Texture: LF  
↑ Shade: BZST



↓ Shade: CL  
↓ Texture: TC  
↑ Shade: DGYS



↓ Shade: GYSM  
↓ Texture: LF  
↑ Shade: BKMT



↓ Shade: GYSM  
↓ Texture: TC  
↑ Shade: GNME



↓ Shade: WHTL  
↓ Texture: LF  
↑ Shade: GNMT



↓ Shade: WHTL  
↓ Texture: TC  
↑ Shade: GYST

### Barn – Colors / Textures



↑ Shade: GDST  
↑ Texture: LF



↑ Shade: BZST  
↑ Texture: FC



↑ Shade: GNMT  
↑ Texture: LF



↑ Shade: BRMT  
↑ Texture: FC



↑ Shade: PKME  
↑ Texture: LF

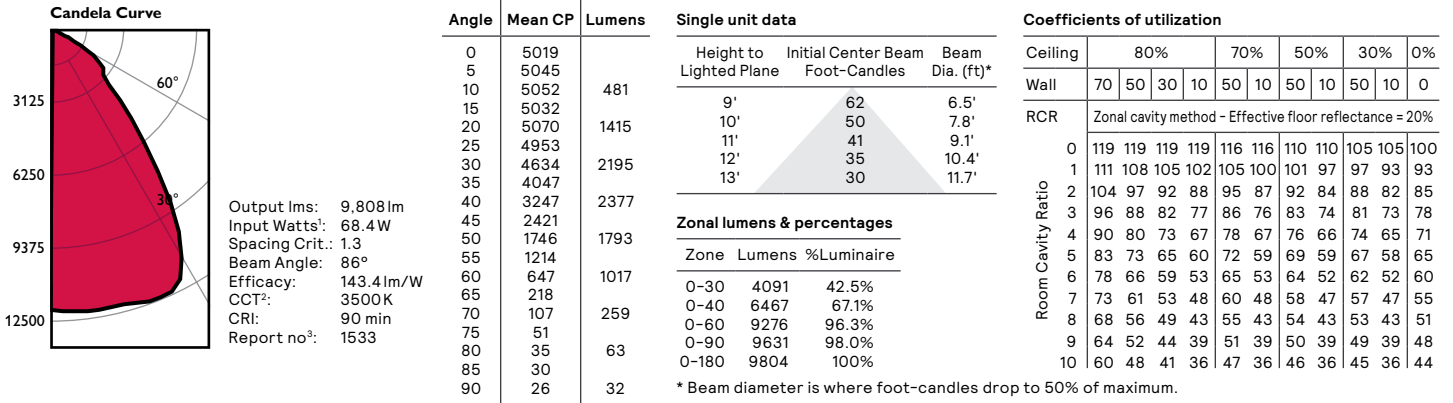


↑ Shade: PUME  
↑ Texture: FC

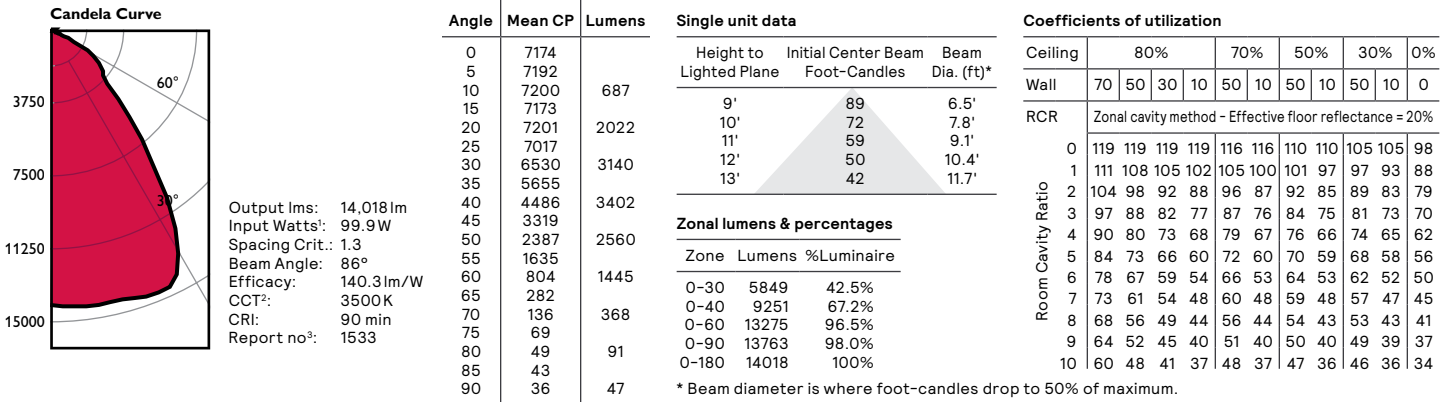
# IHB Series

## 3D Decorative High Bay (medium)

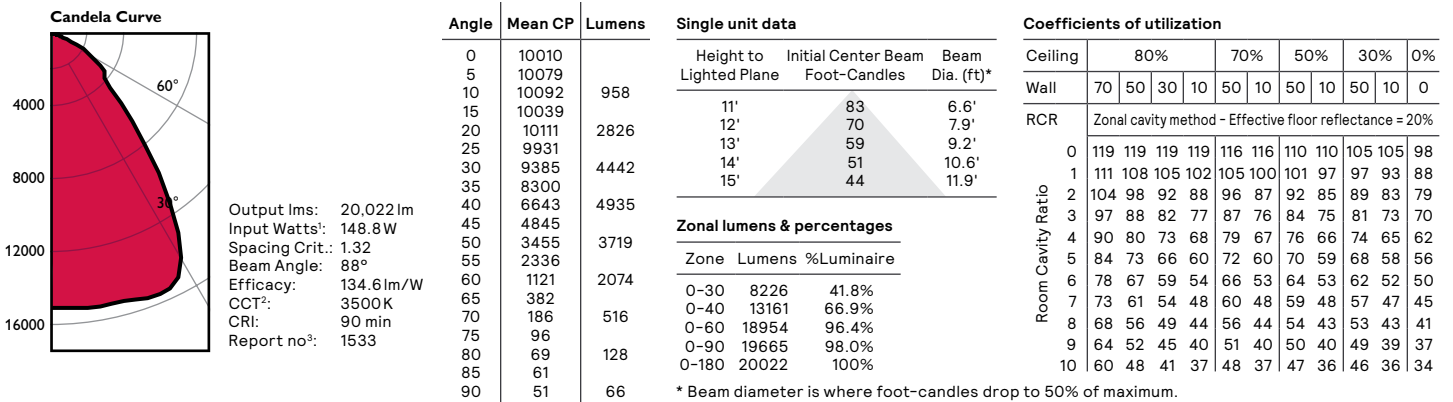
### 3DPIHB-BL-M-BKMT-CL-LF-101420-935 • 70W 3500K



### 3DPIHB-BL-M-BKMT-CL-LF-101420-935 • 100W 3500K



### 3DPIHB-BL-M-BKMT-CL-LF-101420-935 • 150W 3500K



# IHB Series

## 3D Decorative High Bay (large)

### 3DPIHB-BL-L-BKMT-CL-LF-253033-935 • 180W 3500K

Candela Curve		Angle	Mean CP	Lumens	Single unit data			Coefficients of utilization											
		0	11940		Height to	Initial Center Beam	Beam	Ceiling											
		5	12085		Lighted Plane	Foot-Candles	Dia. (ft)*	80%											
		10	12142	1149	9'	119	13.0'	70%											
		15	12149		10'	83	15.6'	50%											
		20	12336	3433	11'	61	18.2'	30%											
		25	12335		12'	47	20.8'	0%											
		30	11271	5481	Zonal lumens & percentages			RCR											
		35	8948		Zone	Lumens	%Luminaire	Zonal cavity method - Effective floor reflectance = 20%											
		40	6219	5450	0-30	10063	41.2%	0	118	118	118	118	115	115	109	109	103	103	96
		45	4192		0-40	15513	63.5%	1	110	106	103	99	103	97	99	94	94	90	85
		50	2955	3305	0-60	21093	86.4%	2	102	95	90	85	93	84	89	81	85	79	74
	55	2744		0-90	23454	96.1%	3	95	86	79	74	84	73	81	71	77	69	66	
	60	2128	2275	0-180	24413	100%	4	88	78	70	65	76	64	73	63	71	62	58	
	65	1449		* Beam diameter is where foot-candles drop to 50% of maximum.			5	82	71	63	57	69	57	67	56	65	55	52	
	70	834	1480				6	76	65	57	51	64	51	62	50	60	50	47	
	75	485					7	71	59	52	46	58	46	57	46	55	45	43	
	80	333	568				8	67	55	47	42	54	42	52	41	51	41	39	
	85	267					9	63	51	43	38	50	38	49	38	47	38	36	
	90	218	313				10	59	47	40	35	47	35	45	35	44	35	33	

### 3DPIHB-BL-L-BKMT-CL-LF-253033-935 • 220W 3500K

Candela Curve		Angle	Mean CP	Lumens	Single unit data			Coefficients of utilization											
		0	14102		Height to	Initial Center Beam	Beam	Ceiling											
		5	14270		Lighted Plane	Foot-Candles	Dia. (ft)*	80%											
		10	14345	1357	9'	98	15.6'	70%											
		15	14341		10'	72	18.2'	50%											
		20	14552	4054	11'	55	20.8'	30%											
		25	14545		12'	44	23.4'	0%											
		30	13270	6473	Zonal lumens & percentages			RCR											
		35	10531		Zone	Lumens	%Luminaire	Zonal cavity method - Effective floor reflectance = 20%											
		40	7311	6439	0-30	11884	41.1%	0	118	118	118	118	115	115	109	109	103	103	96
		45	4937		0-40	18322	63.4%	1	110	106	103	99	103	97	99	94	94	90	85
		50	3499	3903	0-60	24929	86.3%	2	102	95	90	85	93	84	89	81	85	79	74
	55	3266		0-90	27746	96.0%	3	95	86	79	74	84	73	81	71	77	69	66	
	60	2528	2704	0-180	28888	100%	4	88	78	70	65	76	64	73	63	71	62	58	
	65	1723		* Beam diameter is where foot-candles drop to 50% of maximum.			5	82	71	63	57	69	57	67	56	65	55	52	
	70	992	1765				6	76	65	57	51	64	51	62	50	60	50	47	
	75	580					7	71	59	52	46	58	46	57	46	55	45	43	
	80	397	680				8	67	55	47	42	54	42	52	41	51	41	39	
	85	318					9	63	51	43	38	50	38	49	38	47	38	36	
	90	260	373				10	59	47	40	35	47	35	45	35	44	35	33	

### 3DPIHB-BL-L-BKMT-CL-LF-253033-935 • 240W 3500K

Candela Curve		Angle	Mean CP	Lumens	Single unit data			Coefficients of utilization											
		0	15060		Height to	Initial Center Beam	Beam	Ceiling											
		5	15153		Lighted Plane	Foot-Candles	Dia. (ft)*	80%											
		10	15229	1449	11'	105	15.6'	70%											
		15	15224		12'	77	18.2'	50%											
		20	15442	4328	13'	59	20.8'	30%											
		25	15456		14'	46	23.4'	0%											
		30	14211	6913	Zonal lumens & percentages			RCR											
		35	11363		Zone	Lumens	%Luminaire	Zonal cavity method - Effective floor reflectance = 20%											
		40	7936	6883	0-30	12690	41.1%	0	118	118	118	118	115	115	109	109	103	103	96
		45	5365		0-40	19573	63.3%	1	110	106	103	99	103	97	99	94	94	90	85
		50	3771	4173	0-60	26644	86.2%	2	102	95	90	85	93	84	89	81	85	79	74
	55	3517		0-90	29677	96.0%	3	95	86	79	74	84	73	81	71	77	69	66	
	60	2743	2899	0-180	30900	100%	4	88	78	70	65	76	64	73	63	71	62	58	
	65	1888		* Beam diameter is where foot-candles drop to 50% of maximum.			5	82	71	63	57	69	57	67	56	65	55	52	
	70	1094	1900				6	76	65	57	51	64	51	62	50	60	50	47	
	75	636					7	71	59	52	46	58	46	57	46	55	45	43	
	80	432	732				8	67	55	47	42	54	42	52	41	51	41	39	
	85	344					9	63	51	43	38	50	38	49	38	47	38	36	
	90	280	401				10	59	47	40	35	47	35	45	35	44	35	33	



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