

T4 AND T6  
CMH RECESSED WALL WASH FIXTURES

**indy**<sup>™</sup>

Architectural Recessed Lighting

**Performance Series**



*Indy has it all.*



JUNO LIGHTING GROUP  
by Schneider Electric



**indy™**

## **T4 & T6 CMH Recessed Wall Wash Fixtures**

The new Indy Performance Series Ceramic Metal Halide Wall Wash fixtures provide a clean architectural look and are designed for commercial applications ranging from retail stores to health care facilities, offices and educational, government and hospital-ity settings. Each fixture is available with a uniform glass or a clear lens, allowing them to be used for wall wash or accent lighting applications. These fixtures utilize a premium, high efficiency, constant power electronic ballast that provides optimum color with CRI uniformity, consistent lumen output and photometric performance from fixture to fixture for the life of the lamp. The performance of the high impact, ultra-efficient T4 and T6 lamps can compliment a broad range of commercial lighting applications utilizing less energy than CFL or LED sources. Fixtures are available in with black or white finishes.

T4 & T6

# CMH Recessed Wall Wash Fixtures

35° or 90° vertical aiming capability\*.

Glass lens included with fixture\*.

Designed to relamp from the front without tools. It's die-cast aluminum lens holder slides to expose the lamp compartment making lamp replacement a breeze.

\*See product for supplied glass lens and aiming details.

## Lamp Options:

- T4 G8.5, T4 GU6.5, BT5-PGJ5 or T6/T4.5 G12 is available in a smaller housing footprint.
- T4 G8.5 or T6 G12 is available in a slightly larger housing footprint.
- ED17 lamp option is also available, see website for details - search 'MS120'.

## Finish Options:



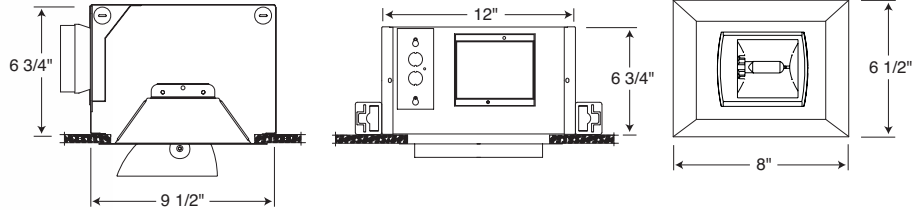
Black



White

T4 and T6 lamp options allow standardization within any application space. With fewer lamps to stock, maintenance is quicker and easier – time is money saved. **These fixtures are designed to complement any Indy CMH fixture style – downlights, adjustables, cylinders and multi-lamp...**

*Indy has it all.*



DRYWALL CEILING CUTOUT: 7-1/4" X 6"

**PRODUCT SPECIFICATIONS**

**Lamp** One T4/T4.5, T4 Mini or BT5 metal halide lamp.

**Lamp Holder: T4/T4.5** G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse  
 • **T4 Mini** Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • **BT5** - Twist and lock PGJ5 base; 2A, 250V rated for 2.5V pulse.

**Lamp Holder Construction** Extruded aluminum lamp housing with die-cast aluminum end caps and lens holder.

**Aiming** 90° vertical aiming capability.

**Lens** Clear glass lens included with fixture. Optional uniformity Glass Lens.

**Electronic Ballast** Premium, high efficiency, constant power electronic ballast provides optimum color and CRI uniformity from fixture to fixture • May be replaced from above or below ceiling • 120/277VAC input voltage.

**T4/T4.5, T4 Mini and BT5 (39W)** Universal 120/277 volt electronic solid state, high power factor and reliable starting to -30°.

**BT5 (20W)** 120 volt electronic solid state, high power factor and reliable starting to -20°.

**Trim Finish** Black (BL) or White (WH) finish.

**Labels** U.L. listed for through-branch wiring and damp location.

**Housing** 22 gauge die-formed galvanized steel • Electrical connections can be made from below the ceiling in an internal wireway or from above the ceiling through a wireway access cover.

**Trim** Painted trim attaches to housing using 2 torsion springs and an electrical quick-connector • Sturdy extruded aluminum lamp housing with die-cast aluminum end caps and textured painted housing • Lamp may be replaced without removing trim section.

**PHOTOMETRIC DATA, CLEAR GLASS**

**3' FROM WALL**

Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance									
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →	← 7' →	← 8' →				
3' FROM WALL	□														
1'	72	63	34	9	2	1	74	70	74	71	35	71	70	19	70
2'	88	84	52	13	4	1	103	106	103	97	55	97	96	27	96
3'	61	64	44	16	6	2	84	91	84	76	58	76	73	33	73
4'	28	39	31	16	7	3	56	64	56	49	49	49	45	32	45
5'	28	23	20	14	7	3	40	43	40	31	36	31	27	29	27
6'	13	14	13	10	7	4	29	29	29	21	24	21	17	21	17
7'	8	8	8	7	5	3	21	20	21	16	16	16	12	14	12
8'	6	5	5	4	4	3	15	14	15	12	11	12	9	9	9
9'	4	4	3	3	3	2	11	11	11	9	8	9	7	7	7
One 39W T4 Lamp at 3,400 Total Lumens															

**4' FROM WALL**

Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance									
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →	← 7' →	← 8' →				
4' FROM WALL	□														
1'	37	34	28	12	5	2	47	57	47	40	41	40	38	25	38
2'	51	47	33	16	6	3	64	68	64	56	53	56	53	33	53
3'	50	49	39	24	9	4	68	83	68	57	67	57	53	49	53
4'	40	37	31	21	9	5	60	68	60	50	56	50	44	43	44
5'	27	26	22	17	9	5	47	51	47	37	43	37	33	35	33
6'	18	17	16	13	9	5	38	37	38	29	31	29	24	27	24
7'	12	12	11	9	8	5	29	29	29	23	23	23	18	20	18
8'	8	8	8	7	6	5	21	22	21	18	18	18	14	15	14
9'	5	5	5	5	4	4	16	17	16	13	13	13	11	11	11
One 39W T4 Lamp at 3,400 Total Lumens															

\*Multipliers: 20W = 0.47, 70W = 1.82

\*Note: Multipliers are provided for estimating purposes only. Use IES photometric files for precise photometric information.

-See specification sheet for uniformity lens photometrics.

**ORDERING INFORMATION:** Rough-in and accessories ordered separately.

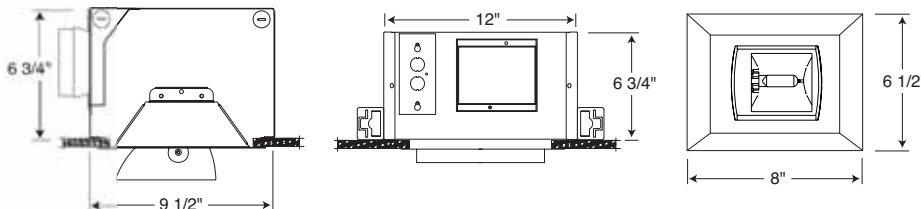
Example: **MS257BT-20H1-BL**

Example: **HB-TL**

Rough-In	Wattage/Lamp	Finish	Options	Accessories
<b>MS257</b> T4/T4.5 MH Lamp G8.5 base	<b>20H</b> (T4 Mini, T4/T4.5) 20W 120/277V Electronic	<b>WH</b> White <b>BL</b> Black	† <b>347</b> 347 Volt *** <b>F</b> Fuse and Fuse Holder (Where *** = voltage) † <b>CP</b> Chicago Plenum <b>UG</b> Uniformity Glass Lens	<b>HB-TL</b> 25" Tru-Lock Grid Ceiling Bar Hangers, Pair <b>HB-52</b> 52" C-Channel Bar Hangers, Pair <b>HB-28</b> 28" C-Channel Bar Hangers, Pair <b>LB-27</b> 27" Linear Bar Hangers, Pair <b>HB-4</b> Conversion Kit for Wooden Joists
<b>MS257TM<sup>1</sup></b> T4 Mini MH Lamp GU6.5 base	(BT5 only) 20W 120V Electronic <b>39H</b> (T4/T4.5, T4 Mini and BT5)			
<b>MS257BT<sup>2</sup></b> BT5 MH Lamp PGJ5 base	39W 120/277V Electronic <b>70H</b> (T4/T4.5 only) 70W 120/277V Electronic		† Consult Factory for Availability <sup>1</sup> GE Mini T4 <sup>2</sup> Philips Mini MasterColor® CDM-Tm	

# T6 MS256 Series

# Small Housing



DRYWALL CEILING CUTOUT: 7-1/4" X 6"

## PRODUCT SPECIFICATIONS

**Lamp** One 20/39/70/150W T6/T4.5 medium base ceramic metal halide lamp.

**Socket** G12 bi-pin base • 4kV pulse-rated with nickel-plated copper screw shell.

**Lamp Holder Construction** Extruded aluminum lamp housing with die-cast aluminum end caps and lens holder.

**Aiming** 90° vertical aiming capability.

**Lens** Clear glass lens included with fixture. Optional uniformity Glass Lens.

**Electronic Ballast** Premium, high efficiency, constant power electronic ballast provides optimum color and CRI uniformity from fixture to fixture • May be replaced from above or below ceiling • Universal 120/277VAC input voltage.

**Trim Finish** Black (BL) or White (WH) finish.

**Labels** U.L. listed for through-branch wiring and damp location.

**Housing** 22 gauge die-formed galvanized steel • Electrical connections can be made from below the ceiling in an internal wireway or from above the ceiling through a wireway access cover.

**Trim** Painted trim attaches to housing using 2 torsion springs and an electrical quick-connector • Sturdy extruded aluminum lamp housing with die-cast aluminum end caps and textured painted housing • Lamp may be replaced without removing trim section.

## PHOTOMETRIC DATA, CLEAR GLASS

### 3' FROM WALL

Distance from Ceiling	Single Fixture Performance						Multiple Fixture Performance								
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →						
3' FROM WALL															
1'	127	115	62	21	7	2	142	126	142	132	71	132	130	44	130
2'	157	144	91	28	10	4	178	186	178	165	102	165	161	56	161
3'	137	125	86	36	13	5	165	177	165	147	112	147	141	73	141
4'	81	75	62	32	16	6	115	130	115	96	97	96	87	66	87
5'	46	45	39	29	15	7	79	86	79	61	73	61	53	59	53
One 70W T6 Lamp at 6,600 Total Lumens	29	27	25	21	14	7	59	57	59	43	49	43	36	43	36
7'	18	16	16	13	11	7	43	40	43	33	33	33	26	28	26
8'	12	11	10	9	8	6	31	29	31	25	23	25	19	19	19
9'	8	7	7	6	6	5	22	22	22	19	17	19	15	14	15

### 4' FROM WALL

Distance from Ceiling	Single Fixture Performance						Multiple Fixture Performance								
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →						
4' FROM WALL															
1'	70	62	49	24	11	4	92	102	92	80	82	80	72	55	72
2'	85	79	58	31	13	7	113	124	113	103	101	103	93	71	93
3'	84	85	73	42	18	8	122	155	122	85	93	85	74	71	74
4'	77	73	62	40	21	10	121	133	121	68	74	68	58	59	58
5'	54	50	45	34	19	11	95	102	95	53	58	53	45	48	45
One 70W T6 Lamp at 6,600 Total Lumens	34	33	31	26	18	11	74	75	74	41	45	41	35	38	35
7'	23	22	21	19	15	11	58	57	58	34	35	34	26	30	26
8'	16	15	15	13	12	9	44	44	44	28	28	28	23	25	23
9'	12	11	11	10	8	7	33	34	33	23	23	23	19	20	19

\*Multipliers: 20W = 0.24, 39W = 0.52, 150W = 2.12

\*Note: Multipliers are provided for estimating purposes only. Use IES photometric files for precise photometric information.

-See specification sheet for uniformity lens photometrics.

## ORDERING INFORMATION: Rough-in and accessories ordered separately.

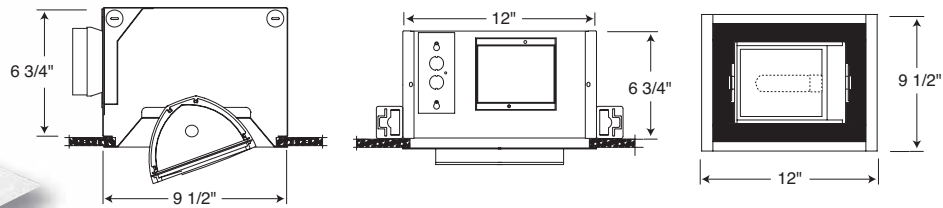
Example: **MS256-20H-BL**

Rough-In	Wattage/Lamp	Finish	Options
MS256 T6/T4.5 MH Lamp G12 base	20H 20W 120V/277V Electronic 39H 39W 120/277V Electronic 70H 70W 120/277V Electronic 150H1 150W 120V Electronic 150H2 150W 277V Electronic	WH White BL Black	†347 347 Volt ***F Fuse and Fuse Holder (Where *** = voltage) †CP Chicago Plenum UG Uniformity Glass Lens

† Consult Factory for Availability

Example: **HB-TL**

Accessories	
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Conversion Kit for Wooden Joists



DRYWALL CEILING CUTOUT: 11-1/8" X 8-3/4"

**PRODUCT SPECIFICATIONS**

- Lamp** One 20/39/70W T4/T4.5 medium base ceramic metal halide lamp.
- Socket** G8.5 bi-pin base • 4kV pulse-rated with nickel-plated copper screw shell.
- Lamp Holder Construction** Extruded aluminum lamp housing with die-cast aluminum end caps and lens holder.
- Aiming** 35° vertical aiming capability.
- Lens** Uniformity glass lens included with fixture.
- Electronic Ballast** Premium, high efficiency, constant power electronic ballast provides optimum color and CRI uniformity from fixture to fixture • May be replaced from above or below ceiling • Universal 120/277VAC input voltage.

- Trim Finish** Black (BL) or White (WH) finish.
- Labels** U.L. listed for through-branch wiring and damp location.

**Housing** 22 gauge die-formed galvanized steel • Electrical connections can be made from below the ceiling in an internal wireway or from above the ceiling through a wireway access cover.

**Trim** Painted trim attaches to housing using 2 torsion springs and an electrical quick-connector • Sturdy extruded aluminum lamp housing with die-cast aluminum end caps and textured painted housing • Lamp may be replaced without removing trim section.

**PHOTOMETRIC DATA, CLEAR GLASS**

**3' FROM WALL**

Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance										
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →	← 6' →	← 6' →					
3' FROM WALL	□						□	□	□	□	□					
← 3' →	1'	123	70	22	5	2	1	127	46	127	125	19	125	124	10	124
50°	2'	136	87	28	7	2	1	141	56	141	138	26	138	137	13	137
	3'	89	63	28	9	3	1	96	57	96	92	30	92	91	18	91
	4'	53	41	23	9	4	1	61	48	61	56	29	56	54	17	54
	5'	33	28	18	9	4	2	40	38	40	36	27	36	34	17	34
One 39W T4 Lamp at 3,400 Total Lumens	6'	21	19	13	8	4	2	29	29	29	25	22	25	23	16	23
	7'	14	13	10	6	3	2	22	22	22	18	17	18	16	13	16
	8'	10	9	7	5	3	2	16	17	16	13	13	13	12	10	12
	9'	7	7	6	4	3	2	13	13	13	10	11	10	9	8	9

**4' FROM WALL**

Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance										
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →	← 6' →	← 6' →					
4' FROM WALL	□						□	□	□	□	□					
← 4' →	1'	55	38	20	7	3	1	61	42	61	58	26	58	57	14	57
50°	2'	85	62	28	9	3	2	92	58	92	89	35	89	87	19	87
	3'	69	54	31	12	4	2	79	63	79	73	41	73	71	24	71
	4'	50	40	26	12	5	2	61	55	61	55	38	55	52	24	52
	5'	34	28	21	11	5	3	45	44	45	40	33	40	37	22	37
One 39W T4 Lamp at 3,400 Total Lumens	6'	23	21	16	10	5	3	34	35	34	29	27	29	26	20	26
	7'	16	15	12	8	5	3	27	27	27	22	22	22	19	17	19
	8'	12	11	9	7	4	3	22	22	22	17	18	17	15	15	15
	9'	9	8	7	6	4	2	17	18	17	14	14	14	12	12	12

\*Multipliers: 20W = 0.47, 70W = 1.82

\*Note: Multipliers are provided for estimating purposes only. Use IES photometric files for precise photometric information.

**ORDERING INFORMATION:** Rough-in and accessories ordered separately.

Example: **MS124-20H-BL**

Rough-In	Wattage/Lamp	Finish	Options
MS124 T4/T4.5 MH Lamp G8.5 base	20H 20W 120V/277V Electronic 39H 39W 120/277V Electronic 70H 70W 120/277V Electronic	WH White BL Black	†347 347 Volt ***F Fuse and Fuse Holder (Where *** = voltage) †CP Chicago Plenum

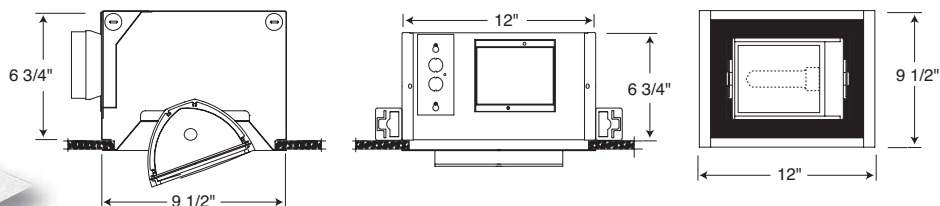
† Consult Factory for Availability

Example: **HB-TL**

Accessories	
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Conversion Kit for Wooden Joists
TMR6OBL	Black Vertical Louver

# T6 MS122 Series

# Large Housing



DRYWALL CEILING CUTOUT: 11-1/8" X 8-3/4"

## PRODUCT SPECIFICATIONS

**Lamp** One 20/39/70/150W T6/T4.5 medium base ceramic metal halide lamp.

**Socket** G12 bi-pin base • 4kV pulse-rated with nickel-plated copper screw shell.

**Lamp Holder Construction** Extruded aluminum lamp housing with die-cast aluminum end caps and lens holder.

**Aiming** 35° vertical aiming capability.

**Lens** Uniformity glass lens included with fixture.

**Electronic Ballast** Premium, high efficiency, constant power electronic ballast provides optimum color and CRI uniformity from fixture to fixture • May be replaced from above or below ceiling • Universal 120/277VAC input voltage.

**Trim Finish** Black (BL) or White (WH) finish.

**Labels** U.L. listed for through-branch wiring and damp location.

**Housing** 22 gauge die-formed galvanized steel • Electrical connections can be made from below the ceiling in an internal wireway or from above the ceiling through a wireway access cover.

**Trim** Painted trim attaches to housing using 2 torsion springs and an electrical quick-connector • Sturdy extruded aluminum lamp housing with die-cast aluminum end caps and textured painted housing • Lamp may be replaced without removing trim section.

## PHOTOMETRIC DATA, CLEAR GLASS

### 3' FROM WALL

Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance									
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →						
3' FROM WALL															
1'	301	158	51	8	3	2	308	104	308	304	39	304	302	17	302
2'	291	171	58	12	3	2	299	119	299	295	54	295	294	25	294
3'	189	118	51	17	5	2	200	105	200	193	59	193	191	35	191
4'	114	78	42	16	7	3	130	87	130	120	53	120	116	34	116
5'	72	55	32	17	7	3	87	68	87	78	50	78	75	34	75
6'	47	39	25	15	7	3	63	53	63	55	39	55	50	30	50
One 70W T6 Lamp at 6,600 Total Lumens	32	27	19	11	7	3	47	42	47	40	30	40	36	24	36
8'	23	20	15	9	6	3	35	33	35	30	25	30	26	19	26
9'	16	15	11	8	5	3	27	27	27	23	21	23	20	16	20

### 4' FROM WALL

Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance									
	0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →						
4' FROM WALL															
1'	130	87	46	16	5	2	141	96	141	135	63	135	133	32	133
2'	191	130	58	20	5	3	202	120	202	196	75	196	194	40	194
3'	148	110	59	25	9	3	167	122	167	155	84	155	151	51	151
4'	107	78	48	22	10	4	128	101	128	116	70	116	110	46	110
5'	73	55	38	20	10	5	93	81	93	84	59	84	78	40	78
6'	51	42	28	18	10	5	72	63	72	62	48	62	57	37	56
One 70W T6 Lamp at 6,600 Total Lumens	36	32	23	15	9	5	57	51	57	47	39	47	42	31	42
7'	27	24	18	12	8	5	46	43	46	38	33	38	33	26	33
8'	20	18	15	10	7	5	36	36	36	30	28	30	26	21	26
9'															

\*Multipliers: 20W = 0.26, 39W = 0.55, 150W = 2.26

\*Note: Multipliers are provided for estimating purposes only. Use IES photometric files for precise photometric information.

## ORDERING INFORMATION: Rough-in and accessories ordered separately.

Example: **MS122-20H-BL**

Rough-In	Wattage/Lamp	Finish	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>MS122</b> T6/T4.5 MH Lamp G12 base	<b>20H</b> 20W 120V/277V Electronic <b>39H</b> 39W 120/277V Electronic <b>70H</b> 70W 120/277V Electronic <b>150H1</b> 150W 120V Electronic <b>150H2</b> 150W 277V Electronic	<b>WH</b> White <b>BL</b> Black	† <b>347</b> 347 Volt *** <b>F</b> Fuse and Fuse Holder (Where *** = voltage) † <b>CP</b> Chicago Plenum
			† Consult Factory for Availability

Example: **HB-TL**

Accessories	
<input type="text"/>	<input type="text"/>
<b>HB-TL</b>	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
<b>HB-52</b>	52" C-Channel Bar Hangers, Pair
<b>HB-28</b>	28" C-Channel Bar Hangers, Pair
<b>LB-27</b>	27" Linear Bar Hangers, Pair
<b>HB-4</b>	Conversion Kit for Wooden Joists
<b>TMR6OBL</b>	Black Vertical Lower



**juno**<sup>®</sup>  
Recessed and Trac Lighting

**indy**<sup>™</sup>  
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**NaviLite**<sup>®</sup>  
Exit and Emergency Lighting

**DanaLite**<sup>®</sup>  
Architectural Linear Lighting

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LIT-IND-T4T6-WW



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