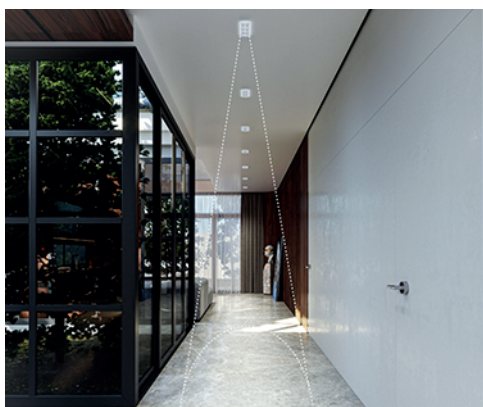
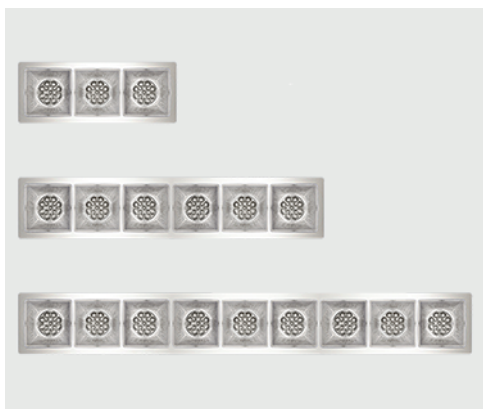


Crystal delivers preciousness to the ceiling and throughout any space. The minimal linear form combines with the rich finish to create a magical play of light reflections, even when not in use. The new patented Opti Diamond optic is the result of a careful study of materials and engineering that optimize the catadioptric principle, producing an extraordinary brilliance, visual comfort and high efficiency.

Luminaire characteristic:

Load input: 6W to 31.6W (system wattage)
Lumens: 786lm to 3443lm (for 3000K, 80CRI)
Luminaire efficacy: up to 140lm/W

Source:	White LED module (LM-80) 2700K: 80CRI, 90CRI, 3000K: 80CRI, 90CRI, 3500K: 80CRI, 90CRI, 4000K: 80CRI, 90CRI.
Lumen maintenance:	85% of initial lumens at 50 000 hours (L85) (LM-79).
Optics:	Medium, wide flood oval transversal or longitudinal, general light optic available with UGR < 19 option (BO) and wall washer optic with Opti Diamond technology.
Material:	Body and heat sink: Extruded aluminum End caps: Cast zamak Reflector and baffle: Translucent textured methacrylate raster Housing: Galvanized steel
Mounting:	Remodel, New construction with plaster frame, New construction with housing for Chicago plenum.
Electrical:	Integral high efficiency LED driver rated at 50 000 hours, 120V or 120-277V.
Dimming:	0-10V dimming (120-277V), down to 10%. 0-10V dimming (120-277V), down to 1%. Leading edge (TRIAC) and trailing edge (ELV) dimming (120V only), down to 15%. Dali dimming (120-277V), down to 1%.
Finish:	Black or white (RAL9010) body with translucent textured methacrylate raster.
Weight:	ICRY3T: 3.88lbs (1.76kg) ICRY6T: 4.53lbs (2.06kg) ICRY9T: 4.98lbs (2.26kg)
Warranty:	5 year limited warranty.
Ratings:	IP20, IP43 (from under the ceiling)
Certification:	cULus listed for damp location. Interior use only.



ORDERING INFO



PRODUCT CODE			INSTALLATION CODE					
MODEL	MOUNTING	INSTALLATION TYPE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
ICRY3 Three cells	T Trim	RF Remodel	BO ¹ UGR < 19	827* 2700K, 80CRI	MD ² Medium 35°	120 120V	D8 White / transparent	120V
ICRY6 Six cells		NC New construction plaster frame	HO High output	830 3000K, 80CRI	LW ³ Wide flood oval longitudinal	UNV 120-277V	83 Black / transparent	LTE Leading edge and trailing edge (down to 15%)
ICRY9 Nine cells		CP New construction chicago plenum housing		835 3500K, 80CRI	TW ³ Wide flood oval transversal			120-277V (UNV)
				840 4000K, 80CRI	GL General light			D01 0-10V (down to 1%)
				927* 2700K, 90CRI	WW Wall washer			D10 0-10V (down to 10%)
				930 3000K, 90CRI				DA Dali (down to 1%)
				935 3500K, 90CRI				
				940 4000K, 90CRI				

¹ Only available for general light (**GL**) optic.

² Available for 3 cells (ICRY3T) and 6 cells (ICRY6T) models.

³ Available for 3 cells (ICRY3T) model.

* LED options may require a longer lead time. Please contact customer service for details.

INSTALLATION OPTIONS

Remodel (RF)

Versatile fixture for new or existing ceiling structure. Suitable for insulated or non-insulated ceiling assemblies, like sheetrock, or paneling. Fixture is ready for remodeling installation.

Ceiling thickness: 1/8" - 1 1/8" (3mm - 29mm)



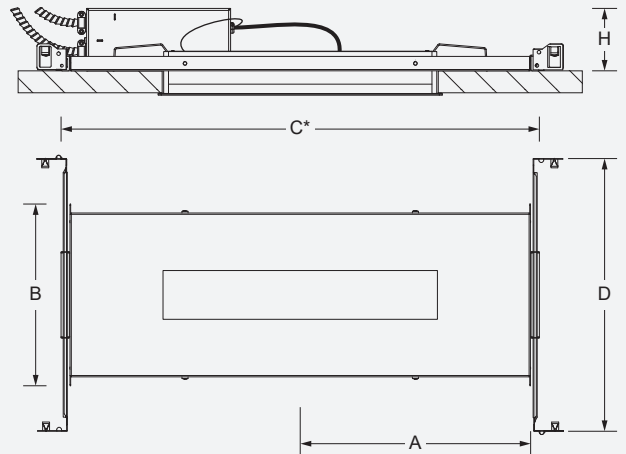
Model	Cut-out dimensions	Clearance (H)
ICRY3	2 9/16" x 7 7/16" (64.5 x 185mm)	3 3/4" (96mm)
ICRY6	2 9/16" x 14 5/16" (64.5 x 363mm)	
ICRY9	2 9/16" x 21 3/8" (64.5 x 543mm)	

*Can be installed from below the ceiling.

New construction with plaster frame (NC)

Plaster frame with hanger bars system to be installed during rough-in phase. Suitable for insulated or non-insulated ceiling assemblies, like sheetrock, or paneling. Plaster frame can be shipped separately.

Ceiling thickness: 1/8" - 1 1/8" (3mm - 29mm)



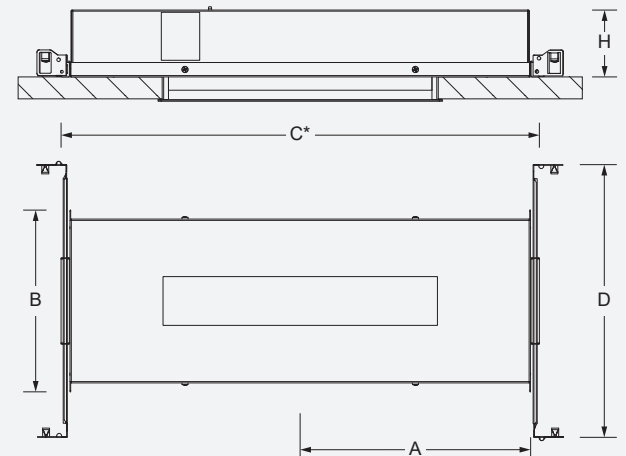
*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

Model	Plaster frame	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
ICRY3	BN-CRY3T-NC	2 9/16" x 7 7/16" (64.5 x 185mm)	12" (305mm)	9 1/2" x 25" (240 x 633mm)	14 1/4" to 26" (362 to 660mm)	3 3/4" (96mm)
ICRY6	BN-CRY6T-NC	2 9/16" x 14 5/16" (64.5 x 363mm)	12" (305mm)	9 1/2" x 25" (240 x 633mm)		
ICRY9	BN-CRY9T-NC	2 9/16" x 21 3/8" (64.5 x 543mm)	15 3/8" (390mm)	9 1/2" x 31 1/16" (240 x 804mm)		

New construction with housing suitable for Chicago plenum (CP)

Housing with hanger bars system for new construction installations. Suitable for insulated or non insulated ceiling in Chicago plenum applications. Housing can be shipped separately.

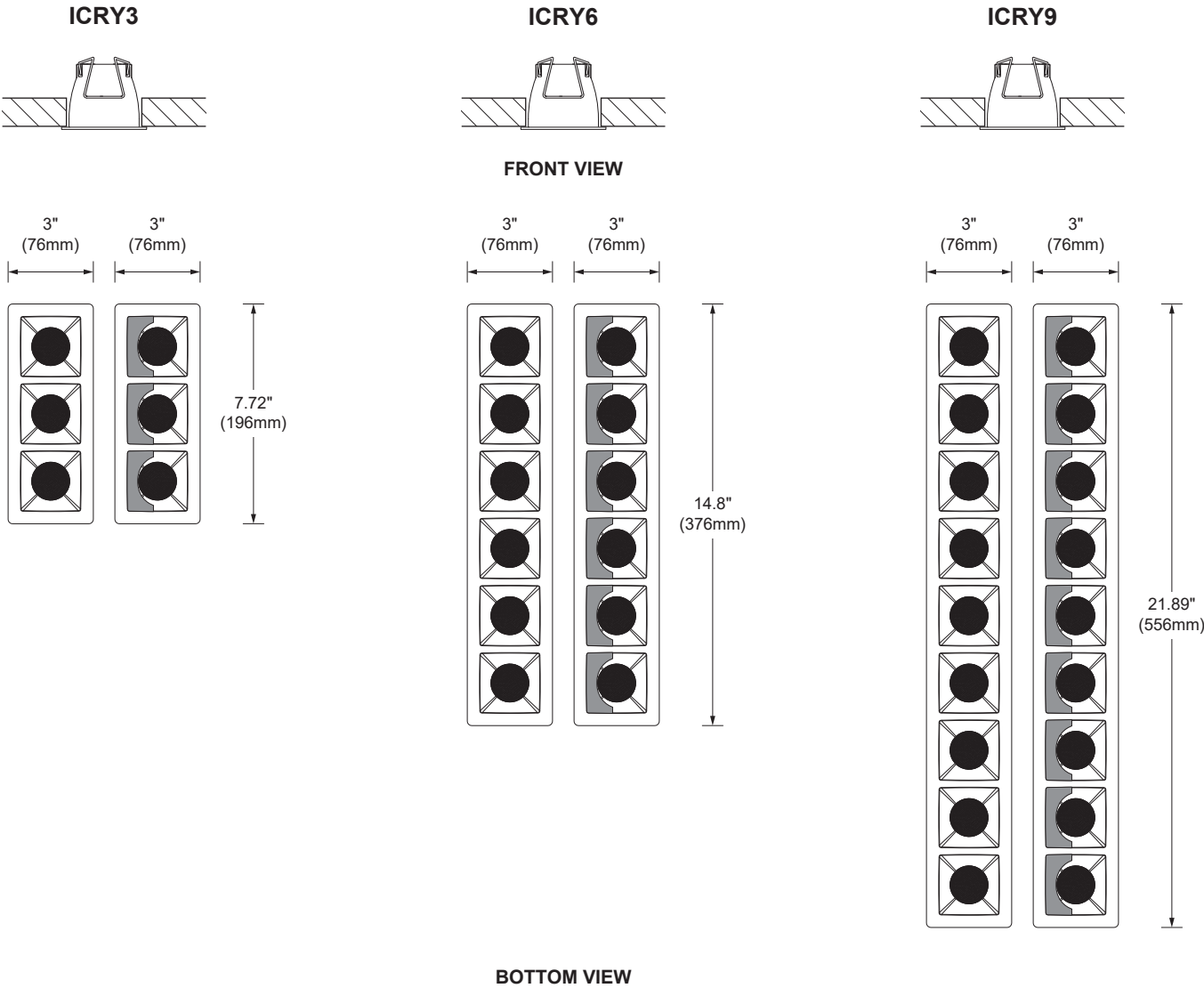
Ceiling thickness: 1/8" - 1 1/8" (3mm - 29mm)



*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
ICRY3	BI-CRY3T-CP	2 9/16" x 7 7/16" (64.5 x 185mm)	12" (305mm)	9 1/2" x 25" (240 x 633mm)	14 1/4" to 26" (362 to 660mm)	3 5/8" (92mm)
ICRY6	BI-CRY6T-CP	2 9/16" x 14 5/16" (64.5 x 363mm)	12" (305mm)	9 1/2" x 25" (240 x 633mm)		
ICRY9	BI-CRY9T-CP	2 9/16" x 21 3/8" (64.5 x 543mm)	15 3/8" (390mm)	9 1/2" x 31 1/16" (240 x 804mm)		

TRIM MODELS DIMENSIONS

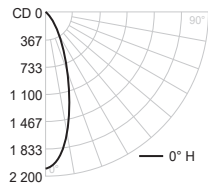


* See page 6 for installation option details

PHOTOMETRIC DATA

Crystal 3 cells (3000K, 80CRI) • High output • Medium 35°

(ICRY3T-HO-830-MD)



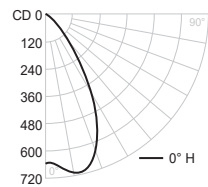
	Center beam fc	Beam width ft
2ft	526	1.2
4ft	132	2.5
6ft	58.4	3.7
8ft	32.9	5.0
10ft	21.0	6.2
12ft	14.6	7.5

Load: 9W
Delivered lumens: 1 120 lm
Efficacy: 124 lm/W
Max candela: 2 104 cd

Photometric data multiplier				
Color temperature	80 CRI		90 CRI	
2700K	1	9W*	1	11W*
3000K	1	9W*	1	11W*
3500K	1	9W*	1	11W*
4000K	1.04	8.6W*	1	10.2W*

Crystal 3 cells (3000K, 80CRI) • Base output • General light

(ICRY3T-BO-830-GL)



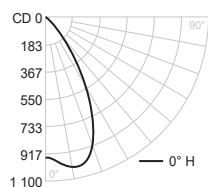
	Center beam fc	Beam width ft
2ft	164	2.4
4ft	41.1	4.8
6ft	18.3	7.2
8ft	10.3	9.6
10ft	6.58	12.0
12ft	4.57	14.4

Load: 6W
Delivered lumens: 786 lm
Efficacy: 131 lm/W
Max candela: 713 cd

Photometric data multiplier				
Color temperature	80 CRI		90 CRI	
2700K	1	6W*	0.97	7W*
3000K	1	6W*	0.97	7W*
3500K	1	6W*	0.97	7W*
4000K	0.98	5.6W*	0.97	7W*

Crystal 3 cells (3000K, 80CRI) • High output • General light

(ICRY3T-HO-830-GL)



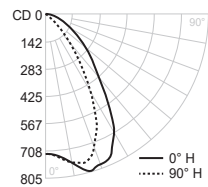
	Center beam fc	Beam width ft
2ft	237	2.4
4ft	59.3	4.7
6ft	26.4	7.1
8ft	14.8	9.4
10ft	9.49	11.8
12ft	6.59	14.1

Load: 9W
Delivered lumens: 1 134 lm
Efficacy: 126 lm/W
Max candela: 1 029 cd

Photometric data multiplier				
Color temperature	80 CRI		90 CRI	
2700K	1	9W*	1	11W*
3000K	1	9W*	1	11W*
3500K	1	9W*	1	11W*
4000K	1.04	8.6W*	1	10.2W*

Crystal 3 cells (3000K, 80CRI) • High output • Wall washer

(ICRY3T-HO-830-WW)



	Center beam fc	Beam width ft
2ft	142	2.4
4ft	283	4.7
6ft	425	7.1
8ft	567	9.4
10ft	708	11.8
12ft	805	14.1

Load: 9W
Delivered lumens: 1 050 lm
Efficacy: 116 lm/W
Max candela: 850 cd

Photometric data multiplier				
Color temperature	80 CRI		90 CRI	
2700K	1	9W*	1	11W*
3000K	1	9W*	1	11W*
3500K	1	9W*	1	11W*
4000K	1.04	8.6W*	1	10.2W*

Crystal 3 cells (3000K, 80CRI) • High output • Wide flood oval longitudinal

(ICRY3T-HO-830-LW)

Potometric data coming soon

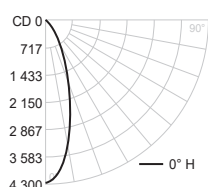
Crystal 3 cells (3000K, 80CRI) • High output • Wide flood oval transversal

(ICRY3T-HO-830-TW)

Potometric data coming soon

Crystal 6 cells (3000K, 80CRI) • High output • Medium 35°

(ICRY6T-HO-830-MD)



	Center beam fc	Beam width ft
2ft	1 071	1.2
4ft	268	2.5
6ft	119	3.7
8ft	66.9	5.0
10ft	42.8	6.2
12ft	29.7	7.5

Load: 18.4W
Delivered lumens: 2 280 lm
Efficacy: 123 lm/W
Max candela: 4 283 cd

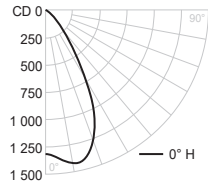
Photometric data multiplier				
Color temperature	80 CRI		90 CRI	
2700K	1	18.4W*	1	22.7W*
3000K	1	18.4W*	1	22.7W*
3500K	1	18.4W*	1	22.7W*
4000K	1	17.6W*	1	21W*

*Fixture loads adjusted to keep a uniform lumen output across all color temperatures.

PHOTOMETRIC DATA

Crystal 6 cells (3000K, 80CRI) • Base output • General light

(ICRY6T-BO-830-GL)



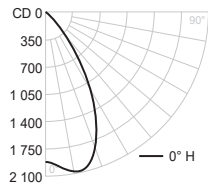
Center beam fc	Beam width ft
2ft 331	2.4
4ft 82.6	4.8
6ft 36.7	7.2
8ft 20.7	9.6
10ft 13.2	12.0
12ft 9.18	14.4

Load: 12W
Delivered lumens: 1 580 lm
Efficacy: 131 lm/W
Max candela: 1 434 cd

Photometric data multiplier				
Color temperature	80 CRI	90 CRI		
2700K	1	12W*	0.97	14.5W*
3000K	1	12W*	0.97	14.5W*
3500K	1	12W*	0.97	14.5W*
4000K	0.97	11.2W*	0.97	13.6W*

Crystal 6 cells (3000K, 80CRI) • High output • General light

(ICRY6T-HO-830-GL)



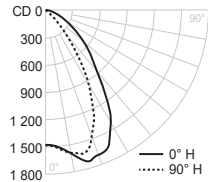
Center beam fc	Beam width ft
2ft 483	2.4
4ft 121	4.8
6ft 53.7	7.2
8ft 30.2	9.6
10ft 19.3	12.0
12ft 13.4	14.4

Load: 18.4W
Delivered lumens: 2 309 lm
Efficacy: 125 lm/W
Max candela: 2 096 cd

Photometric data multiplier				
Color temperature	80 CRI	90 CRI		
2700K	1	18.4W*	1	22.7W*
3000K	1	18.4W*	1	22.7W*
3500K	1	18.4W*	1	22.7W*
4000K	1	17.6W*	1	21W*

Crystal 6 cells (3000K, 80CRI) • High output • Wall washer

(ICRY6T-HO-830-WW)

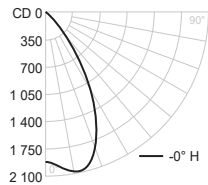


Load: 18.4W
Delivered lumens: 2 138 lm
Efficacy: 116 lm/W
Max candela: 1 729 cd

Photometric data multiplier				
Color temperature	80 CRI	90 CRI		
2700K	1	18.4W*	1	22.7W*
3000K	1	18.4W*	1	22.7W*
3500K	1	18.4W*	1	22.7W*
4000K	1	17.6W*	1	21W*

Crystal 9 cells (3000K, 80CRI) • Base output • General light

(ICRY9T-BO-830-GL)



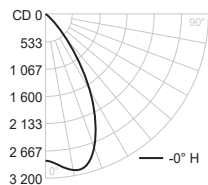
Center beam fc	Beam width ft
2ft 483	2.4
4ft 121	4.8
6ft 53.7	7.2
8ft 30.2	9.6
10ft 19.3	12.0
12ft 13.4	14.4

Load: 18.3W
Delivered lumens: 2 309 lm
Efficacy: 126 lm/W
Max candela: 2 096 cd

Photometric data multiplier				
Color temperature	80 CRI	90 CRI		
2700K	1	18.3W*	1	22.2W*
3000K	1	18.3W*	1	22.2W*
3500K	1	18.3W*	1	22.2W*
4000K	1.02	17.4W*	1.02	20.9W*

Crystal 9 cells (3000K, 80CRI) • High output • General light

(ICRY9T-HO-830-GL)



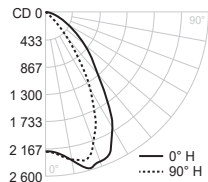
Center beam fc	Beam width ft
2ft 720	2.4
4ft 180	4.8
6ft 80.0	7.2
8ft 45.5	9.6
10ft 28.8	12.0
12ft 20.0	14.4

Load: 26W
Delivered lumens: 3 443 lm
Efficacy: 132 lm/W
Max candela: 3 125 cd

Photometric data multiplier				
Color temperature	80 CRI	90 CRI		
2700K	1	26W*	1	31.6W*
3000K	1	26W*	1	31.6W*
3500K	1	26W*	1	31.6W*
4000K	1.01	24.8W*	1	29.2W*

Crystal 9 cells (3000K, 80CRI) • High output • Wall washer

(ICRY9T-HO-830-WW)



Load: 26W
Delivered lumens: 3 188 lm
Efficacy: 122 lm/W
Max candela: 2 579 cd

Photometric data multiplier				
Color temperature	80 CRI	90 CRI		
2700K	1	26W*	1	31.6W*
3000K	1	26W*	1	31.6W*
3500K	1	26W*	1	31.6W*
4000K	1.01	24.8W*	1	29.2W*

*Fixture loads adjusted to keep a uniform lumen output across all color temperatures.