

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:	Power input system: 9.1W to 30.4W Lumens for 3000K, 90CRI: 950lm to 3 610lm Luminaire efficacy for 3000K, 90 CRI: up to 120lm/W
Source:	White LED module (LM-80) 2700K: 90CRI 3000K: 90CRI 3500K: 90CRI 4000K: 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:	New construction with housing suitable for insulated ceiling, Chicaco plenum and airtight.
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%.
Finish:	Black or white (RAL9010) body with translucent textured methacrylate raster.
Weight:	ICRY3T: 3.88lb (1.76kg) ICRY6T: 4.53lb (2.06kg) ICRY9T: 4.98lb (2.26kg)
Warranty:	5 year limited warranty.
Ratings:	IP20, IP43 (from under the ceiling)
Certification:	cULus listed for damp location. Interior use only.



Title 24-JA8-2019 high efficiency luminaire. Airtight luminaire less than 2 cfm leakage @1.57PSI per ASTM E283. To confirm which versions are certified, please consult the product list: <https://cacertappliances.energy.ca.gov/Pages/Search/AdvancedSearch.aspx>



reddot winner 2023
best of the best lighting design

ORDERING INFO

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PRODUCT CODE

INSTALLATION CODE

MODEL	MOUNTING	INSTALLATION TYPE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
ICRY3 Three cells	T Trim	AT * Airtight housing	BO ^{1 4} UGR < 19	927 ** 2700K, 90CRI	MD ² Medium 35°	120 ⁴ 120V	D8 White / transparent	120V
ICRY6 Six cells			HO High output	930 3000K, 90CRI	LW ³ Wide flood oval longitudinal	UNV 120-277V	83 Black / transparent	LTE ⁴ Leading edge and trailing edge (down to 15%)
ICRY9 Nine cells				935 3500K, 90CRI	TW ³ Wide flood oval transversal			120-277V (UNV)
				940 4000K, 90CRI	GL General light			D01 0-10V (down to 1%)
					WW Wall washer			D10 ⁴ 0-10V (down to 10%)

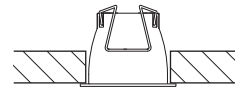
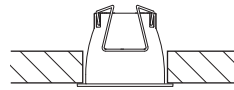
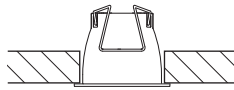
1 Only available for general light (GL) optic.
 2 Available for 3 cells (ICRY3T) and 6 cells (ICRY6T) models.
 3 Available for 3 cells (ICRY3T) model.
 4 Available for 6 cells (ICRY6T) and 9 cells (ICRY9T) models.
 * Airtight luminaire less than 2 cfm leakage @1.57PSI per ASTM E283.
 ** LED options may require a longer lead time. Please contact customer service for details.

TRIM MODELS DIMENSIONS

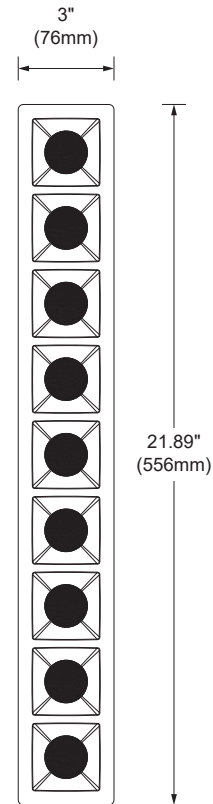
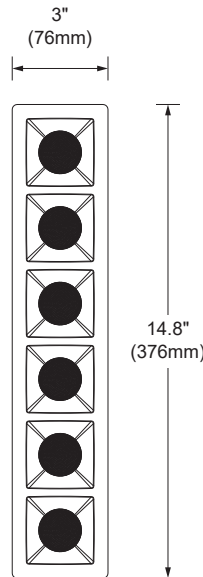
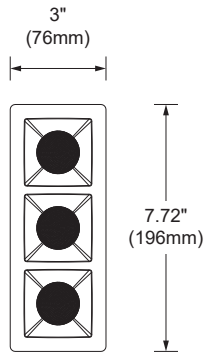
ICRY3

ICRY6

ICRY9



FRONT VIEW



BOTTOM VIEW

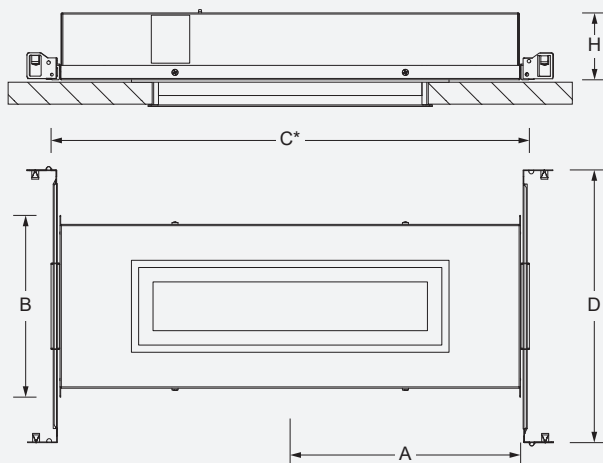
INSTALLATION OPTIONS

New construction with airtight (AT) housing.

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

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

Certification: Airtight housing (AT) certified less than 2 cfm leakage @ 1.57PSI per ASTM E283.



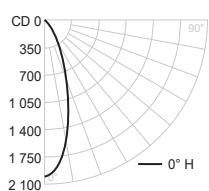
*Provide a minimum of 1 1/8" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
ICRY3	BI-CRY3T-AT	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-AT	2 9/16" x 14 5/16" (64.5 x 363mm)	12" (305mm)	9 1/2" x 25" (240 x 633mm)		
ICRY9	BI-CRY9T-AT	2 9/16" x 21 3/16" (64.5 x 543mm)	15 3/16" (390mm)	9 1/2" x 31 1/16" (240 x 804mm)		

PHOTOMETRIC DATA

Crystal 3 cells (3000K, 90CRI) • High output • Medium 35°

(ICRY3T-HO-930-MD)



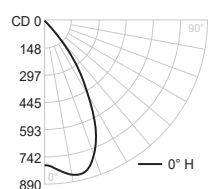
	Center beam fc	Beam width ft
2ft	512	1.2
4ft	128	2.3
6ft	56.8	3.5
8ft	32.0	4.6
10ft	20.5	5.8
12ft	14.2	6.9

Load: 9.1W
Delivered lumens for 3000K, 90CRI: 1000 lm
Efficacy: 110 lm/W
Max candela: 2 046 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	9.1W
3000K	1	9.1W
3500K	1	9.1W
4000K	1.04	9.1W

Crystal 3 cells (3000K, 90CRI) • High output • General light

(ICRY3T-HO-930-GL)



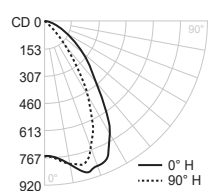
	Center beam fc	Beam width ft
2ft	195	2.6
4ft	48.7	5.1
6ft	21.7	7.7
8ft	12.2	10.2
10ft	7.80	12.8
12ft	5.41	15.3

Load: 9.1W
Delivered lumens for 3000K, 90CRI: 1 037 lm
Efficacy: 114 lm/W
Max candela: 882 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	9.1W
3000K	1	9.1W
3500K	1	9.1W
4000K	1.04	9.1W

Crystal 3 cells (3000K, 90CRI) • High output • Wall washer

(ICRY3T-HO-930-WW)



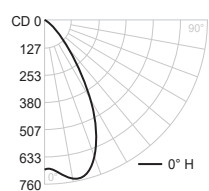
	Center beam fc	Beam width ft
2ft	227	2.1
4ft	56.8	4.2
6ft	25.3	6.3
8ft	14.2	8.3
10ft	9.09	10.4
12ft	6.31	12.5

Load: 9.1W
Delivered lumens for 3000K, 90CRI: 956 lm
Efficacy: 105 lm/W
Max candela: 915 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	9.1W
3000K	1	9.1W
3500K	1	9.1W
4000K	1.04	9.1W

Crystal 3 cells (3000K, 90CRI) • High output • Wide flood oval longitudinal

(ICRY3T-HO-930-LW)



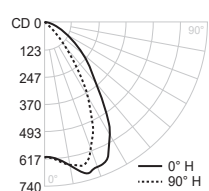
	Center beam fc	Beam width ft
2ft	182	1.9
4ft	45.4	3.8
6ft	20.2	5.7
8ft	11.4	7.6
10ft	7.27	9.5
12ft	5.05	11.4

Load: 9.1W
Delivered lumens for 3000K, 90CRI: 950 lm
Efficacy: 104lm/W
Max candela: 752 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	9.1W
3000K	1	9.1W
3500K	1	9.1W
4000K	1.04	9.1W

Crystal 3 cells (3000K, 90CRI) • High output • Wide flood oval transversal

(ICRY3T-HO-930-TW)



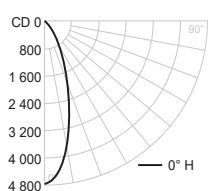
	Center beam fc	Beam width ft
2ft	176	3.2
4ft	43.9	6.3
6ft	19.5	9.5
8ft	11.0	12.7
10ft	7.03	15.9
12ft	4.88	19.0

Load: 9.1W
Delivered lumens for 3000K, 90CRI: 950 lm
Efficacy: 104 lm/W
Max candela: 738 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	9.1W
3000K	1	9.1W
3500K	1	9.1W
4000K	1.04	9.1W

Crystal 6 cells (3000K, 90CRI) • High output • Medium 35°

(ICRY6T-HO-930-MD)



	Center beam fc	Beam width ft
2ft	1 187	1.2
4ft	297	2.3
6ft	132	3.5
8ft	74.2	4.6
10ft	47.5	5.8
12ft	33.0	6.9

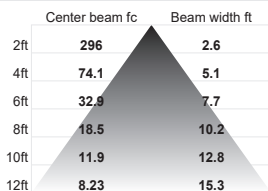
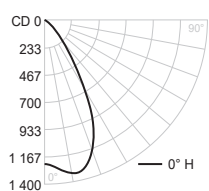
Load: 20.6W
Delivered lumens for 3000K, 90CRI: 2 320 lm
Efficacy: 113 lm/W
Max candela: 4 746 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	20.6W
3000K	1	20.6W
3500K	1	20.6W
4000K	1.07	20.6W

PHOTOMETRIC DATA

Crystal 6 cells (3000K, 90CRI) • Base output • General light

(ICRY6T-BO-930-GL)

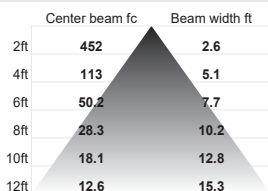
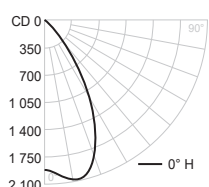


Load: 13.4W
Delivered lumens for 3000K, 90CRI: 1 577 lm
Efficacy: 118 lm/W
Max candela: 1 340 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	20.6W
3000K	1	20.6W
3500K	1	20.6W
4000K	1.08	20.6W

Crystal 6 cells (3000K, 90CRI) • High output • General light

(ICRY6T-HO-930-GL)

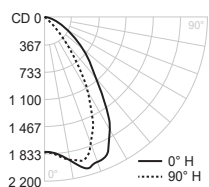


Load: 20.6W
Delivered lumens for 3000K, 90CRI: 2 407 lm
Efficacy: 117 lm/W
Max candela: 2 046 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	20.6W
3000K	1	20.6W
3500K	1	20.6W
4000K	1.07	20.6W

Crystal 6 cells (3000K, 90CRI) • High output • Wall washer

(ICRY6T-HO-930-WW)

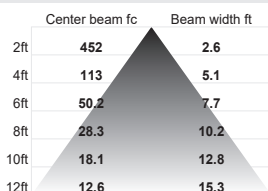
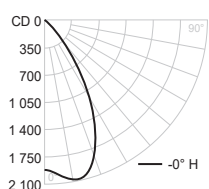


Load: 20.6W
Delivered lumens for 3000K, 90CRI: 2 218 lm
Efficacy: 108 lm/W
Max candela: 2 123 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	20.6W
3000K	1	20.6W
3500K	1	20.6W
4000K	1.07	20.6W

Crystal 9 cells (3000K, 90CRI) • Base output • General light

(ICRY9T-BO-930-GL)

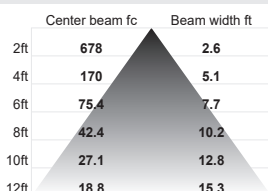
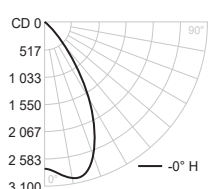


Load: 20W
Delivered lumens for 3000K, 90CRI: 2 407 lm
Efficacy: 120 lm/W
Max candela: 2 046 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	20W
3000K	1	20W
3500K	1	20W
4000K	1.07	20W

Crystal 9 cells (3000K, 90CRI) • High output • General light

(ICRY9T-HO-930-GL)

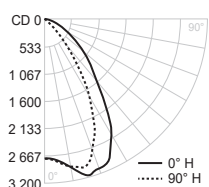


Load: 30.4W
Delivered lumens for 3000K, 90CRI: 3 610 lm
Efficacy: 119 lm/W
Max candela: 3 069 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	30.4W
3000K	1	30.4W
3500K	1	30.4W
4000K	1.07	30.4W

Crystal 9 cells (3000K, 90CRI) • High output • Wall washer

(ICRY9T-HO-930-WW)



Load: 30.4W
Delivered lumens for 3000K, 90CRI: 3 328 lm
Efficacy: 109 lm/W
Max candela: 3 184 cd

Photometric data multiplier		
Color temperature	90 CRI	
2700K	1	30.4W
3000K	1	30.4W
3500K	1	30.4W
4000K	1.07	30.4W