

Specifications/Features

Housing/Mounting

Architectural Grade 8" housing, 7-7/8" aperture. 8-1/8" ceiling cutout, maximum ceiling thickness: 1-1/4". Maximum height: 6-5/8", allow 3" clearance.
Installed hanger bars span 24" and include built-in nailers as well as T-bar hooks.
Junction box is provided for wiring 4-in and 4-out, with (4) 1/2" and (4) Romex pryouts; (1) 1/2" and 3/4" concentric knockout.

Lamp/Electrical

(1) 26W 4-PIN DTT or TRT (GX24Q-3 Base),
(1) 32W 4-PIN TRT (GX24Q-3 Base), or
(1) 42W 4-PIN TRT (GX24Q-4 Base) lamp (max.).
Electronic, multi wattage ballast with high power factor (.99).
Multi Volt (120-277V). Sound rated A.
End of lamp life protection circuit.
Surge protected, meets ANSI C62.41.
Program start for extended lamp life.
Class P thermally protected by internal fuse in electronic ballast.
Maximum input (26W) current @ 120V (.24A), @ 277V (.10A).
Maximum input (32W) current @ 120V (.27A), @ 277V (.13A).
Maximum input (42W) current @ 120V (.37A), @ 277V (.16A).

Trims

Commercial Grade trims are available in several different styles and finishes to complement your space. Commercial Grade trims have white trim flanges. Specification Grade trims have a high quality Alzak™ low iridescence finish, optically designed for maximum lumen output. Available with white painted flange in standard and premium finishes.

Warranty

This fixture is covered by ConTech's full one (1) year replacement guarantee after date of purchase.
Electronic ballasts have a five (5) year manufacturer's warranty.

Listing

cULus listed. Suitable for damp locations.

Ordering Information

Example Order: -

Housing

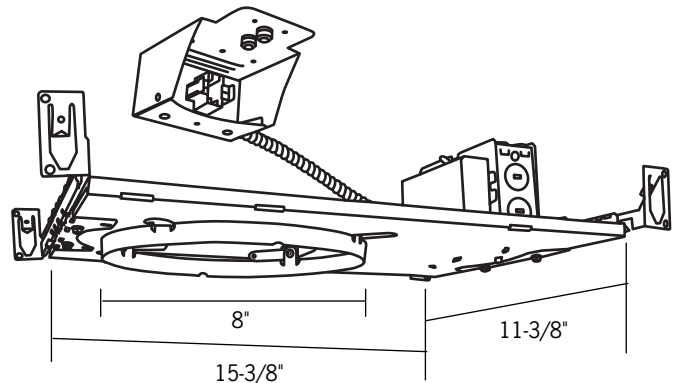
RA8142HEMV

Trims

For Trims, see "8" Trims for Horizontal Lamp Compact Fluorescent Recessed Housings" spec sheet for trim information and details.

Options

- CTR84C-CLR** - 8" Diameter Cross Hair Louver, Spring Retention Insert, Clear Specular Aluminum Finish
- DAMX** - Advance MarkX Dimming Option
- DLEC** - Lutron ECOSYSTEM Dimming Option
- EB4** - Factory Installed 4-PIN 650 Lumen Emergency Ballast with Remote Test Switch
- EB4-IS** - Factory Installed 4-PIN 650 Lumen Emergency Ballast with Internal Test Switch
- EB4R** - Remote 4-PIN 650 Lumen Emergency Ballast with Remote Test Switch
- EBH-IS** - Factory Installed 4-PIN 1300 Lumen Emergency Ballast with Internal Test Switch
- HB30** - T-Bar Hanger Set
- CP** - Chicago Plenum (Consult Factory)
- 347V** - Consult factory



Ceiling Opening: 8-1/8"

Trims for 8" Horizontal Lamp Compact Fluorescent Recessed Housings

Catalog No. _____

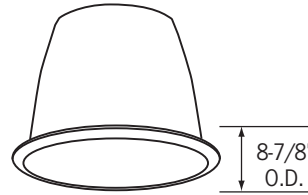
Type _____

Project _____

All trims are compatible with 8 Inch Horizontal Lamp Compact Fluorescent Recessed Housings: **RA8118HEMV, RA8142HEMV, RA8218HEMV, RA8226HEMV** and **RA8242HEMV** series housings.
All trims have white trim finish unless specified.
All trims are cULus listed.
All trims are suitable for damp locations; only shower trims are listed for wet locations.

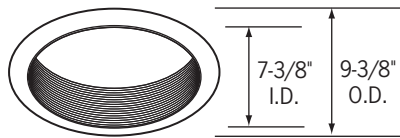
Specification Grade Trims

One piece ALZAK™ reflector. Spun parabolic contour provides 40° cutoff to lamp and lamp image. Optically designed for superior light control. All reflector finishes are low iridescent to eliminate the rainbowing effect. Self-flanged trim design that produces a smooth transition from fixture to ceiling. Custom finishes are available, consult Con-Tech for details. White painted flange available. Add "WPF" after the catalog number.

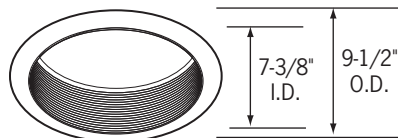


CST8422H-CLR
Clear Reflector
CST8423H-PL
Matte Platinum Reflector
Finishes: -CLR (clear), -PL (matte platinum)

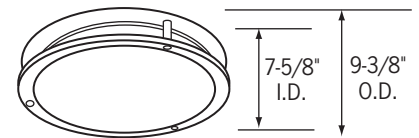
Commercial Grade Trims



CTR8421H-B
Black Baffle, Clear Reflector, Black Trim Ring



CTR8427H-P
Black Baffle Trim

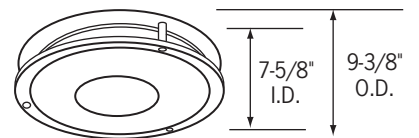


CTR8425H-P
Floating Glass Trim
White Reflector, 1-1/2" Drop

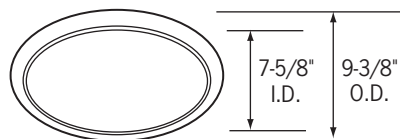
CTR8421H-P
Black Baffle, Clear Reflector, White Trim Ring

CTR8427H-P-WHT
White Baffle Trim
Clear specular reflector with regressed prismatic convex glass lens; 1-1/2" regress. Aluminum baffle and reflector. Wet location listed.

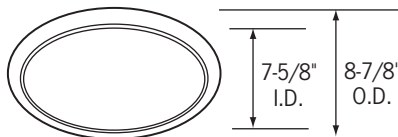
CTR8421H-P-WHT
White Baffle, White Reflector, White Trim Ring



CTR8426H-P
Floating Ring
White Reflector, 1-1/2" Drop, 3-1/2" Center Hole



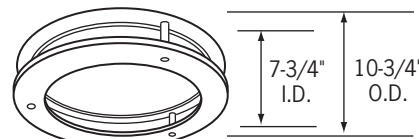
CTR8422H-(CLR, WHT)
Specular Reflector: **-CLR (Clear), -WHT (White)**



CTR8429H-(CLR, PL)
Self-flanged Specular Reflector
Clear or Matte Platinum finish.



CTR8423H-CLR
Wall Wash Kickplate, Clear Reflector, White Plastic Trim Ring



CTR8428H-(CLR, WHT)-P
1AR8(B, F, G, R, Y)*
Single sandblasted floating colored acrylic ring supported by three (3) posts. Clear or white reflector, white metal trim ring. 1-1/2" Drop from ceiling.
***B (Blue), F (Frosted), G (Green), R (Red), Y (Yellow)**

Reflector/Trim Finishes

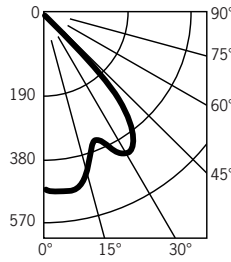
Reflector Finish Options:
CLR - Clear **PL** - Matte Platinum
WHT - White

Trim Finish Options:
B - Black **P** - White

Acrylic Ring Finish Codes:
B - Blue **F** - Frosted
G - Green **R** - Red
Y - Yellow

Trim:
CST8423H-CLR
Clear Specular
90° Wall Wash Kicker

Lamp: (1) 26W TRT
Lumens: 1800 per lamp
Spacing Criteria: 1.3
Test No.: 55087



Candlepower Summary

FROM 0	ZONAL LUMENS
0	454
5	482
15	507
25	477
35	383
45	411
55	192
65	8
75	2
85	0
95	0

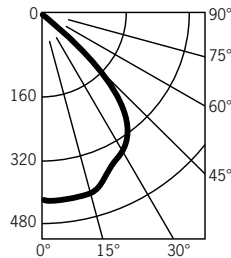
Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	65	65	64	64	61	61
1	59	58	58	57	56	55
2	54	51	53	50	51	49
3	49	45	48	45	46	44
4	44	40	43	40	42	39
5	40	36	40	36	38	35
6	37	32	36	32	35	32
7	33	29	33	29	32	29
8	31	27	30	26	30	26
9	28	24	28	24	27	24
10	26	22	26	22	25	22

Note: Effective floor cavity reflectance = 20%

Trim:
CST8423H-PL
Platinum
90° Wall Wash Kicker

Lamp: (1) 26W TRT
Lumens: 1800 per lamp
Spacing Criteria: 1.4
Test No.: 55090



Candlepower Summary

FROM 0	ZONAL LUMENS
0	425
5	444
15	465
25	420
35	370
45	276
55	142
65	41
75	10
85	1
95	0

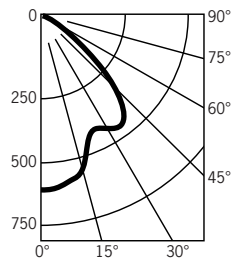
Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	58	58	57	57	54	54
1	53	51	51	50	49	48
2	47	45	47	44	45	43
3	43	40	42	39	41	38
4	39	35	38	35	37	34
5	35	32	35	31	34	31
6	32	28	32	28	31	28
7	29	26	29	26	28	25
8	27	23	27	23	26	23
9	25	21	25	21	24	21
10	23	20	23	20	23	19

Note: Effective floor cavity reflectance = 20%

Trim:
CST8423H-CLR
Clear Specular
90° Wall Wash Kicker

Lamp: (1) 32W TRT
Lumens: 2400 per lamp
Spacing Criteria: 1.4
Test No.: 55088



Candlepower Summary

FROM 0	ZONAL LUMENS
0	595
5	631
15	674
25	664
35	572
45	553
55	317
65	12
75	5
85	0
95	0

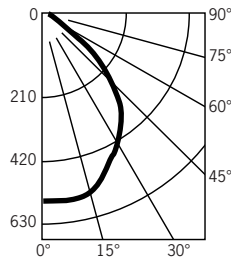
Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	69	69	68	68	65	65
1	63	61	62	60	60	58
2	57	54	56	53	54	52
3	52	48	51	47	49	46
4	47	43	46	42	45	41
5	42	38	42	38	41	37
6	39	34	38	34	37	33
7	35	31	35	31	34	30
8	32	28	32	28	31	28
9	30	26	30	25	29	25
10	28	23	27	23	27	23

Note: Effective floor cavity reflectance = 20%

Trim:
CST8423H-PL
Platinum
90° Wall Wash Kicker

Lamp: (1) 32W TRT
Lumens: 2400 per lamp
Spacing Criteria: 1.4
Test No.: 55091



Candlepower Summary

FROM 0	ZONAL LUMENS
0	563
5	587
15	633
25	599
35	538
45	400
55	231
65	68
75	17
85	2
95	0

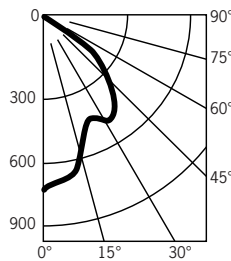
Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	62	62	60	60	58	58
1	56	54	55	53	53	51
2	50	48	49	47	48	46
3	45	42	45	41	43	40
4	41	37	40	37	39	36
5	37	33	37	33	36	32
6	34	30	33	30	33	29
7	31	27	31	27	30	26
8	29	25	28	24	28	24
9	26	22	26	22	25	22
10	24	21	24	21	24	20

Note: Effective floor cavity reflectance = 20%

Trim:
CST8423H-CLR
Clear Specular
90° Wall Wash Kicker

Lamp: (1) 42W TRT
Lumens: 3200 per lamp
Spacing Criteria: 1.6
Test No.: 55089



Candlepower Summary

FROM 0	ZONAL LUMENS
0	712
5	748
15	817
25	848
35	763
45	676
55	408
65	15
75	3
85	0
95	0

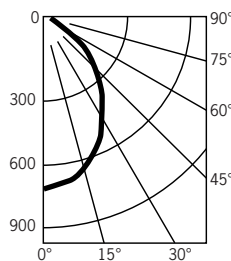
Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	67	67	65	65	62	62
1	61	59	59	58	57	56
2	55	52	54	51	52	50
3	49	46	49	45	47	44
4	45	41	44	40	43	39
5	40	36	40	36	39	35
6	37	32	36	32	35	32
7	34	29	33	29	32	29
8	31	26	30	26	30	26
9	28	24	28	24	27	24
10	26	22	26	22	25	22

Note: Effective floor cavity reflectance = 20%

Trim:
CST8423H-PL
Platinum
90° Wall Wash Kicker

Lamp: (1) 42W TRT
Lumens: 3200 per lamp
Spacing Criteria: 1.4
Test No.: 55092



Candlepower Summary

FROM 0	ZONAL LUMENS
0	688
5	706
15	761
25	741
35	644
45	472
55	295
65	89
75	23
85	2
95	0

Coefficients of Utilization

RC RW	80%		70%		50%	
	50%	30%	50%	30%	50%	30%
0	59	59	58	58	55	55
1	54	52	52	51	50	49
2	48	45	47	45	46	43
3	43	40	43	39	41	38
4	39	35	38	35	37	34
5	35	32	35	31	34	31
6	32	28	32	28	31	28
7	29	26	29	25	28	25
8	27	23	27	23	26	23
9	25	21	25	21	24	21
10	23	19	23	19	22	19

Note: Effective floor cavity reflectance = 20%