

# Cerra®

## Indirect T8

Type:

Project:

## SPECIFICATIONS

Wall — Modular

CRW1

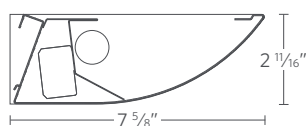
## CATALOG NUMBER

FT

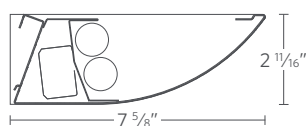
Examples: CRW1 1 32 WHR 40FT R12 277 GEB SCT LP735 C210 SCEP — CRW1 2 32 SPR 32FT R8 277 GEB 1SE EL DCT LP735 C110

## AVAILABLE FIXTURES

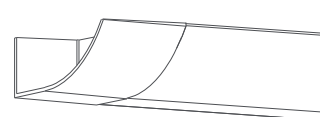
## □ CRW1 - 1



## □ CRW1 - 2



## Optional sculptured end caps



## SPECIFICATIONS

## Construction

Housing is a channel formed from one-piece cold-rolled steel. Flat end plate standard. Sculptured cast aluminum end cap is optional.

## Reflectors

Die-formed highly reflective white reflector or die-formed highly reflective specular reflector.

## Finish

Fine textured white polyester powder paint is standard.

## Electrical

Specify 120 volt, 277 volt or 347 volt. Pre-wired with 16 ga. fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included. C-UL label standard. Lamps included.

## Fixture Length

Nominal 4', 8', and 12' sections form row lengths. For total run length, add 1/16" for each flat end plate or 4" for each sculptured end cap. For longer run lengths, sections are attached using internal joiners.

## ORDERING LOGIC

Use guide below to order complete fixture runs from four feet (nominal) to one-hundred feet in increments of four. 2' and 3' sections available. For additional row length increments, consult factory for details.

FT								
Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Overall Row Length <sup>1</sup>	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules <sup>2</sup>
CRW1	1	32	WHR White Reflector (Standard)			120	GEB10 <10% THD ELECTRONIC	Blank No Emergency
	2		SPR Specular Reflector			277	ECO10 <sup>4</sup> Lutron ECO-10 dimming	
						347	TUDA <sup>4</sup> ULT (0-10v) dimming	1SE 1 Section
							Reference <a href="#">Ballast Chart</a> on website or consult factory for other options.	2SE 2 Sections
								XSE X Sections
Emergency Type <sup>2,3</sup>								
			Switching	Lamp Color	Finish	Options		
Blank No Emergency or Night Light			SCT Single Circuit	L/LP No Lamp	C110 Painted Silver to Match	DL Damp Location Label		
EL Emergency Battery Pack			DCT Dual Circuit	LP730 3000k 70+ CRI	Anodized Aluminum	DU Dust Cover		
EC Emergency/Night Light Circuit				LP735 3500k 70+ CRI	C210 Textured White White (Low Gloss)	ELH EM through wire w/separate feed		
EN Emergency Battery Pack with Night Light Circuit				LP741 4100k 70+ CRI	C099 Custom Color	ELS EM through wire w/single feed		
				LP830 3000k 80+ CRI		GLR Fusing (fast blow)		
				LP835 3500k 80+ CRI		GMF Fusing (slow blow)		
				LP841 4100k 80+ CRI		SCEP Sculptured End Cap		
				Reference <a href="#">Lamp Chart</a> on website or consult factory for other options.				

## Notes:

- Must be in 4' increments (consult factory for additional increments).
- Optional.
- EL and EC are installed in last 4' of fixture sections and are not available concurrently with each other. Separate feed required for each EL or EC unless ELH is specified.
- Not available in 347 volt.

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PHOTOMETRICS

Wall — Modular

CRW1

Type:

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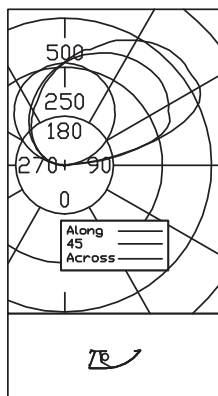
### 1-LAMP T8 WITH WHITE REFLECTOR

FAR-FIELD PHOTOMETRY

DATE: 6-13-2003

REPORT NUMBER: 5926

CATALOG NUMBER: CRW1-1-32-WHR  
LUMINAIRE: 7 5/8" W X 2 11/16" H ASYMMETRIC INDIRECT  
LIGHT WITH WHITE PAINTED REFLECTOR  
LAMP(S): 1-F32/SP35 RATED @ 2850 LUMENS  
BALLAST: M1-IN-T8-GP-J-120  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 30.9 AT 120.0 VOLTS  
THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.



CANDELA DISTRIBUTION	0.0	45.0	90.0	135.0	180.0	FLUX
90	0	0	0	0	0	82
85	70	99	19	28	28	245
105	475	461	107	82	86	341
115	758	591	202	135	134	360
125	798	636	289	193	184	348
135	798	654	364	253	237	300
145	763	647	425	314	292	231
155	704	624	469	374	345	145
165	624	591	500	436	417	50
175	563	549	518	496	488	
180	523	523	523	523	523	

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-90	0	0.0	0.0	0.0
90-120	649	22.8	31.2	29.4
90-130	1009	35.4	48.5	47.5
90-150	1656	58.1	79.5	79.4
90-180	2082	73.0	100.0	100.0

TOTAL LUMINAIRE EFFICIENCY = 73.0 %  
CIE TYPE - INDIRECT

APPROVED BY:



TESTED IN ACCORDANCE WITH IES PROCEDURES, TEST DISTANCE EXCEEDS 25.0 FEET

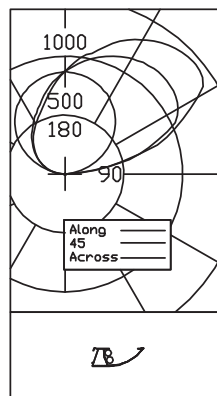
### 2-LAMP T8 WITH WHITE REFLECTOR

FAR-FIELD PHOTOMETRY

DATE: 6-13-2003

REPORT NUMBER: 5927

CATALOG NUMBER: CRW1-2-32-WHR  
LUMINAIRE: 7 5/8" W X 2 11/16" H ASYMMETRIC INDIRECT  
LIGHT WITH WHITE PAINTED REFLECTOR  
LAMP(S): 2-F32/SP35 RATED @ 2850 LUMENS  
BALLAST: M2-IN-T8-GP-J-120  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 54.9 AT 120.0 VOLTS  
THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.



CANDELA DISTRIBUTION	0.0	45.0	90.0	135.0	180.0	FLUX
90	0	0	0	0	0	95
95	132	149	31	51	51	370
105	653	652	175	142	150	554
115	1104	1033	331	224	226	627
125	1427	1146	477	309	303	596
135	1438	1174	603	395	379	510
145	1369	1154	706	482	456	388
155	1253	1098	781	572	532	242
165	1091	1021	835	690	643	83
175	951	924	859	814	796	
180	872	872	872	872	872	

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-90	0	0.0	0.0	0.0
90-120	1019	17.9	29.4	47.5
90-130	1646	28.9	48.3	79.4
90-150	2752	48.3	80.8	100.0
90-180	3465	60.8	100.0	100.0

TOTAL LUMINAIRE EFFICIENCY = 60.8 %  
CIE TYPE - INDIRECT

APPROVED BY:



TESTED IN ACCORDANCE WITH IES PROCEDURES, TEST DISTANCE EXCEEDS 25.0 FEET