

# Cerra®

## Indirect T5 / T5HO

Type:

Project:

## SPECIFICATIONS

Wall — Modular

CRW1

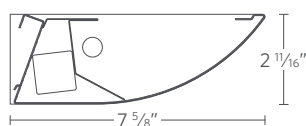
## CATALOG NUMBER

FTN

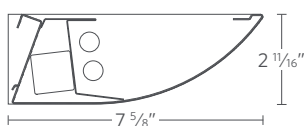
Examples: CRW1 1 54T5HO WHR 40FTN R12 277 GEB10 SCT LP835 C210 SCEP — CRW1 2 54T5HO SPR 32FTN R8 277 GEB10 1SE EL DCT LP835 C110

## AVAILABLE FIXTURES

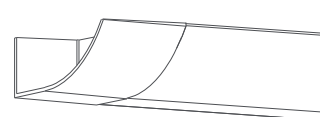
## □ CRW1 - 1



## □ 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.

## Fixture Length

Nominal 4', 8', and 12' sections form row lengths. Actual section length = 11 5/8" per nominal foot specified. 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.

2 and 3 sections available for additional row length. Maximum row length and column count vary by fixture. Consult factory for details.								
FTN								
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 2	54T5HO 28T5	WHR White Reflector (Standard) SPR Specular Reflector		R4 R8 R12	120 277 347	GEB10 <10% THD ELECTRONIC ADEZ <sup>4,5</sup> Advance Mark 10 dimming ECO10 <sup>4</sup> Lutron ECO-10 dimming OSDIM <sup>4,5</sup> Osram 0-10v dimming <i>Reference <a href="#">Ballast Chart</a> on website or consult factory for other options.</i>	Blank No Emergency 1SE 1 Section 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	LP830	3000k 80+ CRI	DU	Anodized Aluminum	DU Dust Cover
EC	Emergency/Night Light Circuit			LP835	3500k 80+ CRI	C210	Textured White White (Low Gloss)	ELH EM through wire w/separate feed
EN	Emergency Battery Pack with Night Light Circuit			LP841	4100k 80+ CRI	C099	Custom Color	ELS EM through wire w/single feed
				LP830P <sup>4</sup>	3000k 80+ CRI Premier Lamp			GLR Fusing (fast blow)
				LP835P <sup>4</sup>	3500k 80+ CRI Premier Lamp			GMF Fusing (slow blow)
				LP841P <sup>4</sup>	4100k 80+ CRI Premier Lamp			SCEP Sculptured End Cap
				<i>Reference <a href="#">Lamp Chart</a> on website or consult factory for other options.</i>				

## 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.
- Not available with 28T5 Lamp Type.
- Not available with 54T5HO Lamp Type.

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PHOTOMETRICS

Wall — Modular

CRW1

Type:

Project:

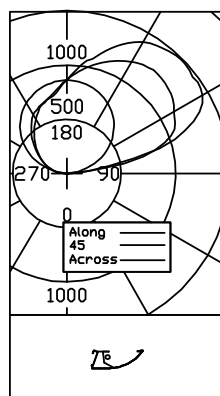
### 1-LAMP T5HO WITH WHITE REFLECTOR

FAR-FIELD PHOTOMETRY

DATE: 6-13-2003

REPORT NUMBER: 5925

CATALOG NUMBER: CRW1-1-54T5HO-WHR  
LUMINAIRE: 7 5/8" W X 2 11/16" H ASYMMETRIC INDIRECT  
LIGHT WITH WHITE PAINTED REFLECTOR  
LAMP(S): FP54/835/HO RATED @ 5000 LUMENS  
BALLAST: QT-1X54/120PHO  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 59.6 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	101
85	99	136	30	50	48	445
105	883	835	183	146	151	619
115	1350	1101	347	239	236	660
125	1469	1193	491	342	324	633
135	1486	1235	612	453	420	546
145	1441	1221	710	568	523	411
155	1326	1145	782	653	628	248
165	1132	1043	832	708	703	83
175	960	926	856	802	785	
180	865	865	865	865	865	

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-90	0	0.0	0.0	0.0
90-120	1166	23.3	31.1	
90-130	1826	36.5	48.7	
90-150	3005	60.1	80.2	
90-180	3747	74.9	100.0	

TOTAL LUMINAIRE EFFICIENCY = 74.9 %  
CIE TYPE - INDIRECT

APPROVED BY:



BARE LAMP LUMEN VALUE IS RATED AT LAMP OPERATING TEMPERATURE INSIDE THE LUMINAIRE.  
FOR DETAIL EXPLANATIONS, PLEASE SEE PEERLESS PUBLICATION # A62

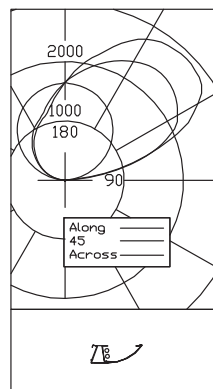
### 2-LAMP T5HO WITH WHITE REFLECTOR

FAR-FIELD PHOTOMETRY

DATE: 6-13-2003

REPORT NUMBER: 5884

CATALOG NUMBER: CRW1-2-54T5HO-WHR  
LUMINAIRE: 7 5/8" W X 2 11/16" H ASYMMETRIC INDIRECT LIGHT WITH  
WHITE PAINTED REFLECTOR  
LAMP(S): 2-FP54/835/HO RATED @ 5000 LUMENS  
BALLAST: QT-2X54/120PHO  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 120.2 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	178
85	235	278	62	62	63	711
105	1265	1293	336	240	230	1100
115	2299	2038	632	419	402	1238
125	2812	2302	901	594	556	1192
135	2903	2419	1138	778	728	1023
145	2841	2383	1339	948	896	764
155	2596	2225	1478	1085	1039	464
165	2194	2012	1576	1260	1178	157
175	1839	1775	1626	1516	1471	
180	1650	1650	1650	1650	1650	

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-90	0	0.0	0.0	0.0
90-120	1988	19.9	29.1	
90-130	3225	32.3	47.3	
90-150	5440	54.4	79.7	
90-180	6826	68.3	100.0	

TOTAL LUMINAIRE EFFICIENCY = 68.3 %  
CIE TYPE - INDIRECT

APPROVED BY:



BARE LAMP LUMEN VALUE IS RATED AT LAMP OPERATING TEMPERATURE INSIDE THE LUMINAIRE.  
FOR DETAIL EXPLANATIONS, PLEASE SEE PEERLESS PUBLICATION # A62