



# Lightedge®

## Indirect / Direct T5 / T5HO

Type:

Project:

## SPECIFICATIONS

Pendant Mount — Modular / 8" x 2" Shallow Angular

EGSAM4

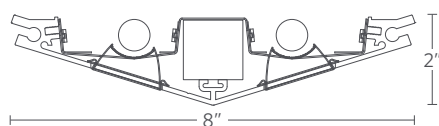
## CATALOG NUMBER

FT

Examples: EGSAM4 2 54T5HO 40FT R8 120 GEB10 2SE EL SCT LP835 F1/24 C100 — EGSAM4 2 54T5HO 32FT R8 277 GEB10 DCT L/LP F2/15 C100 ACG

## AVAILABLE FIXTURES

## EGSAM4 - 2



## SPECIFICATIONS

## Construction

Housing and endcap AA 6063 T6 extruded aluminum forming an 8" x 1 3/4" angular channel.

## Reflectors

Die-formed reflectors with baked white enamel finish (nominal reflectance 90%) and hammertone specular aluminum.

## Shielding

18" Parabolic semi-specular aluminum baffles with or without perforated shield. Four per 4-foot section.

## Finish

Satin anodized standard; custom colors available.

## Electrical

Specify 120 volt, 277 volt, or 347 volt. C-UL listed and labeled. For special circuiting, consult factory.

## Fixture Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total fixture length add 4" for each end-cap. Using internal joiners, 4' and 8' sections can be joined to form longer-length fixtures.

## ORDERING LOGIC

Use guide below to order complete fixture runs from four feet to one-hundred feet in increments of four.

FT									▶▶▶	
Fixture	# of Lamps in Cross Section	Lamp Type	Baffle	Nominal Row Length <sup>1</sup>	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules <sup>2</sup>		
EGSAM4	2	54T5HO 54W 4' T5HO 28T5 28W 4' T5	SSB Semi-Specular SSBP Semi-Specular w/ Perforated Shield		R4 4' section R8 8' section	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 1SE 1 section 2SE 2 sections XSE X sections		
▶▶										
/										
Emergency Type <sup>3</sup>	Switching	Lamp Color	Mounting Type	Overall Suspension	Finish	Options				
Blank	SCT Single Circuit	L/LP No Lamp	F1 T-Bar Ceiling	12 12" overall suspension	C100 Satin Anodized Finish (Standard)	ACG Adjustable Cable Grippers				
EL Emergency Battery Pack	DCT Dual Circuit	LP830 3000k 80+ CRI LP835 3500k 80+ CRI	(Universal Mounting Bracket)	15 15" overall suspension 18 18" overall suspension	APF Alternate Power Feed C099 Custom Color (consult factory)	CP Chicago Plenum				
EC Emergency Circuit		LP841 4100k 80+ CRI	F1A T-Bar Ceiling (UMB with Integrated J-Box)	21 21" overall suspension 24 24" overall suspension	C200 Peerless Standard White (Low Gloss)	DL Damp Location Label				
EN Emergency Battery Pack w/ Night Light Circuit		Available with T5 only LP830P <sup>6</sup> 3000k 80+ CRI Premier Lamp LP835P <sup>6</sup> 3500k 80+ CRI Premier Lamp LP841P <sup>6</sup> 4100k 80+ CRI Premier Lamp <i>Reference <a href="#">Lamp Chart</a> on website or consult factory for other options.</i>	F2 Hard Ceiling F4A Grid Ceiling IDS 15/16" F4B Grid Ceiling IDS 3/4" F4C Grid Ceiling IDS Screw Slot	XX XX" overall suspension	C005 Soft White (Low Gloss) C032 White White (Gloss) C041 White White (Low Gloss)	DU Dust Cover ELH EM Through wire w/ Separate Feed ELS EM Through Wire w/ Single Feed GLR Fusing (Fast blow) GMF Fusing (Slow Blow)				
Notes:										
1 Must be in 4' increments.				4 Not available in 347 volt.						
2 Sections per run; optional.				5 Not available with 28T5 Lamp Type.						
3 Optional. EL, EN and EC not available with DCT in 4' sections.				6 Not available with 54T5HO Lamp Type.						

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PHOTOMETRICS

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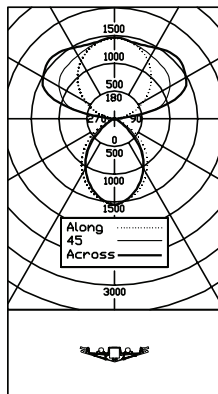
## 2-LAMP T5HO

FAR-FIELD PHOTOMETRY

DATE: 1-22-2003

REPORT NUMBER: 5776

CATALOG NUMBER: EGSAM4-2-54T5HO  
LUMINAIRE: 8" W X 1 3/4" H ALUMINUM INDIRECT/DIRECT LIGHT WITH WHITE  
PAINTED AND HAMMERTONE REFLECTOR AND Baffle  
LAMP(S): 2-FP54/835/HO RATED @ 5000 LUMENS  
BALLAST: QT 2X54/120PHO  
MOUNTING:  
LUMEN TO CANDELA RATIO USED = 9.15  
TOTAL INPUT WATTS = 120.5 AT 120.0 VOLTS  
THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.



CANDELA DISTRIBUTION				FLUX	
0.0	22.5	45.0	67.5	90.0	
0	1544	1544	1544	1544	143
5	1519	1523	1518	1512	390
15	1412	1394	1377	1370	546
25	1248	1213	1172	1156	588
35	1033	984	923	895	498
45	771	714	640	580	295
55	459	414	331	239	95
65	109	144	99	49	14
75	13	18	10	8	4
85	2	4	4	3	4
90	1	2	2	2	3
95	39	193	193	177	199
105	234	525	848	957	761
115	472	719	1071	1328	1004
125	710	867	1212	1448	1041
135	930	1011	1271	1501	973
145	1124	1157	1297	1454	821
155	1276	1284	1336	1404	623
165	1386	1386	1394	1406	395
175	1443	1450	1449	1452	138
180	1460	1460	1460	1460	

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1079	10.8	12.7
0-40	1667	16.7	19.6
0-60	2480	24.8	28.9
0-90	2573	25.7	30.2
90-120	1964	19.6	23.0
90-130	3004	30.0	35.2
90-150	4798	48.0	56.3
90-180	5954	59.5	69.8
0-180	8527	85.3	100.0

LUMINANCE DATA IN FOOTLAMBERTS			
ANGLE IN DEG	AVERAGE	AVERAGE	AVERAGE
0-DEG	17445.	12486.	9340.
45	12582.	7843.	4588.
65	3747.	3085.	909.
75	573.	443.	331.
85	94.	220.	220.

TOTAL LUMINAIRE EFFICIENCY = 85.3 %

CIE TYPE - SEM-INDIRECT

APPROVED BY:



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