

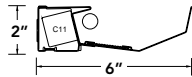


# HOT-5™

WITH T5 HIGH-OUTPUT LAMP

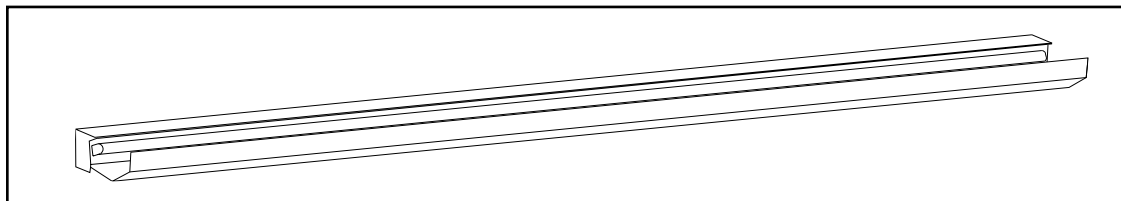
# COVE

## AVAILABLE FIXTURES



HCM5-1

## SPECIFICATIONS



### CONSTRUCTION

Housing pre-finished cold-rolled sheet steel forming a 6 3/32" x 1 7/8" rectangular channel.

### REFLECTORS

Die-formed, white reflector with a minimum 85% reflectance. Optical system includes micro-prismatic, 100% virgin acrylic specular diffusing optical lens.

### ELECTRICAL

Specify 120 volt or 277 volt. Pre-wired with prescribed circuits as specified. UL listed. Listed and labeled to comply with Canadian standards. For special circuiting, consult factory. T5 high-output lamps are included.

### FIXTURE LENGTH

Available in nominal 2', 3', 4', and 8' sections only. Consult factory for additional lengths.

## ORDERING LOGIC

Use guide below to order complete fixture run(s) of any length.

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length <sup>1</sup>	Maximum Section Length	Voltage	Ballast Type	# of Emergency/Night Light Sections <sup>2</sup>	Emergency/Night Light Type <sup>2,3</sup>	Switching	Lamp Color	Mounting Type	Feed/Suspension Lengths	Options
HCM5	1	24T5HO 39T5HO 54T5HO	FT	R4 R8 R12	120 277 347		HCM5		SCT - Single Circuit DCT - Dual Circuit			/		
				GEB10 - <10% THD Ballast (consult factory for dimming options)			Blank - No Emergency 1SE - 1 Section 2SE - 2 Sections XSE - X Sections		Blank - No Emergency or Night Light EL - Emergency Battery Pack EC - Emergency/Night Light Circuit EN - Emergency Battery Pack with Night Light Circuit		L/LP - No lamps LP830 - 3000°K, 80+CRI LP835 - 3500°K, 80+CRI LP841 - 4100°K, 80+CRI			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:

- Must be in 4' 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.

### EXAMPLE:

Qty Fixture section

- 4 HCM5 1 39T5HO U3 120 GEB10 LP835 GLR
- 1 HCM5 1 54T5HO U8 277 GEB10 EC L/LP



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## T5 HIGH-OUTPUT PHOTOMETRIC REPORT HCM5-1

### FAR-FIELD PHOTOMETRY

REPORT NUMBER: 4052 DATE: 4-15-1998

CATALOG NUMBER: HCM5-1

LUMINAIRE: 6 1/2" W X 2" H RECTANGULAR ASYMMETRIC UPLIGHT WITH WHITE

PAINTED REFLECTOR AND KICKER LENS

LAMP(S): F054W/B40 RATED @ 5000 LUMENS

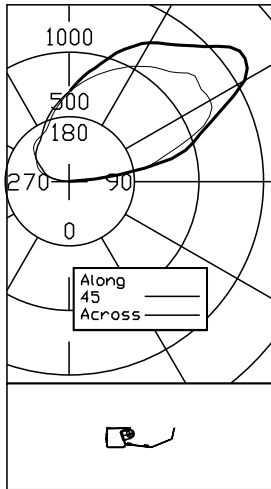
BALLAST: OSRAM QT 1X54/277PHO

MOUNTING:

LUMEN TO CANDELA RATIO USED = 9.15

TOTAL INPUT WATTS = 59.0 AT 277.0 VOLTS

THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.



CANDELA DISTRIBUTION					FLUX
	0.0	45.0	90.0	135.0	180.0
90	0	0	0	0	0
95	189	236	19	70	78
105	927	758	136	184	207
115	1285	1194	266	239	277
125	1657	1241	380	320	323
135	1475	1189	481	359	392
145	1299	1084	562	394	413
155	1151	969	622	468	434
165	947	858	665	558	526
175	778	747	687	649	636
180	698	698	698	698	698

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-90	0	0.0	0.0
90-120	1205	24.1	34.4
90-130	1871	37.4	53.4
90-150	2903	58.1	82.9
90-180	3501	70.0	100.0
0-180	3501	70.0	100.0

TOTAL LUMINAIRE EFFICIENCY = 70.0 %  
CIE TYPE - INDIRECT

APPROVED BY:



TESTED IN ACCORDANCE WITH IES PROCEDURES, TEST DISTANCE EXCEEDS 25.0 FEET  
NEAR-FIELD PHOTOMETRY AND CU TABLE AVAILABLE UPON REQUEST

## PERFORMANCE SUMMARIES

### 1-LAMP

% Luminaire Lumens from	90°-120°	34%
	90°-130°	53%
	90°-150°	82%
Maximum Intensity Location	120°-130°	
Luminaire Efficiency	70%	

PC-2

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ITEM #: