CYLINDRIX MULTIPLE SEMI-RECESSED 1 LIGHT

CYLSR-1
1LT T4GU6.5

APPLICATION:
Accent and display lighting for retail, commercial and hospitality environments

CONSTRUCTION:
Stamped steel mounting frame with integral mounting bars
Thermally protected
Steel ballast housing
Electronic ballast
Steel upper housing and laser cut trim ring
Die-cast lamp housing
Formed aluminum yoke
GU6.5 TAL pulse rated socket
Powder coat paint

OPTICS:
0-50° tilt, 360°+ rotation
Available in a variety of beam spreads featuring Amerlux optics specifically designed for the CMH T4GU6.5 lamp
Available in custom tints to tune beam to provide incandescent-like hue

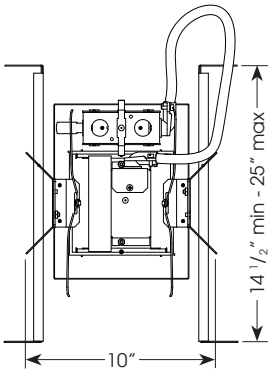
MOUNTING:
For use in T-grid or sheet rock ceilings

LABELING:
cUL listed
Damp location

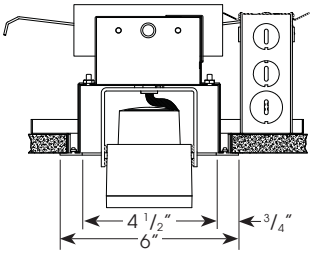
LAMPING:
CMH T4GU6.5 base, 15w (SYLVANIA METALARC® POWERBALL®), 20w and 39w

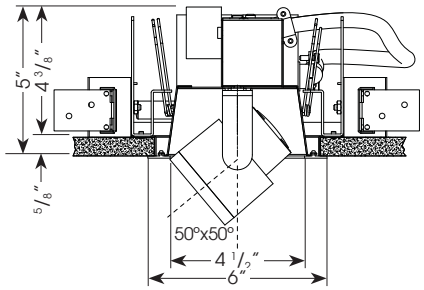
PROJECT:

TYPE:



Ceiling Cut Out Dimension: 5 9/16" x 5 9/16"





ELECTRICAL

	Lamping					
	15w		20w		39w	
Ballast	Input Watts	Amps*	Input Watts	Amps*	Input Watts	Amps*
Electronic 120v	18	.15	24	.20	45	.40
277v	18	.07	24	.09	44	.16

*data is for open circuit current
CMH T4GU6.5 base metal halide, 15w, 20w and 39

Amerlux reserves the right to change details that do not affect overall function and performance.

ORDERING INFORMATION:

Model	# Lamps	Wattage	Lamp Type	Ballast	Housing/Head Finish	Voltage	Beam Spread	Trim Ring Finish	Options/ Accessories
CYLSR	1	15 20 39	T4GU6.5	E - electronic	WT - white texture BT - black texture ST - silver texture __ - _____ (other RAL)	120 277	CL - spot, 12° NF - narrow flood, 18° FL - flood, 25° FL-UBP - flood ultra brite polish, 25° WF - wide flood, 40° SL - linear spread lens, 5° x 55°	WT - white texture	GOLD - ferric gold optic reflector DB2690 - DB2690 optic reflector HEX - hexcell louver SN - snoot (1/2" length standard), specify color (WT, BT, ST) CB - cross blade, specify color (BT), black texture standard

Example: CYLSR-1-20-T4GU6.5-E-WT-120-NF-WT

Note: Cross Blade requires snoot be specified.

Cat #:

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GLOBAL LIGHTING SOLUTIONS

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TYPE:

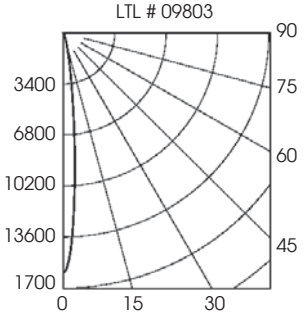
FIXTURE DATA: Test run with standard clear reflector. For gold multiply by 0.9
For 15w data multiply by .75; For 39w data multiply by 2.1

Complete photometric data (ies format) available upon request.

Note: Data is for 1 lamp

20W T4GU6.5 MH

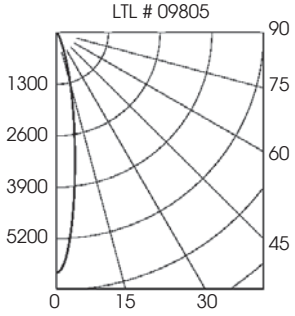
SPOT (CL) 12° DISTRIBUTION
LTL # 09803



Candelas at Nadir

Deg	Candela
0	15984
5	8381
15	821
25	189
35	123
45	40

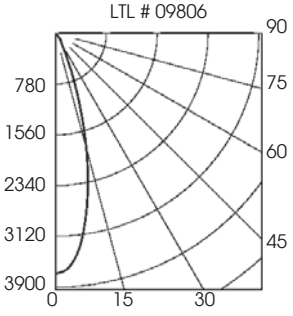
NARROW FLOOD (NF) 18° DISTRIBUTION
LTL # 09805



Candelas at Nadir

Deg	Candela
0	6063
5	4645
15	1332
25	328
35	123
45	52

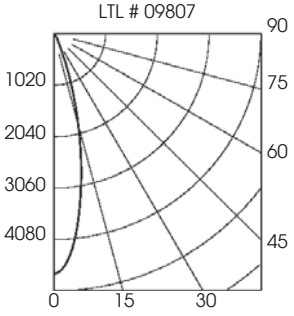
FLOOD (FL) 25° DISTRIBUTION
LTL # 09806



Candelas at Nadir

Deg	Candela
0	3692
5	3467
15	1821
25	419
35	135
45	40

FLOOD ULTRA BRITE POLISH (FL-UBP) 25° DISTRIBUTION
LTL # 09807

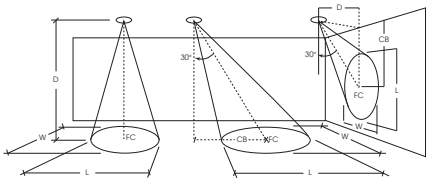


Candelas at Nadir

Deg	Candela
0	4768
5	4253
15	1862
25	366
35	124
45	32

APPLICATION DATA:

Notes and Definitions:
Beam spread is to 50% center beam candlepower (CBCP).
D=Distance to floor or wall.
FC=Footcandles on floor or wall at center beam aiming location.
L=Effective Visual Beam length in feet (50% of maximum footcandle level).
W=Effective Visual Beam width in feet (50% of maximum footcandle level).
CB=Distance across or down to center beam location.



	0° Aiming Angle Horizontal Footcandles				30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles					60° Aiming Angle Vertical Footcandles				
	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
SPOT	5.0′	609	1.1	1.1	5.0′	373	1.2	1.1	3.0	3.0′	223	2.1	1.1	4.8	3.0′	1082	0.7	0.6	1.8
	7.5′	271	1.4	1.4	7.5′	168	2.0	1.6	4.0	4.0′	124	2.8	1.5	6.7	4.0′	619	0.9	0.8	2.2
	10.0′	152	1.8	1.8	10.0′	93	2.6	2.3	6.0	5.0′	81	3.5	1.8	8.2	5.0′	392	1.3	1.1	2.7
	12.5′	97	2.4	2.4	12.5′	63	3.2	2.8	7.0	6.0′	56	4.2	2.2	9.8	6.0′	267	1.5	1.4	3.3
NARROW FLOOD	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
	5.0′	243	1.5	1.5	5.0′	148	2.2	1.8	3.0	3.0′	97	3.2	1.8	4.2	3.0′	431	1.2	1.1	1.7
	7.5′	108	2.3	2.3	7.5′	70	3.1	2.7	4.0	4.0′	55	4.3	2.3	5.7	4.0′	247	1.6	1.5	2.2
	10.0′	61	3.1	3.1	10.0′	38	4.3	3.6	5.0	5.0′	35	5.3	2.8	7.2	5.0′	158	2.0	1.8	2.7
	12.5′	39	3.8	3.8	12.5′	25	5.1	4.4	7.0	6.0′	25	6.4	3.5	8.7	6.0′	110	2.4	2.1	3.2
FLOOD	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
	5.0′	148	2.6	2.6	5.0′	98	3.1	2.8	2.0	3.0′	80	3.4	2.4	3.7	3.0′	277	1.9	1.7	1.3
	7.5′	66	3.7	3.7	7.5′	45	4.7	4.3	4.0	4.0′	46	4.4	3.1	4.8	4.0′	159	2.4	2.2	1.8
	10.0′	37	5.0	5.0	10.0′	26	6.0	5.5	5.0	5.0′	29	5.6	4.0	5.6	5.0′	102	3.0	2.8	2.3
	12.5′	24	6.2	6.2	12.5′	17	7.6	6.7	6.0	6.0′	20	6.7	4.7	7.2	6.0′	71	3.6	3.3	2.7
FLOOD UBP	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
	5.0′	191	2.2	2.2	5.0′	119	2.9	2.6	3.0	3.0′	93	3.4	2.2	3.7	3.0′	340	1.7	1.5	1.8
	7.5′	85	3.3	3.3	7.5′	57	4.1	3.7	4.0	4.0′	52	4.5	2.9	5.3	4.0′	196	2.2	2.0	2.2
	10.0′	48	4.3	4.3	10.0′	32	5.4	4.9	5.0	5.0′	33	5.6	3.6	6.2	5.0′	127	2.8	2.5	2.8
	12.5′	31	5.4	5.4	12.5′	20	6.8	6.1	6.0	6.0′	23	6.7	4.4	7.8	6.0′	88	3.3	3.0	3.3