CYLINDRIX SURFACE CANOPY

CYLSC
CDM-Tm

PROJECT:

TYPE:

APPLICATION:
Accent and display lighting for Retail, Commercial and Hospitality environments

CONSTRUCTION:
Die-cast lens holder and lamp housing
Formed aluminum ballast housing and yoke
PGJ5 pulse rated socket
Integral single pole on/off switch
Powder coat paint

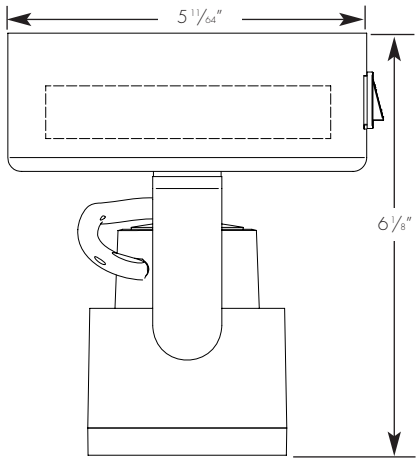
OPTICS:
0-90° tilt, 360° rotation
Amerlux optics specifically designed for the CDM-Tm Mini MasterColor® lamp
Available in custom tints to tune beam to provide incandescent-like hue

MOUNTING:
Canopy attaches to 4" octagonal junction box

LABELING:
cUL listed

ACCESSORIES:
Snoot: Spun aluminum ½" length standard
Painted finish

Cross Blade: Stamped steel painted black
Cross blade sits in snoot which must be ordered when using cross blade



ecoTECTURAL
Architectural lighting for sustainable design.

ELECTRICAL

Ballast		Lamping 20w Input watts	20w Amps*	39w Input watts	39w Amps*
Electronic	120v	26	0.23	45	0.40
	277v	26	0.12	45	0.20

*Data is for open circuit current
CDM-Tm PGJ5 base metal halide, 20w and 39w

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

AMERLUX® LIGHTING SOLUTIONS
ADAPT. ABILITY.™

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Ballast	Finish	Voltage	Beam Spreads	Options/ Accessories
CYLSC	20 39	MM - CDM-Tm Mini MasterColor®	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 polished, 25° WF - wide flood, 40° SL - linear spread lens, 5° x 55°	GOLD - ferric gold optic reflector DB2690 - 2690° K custom tint HEX - hexcell louver SN - snoot (½" length standard), specify color (WT, BT, ST) CB - cross blade, specify color (BT), black standard

Example: CYLSC-20-MM-E-WT-120-FL

Cat #:

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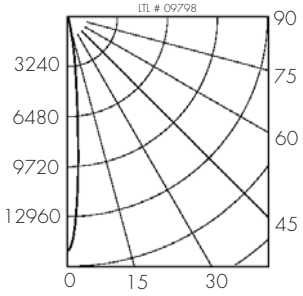
FIXTURE DATA:

Test run with standard clear reflector. For gold, multiply by 0.9
For 39w data, multiply by 1.8

Complete photometric data (.ies format) available upon request.

20W CDM-Tm MH

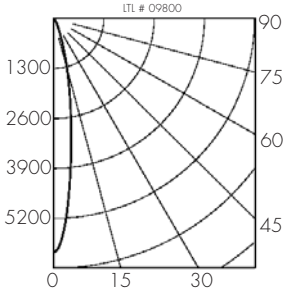
Spot (CL) Distribution
LTL # 09798



Candelas at Nadir

Deg	Candela
0	16360
5	8464
15	764
25	194
35	115
45	38

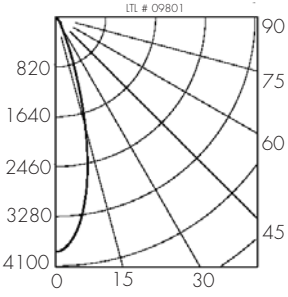
Narrow Flood (NF) Distribution
LTL # 09800



Candelas at Nadir

Deg	Candela
0	6080
5	4562
15	1338
25	335
35	128
45	57

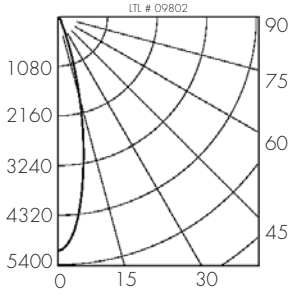
Flood (FL) Distribution
LTL # 09801



Candelas at Nadir

Deg	Candela
0	3864
5	3593
15	1864
25	390
35	139
45	37

Flood Ultra Brite Polished (FL-UBP) Distribution
LTL # 09802

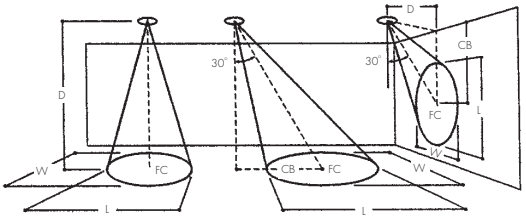


Candelas at Nadir

Deg	Candela
0	5093
5	4544
15	1828
25	324
35	128
45	31

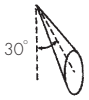
APPLICATION DATA:

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′	654	1.1	1.1	5.0′	401	1.3	1.2	3.0	3.0′	240	2.1	1.0	4.8	3.0′	1163	0.7	0.6	1.7
	7.5′	291	1.4	1.4	7.5′	181	2.0	1.5	4.0	4.0′	133	2.8	1.5	6.2	4.0′	665	1.0	0.8	2.2
	10.0′	164	1.8	1.8	10.0′	100	2.6	2.1	6.0	5.0′	87	3.4	1.8	8.3	5.0′	422	1.3	1.0	2.7
	12.5′	105	2.4	2.4	12.5′	68	3.1	2.8	7.0	6.0′	61	4.1	2.1	9.8	6.0′	288	1.5	1.3	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	1.7	3.0	3.0′	96	3.2	1.8	4.7	3.0′	432	1.2	1.1	1.7
	7.5′	108	2.3	2.3	7.5′	70	3.1	2.7	4.0	4.0′	54	4.3	2.3	6.3	4.0′	247	1.6	1.4	2.3
	10.0′	61	3.1	3.1	10.0′	37	4.3	3.6	5.0	5.0′	35	5.3	2.9	7.7	5.0′	158	2.0	1.8	2.8
	12.5′	39	3.7	3.7	12.5′	25	5.0	4.4	7.0	6.0′	24	6.4	3.5	9.2	6.0′	109	2.4	2.1	3.3
FLOOD	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
	5.0′	155	2.5	2.5	5.0′	102	3.1	2.8	2.0	3.0′	84	3.3	2.4	3.7	3.0′	289	1.9	1.7	1.3
	7.5′	69	3.7	3.7	7.5′	47	4.6	4.2	4.0	4.0′	48	4.3	3.1	4.8	4.0′	165	2.4	2.2	1.8
	10.0′	39	5.0	5.0	10.0′	27	6.0	5.5	5.0	5.0′	30	5.5	3.9	5.7	5.0′	106	3.0	2.8	2.3
	12.5′	25	6.2	6.2	12.5′	17	7.5	6.5	6.0	6.0′	21	6.8	4.9	7.2	6.0′	74	3.6	3.3	2.8
FLOOD w/UBP	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
	5.0′	202	2.1	2.1	5.0′	127	2.8	2.5	3.0	3.0′	98	3.3	2.2	3.8	3.0′	364	1.7	1.5	1.8
	7.5′	90	3.2	3.2	7.5′	61	3.9	3.6	4.0	4.0′	55	4.4	2.8	5.3	4.0′	209	2.1	1.9	2.2
	10.0′	51	4.2	4.2	10.0′	34	5.3	4.7	5.0	5.0′	35	5.5	3.4	6.7	5.0′	135	2.7	2.4	2.7
	12.5′	33	5.2	5.2	12.5′	22	6.6	5.9	6.0	6.0′	25	6.6	4.2	7.7	6.0′	94	3.2	2.9	3.2