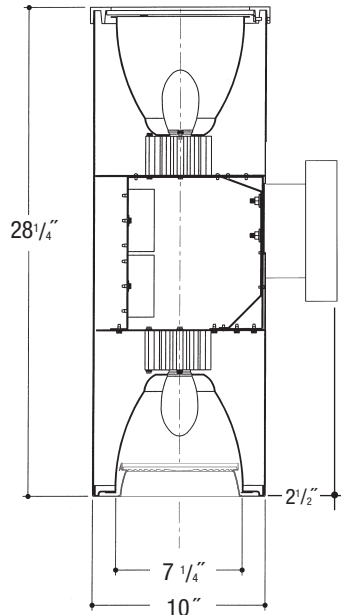


Architectural Cylinders

Job Name _____

Type _____



**10"x28"
LENSED
UP/DOWN HID**

VW1028MHEU /D – Wall Mount

Cylinder – HID (ED17; PAR38; PAR30 Enclosed Rated* Lamp). *Note: 'Enclosed Fixture Rated' lamp must be used. Specular Clear "Alzak" Reflector Lensed

Catalog Number

VW1028MHE	U _____	/D _____	_____	_____	_____	_____	_____	_____
	Up Wattage	Down Wattage	Ballast	Voltage	Finish	Splay	Lens	Options
	150W MAX. PAR38, ED17	150W MAX. PAR38, ED17	E	1	WHT	SCL	11	QR
	100W PAR38, ED17	100W PAR38, ED17		2	BLK	SGO	14	QS
	70W PAR30, ED17	70W PAR30, ED17		3	BZ	WHT	16	WL
	50W PAR30, ED17	50W PAR30, ED17		4	CS			

For PAR Lamp – Replace VW1028MHE with VW1028MHEP

HPS – Replace MH with HPS – VW1028HPSE

HPS – High Pressure Sodium available up to 150 Watt.

Specifications

Housing – .064" thick spun aluminum cylinder. Polyester powdercoat exterior finish with factory standard finishes of White (WHT), Black (BLK), Bronze (BZ), Camero Silver (CS).

Socket – Open Rated, Pulse Rated, 4KV, medium base porcelain with nickel plated brass screw shell. *UL Listed.*

Ballast – 50/60Hz Multi-tap electronic ballast to operate from range of 120V to 277V +/- 10%. Minimum starting temperature of -30°C/-20°F. *UL Listed* component.

Reflector – Heavy gauge hand spun aluminum reflector with a specular clear "Alzak" finish and white splay/lens holder. (Factory Standard)

Pendant – Pendant mount accepts slope ceilings with a 45° swivel adjustment. L* – Factory Standard stem length is 12".

Wall Bracket – Cast Aluminum Construction.

Voltage

1	120 Volt
2	277 Volt
3	347 Volt
4	208 Volt

Ballast

E Electronic

Splay/Lens Options ▲

SCL	Specular Clear "Alzak"
SGO	Specular Gold "Alzak"
WHT	White Finish
11	Tempered Clear Lens
14	Tempered C73 Prismatic Lens
16	Tempered Fresnel Lens

Options ▲

QR	Quartz Restrike
QS	Quartz Socket
WL	Sealed and Gasketed Uplight Lens

Features

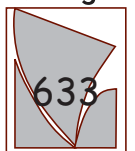
Manufactured and Listed to UL 1598, ETL and CSA standards.
Suitable for Damp Locations
Wet location under covered ceiling
Suitable for Wet Locations



▲ See Options and Finishes pages for a list of additional finishes and equipment.

Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.

Vantage



Luminaires

76 Community Avenue Plainfield, CT 06374
voice (860)564.4512 fax (860)564.4854
www.vantageitg.com

02/10

Photometric Information

Product Number: VW1028MHEU70/D70E1-SCL/14

Cylinder: 10"x28", Vertical Mount Metal Halide

Reflector: 8" Vertical Clear "Alzak" Reflector with prismatic glass lens and white splay

LTL Test Number: 07052

Lamp(s) Source: (1) 70W ED17 coated Metal Halide rated at 5800 lumens

Total Luminaire Efficiency: 49.2%

CIE Type: Direct

Luminaire Spacing Criterion: 0.8

Luminous Diameter: 7.250

Zonal Lumen Summary

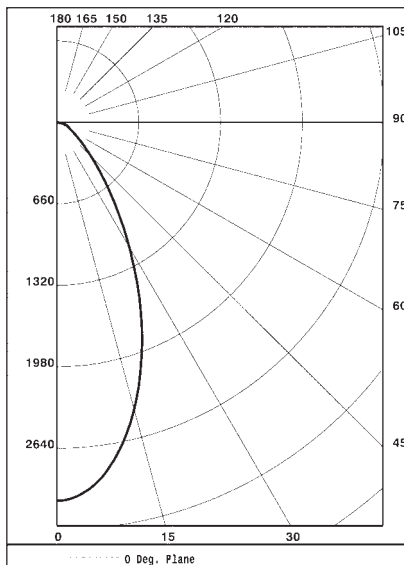
ZONE	LUMENS	%LAMP	%FIXTURE
0- 30	1669	28.8	58.5
0- 40	2189	37.7	76.8
0- 60	2665	45.9	93.4
0- 90	2852	49.2	100.0
90-180	0	0.0	0.0
0-180	2852	49.2	100.0

Cone of Light

Ft. Below	Fc Nadir	Dia @50%
6.0	85.1	4.7
8.0	47.9	6.2
10.0	30.6	7.8
12.0	21.3	9.3
14.0	15.6	10.9
16.0	12.0	12.5

Coefficients of Utilization

RC	80			70			50			30			10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	59	59	59	59	57	57	57	57	55	55	55	52	52	52	50	50	50	49
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Product Number: VW1028MHEU70/D70E1-SCL/16

Cylinder: 10"x28", Vertical Mount Metal Halide

Reflector: 8" Vertical Clear "Alzak" Reflector with fresnel glass lens and specular clear "Alzak" splay

LTL Test Number: 06257

Lamp(s) Source: (1) 70W ED17 clear Metal Halide rated at 5000 lumens

Total Luminaire Efficiency: 48.4%

CIE Type: Direct

Luminaire Spacing Criterion: 0.2

Luminous Diameter: 7.375

Zonal Lumen Summary

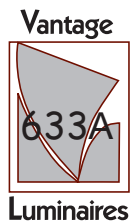
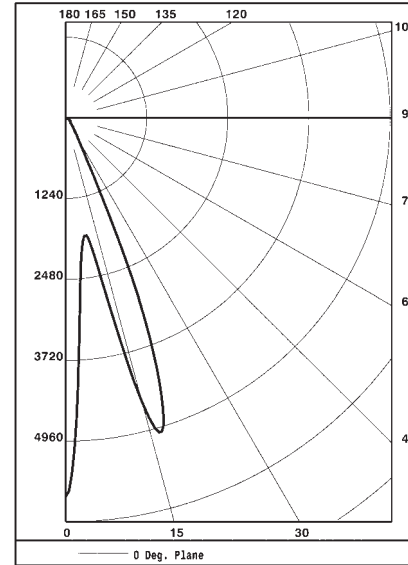
ZONE	LUMENS	%LAMP	%FIXTURE
0- 30	2070	41.4	85.5
0- 40	2221	44.4	91.7
0- 60	2382	47.6	98.4
0- 90	2421	48.4	100.0
90-180	0	0.0	0.0
0-180	2421	48.4	100.0

Cone of Light

Ft. Below	Fc Nadir	Dia @50%
6.0	161.5	0.9
8.0	90.8	1.2
10.0	58.1	1.6
12.0	40.4	1.9
14.0	29.7	2.2
16.0	22.7	2.5

Coefficients of Utilization

RC	80			70			50			30			10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	58	58	58	58	56	56	56	56	54	54	54	52	52	52	49	49	49	48
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Photometric Information

Product Number: VW1028MHEU100/D100E1-SCL/14

Cylinder: 10"x28", Vertical Mount Metal Halide

Reflector: 8" Vertical Clear "Alzak" Reflector with prismatic glass lens and specular clear "Alzak" splay

LTL Test Number: 06259

Lamp(s) Source: (1) 100W ED17 clear Metal Halide rated at 7800 lumens

Total Luminaire Efficiency: 38.6%

CIE Type: Direct

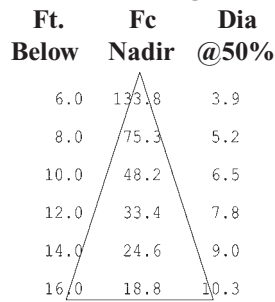
Luminaire Spacing Criterion: 0.6

Luminous Diameter: 7.375

Zonal Lumen Summary

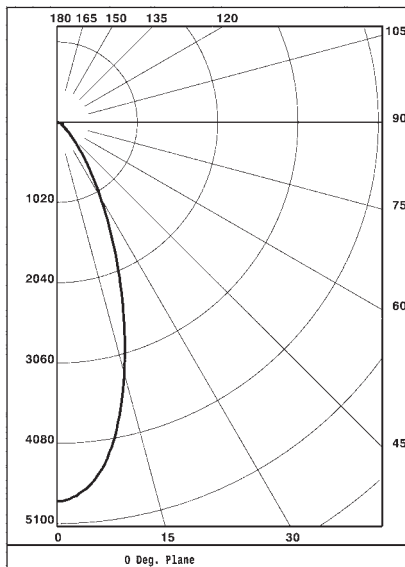
ZONE	LUMENS	%LAMP	%FIXTURE
0- 30	2121	27.2	70.3
0- 40	2569	32.9	85.2
0- 60	2897	37.1	96.1
0- 90	3014	38.6	100.0
90-180	0	0.0	0.0
0-180	3014	38.6	100.0

Cone of Light



Coefficients of Utilization

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	46	46	46	46	45	45	45	45	43	43	43	41	41	41	39	39	39	39	39	39	39
1	44	43	42	41	43	42	41	41	41	40	39	39	39	38	38	37	36	36	36	36	36
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Product Number: VW1028MHEU100/D100E1-SCL/16

Cylinder: 10"x28", Vertical Mount Metal Halide

Reflector: 8" Vertical Clear "Alzak" Reflector with fresnel glass lens and specular clear "Alzak" splay

LTL Test Number: 06260

Lamp(s) Source: (1) 100W ED17 clear Metal Halide rated at 7800 lumens

Total Luminaire Efficiency: 38.7%

CIE Type: Direct

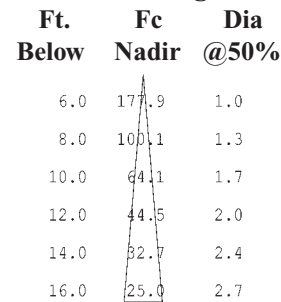
Luminaire Spacing Criterion: 0.2

Luminous Diameter: 7.375

Zonal Lumen Summary

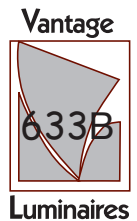
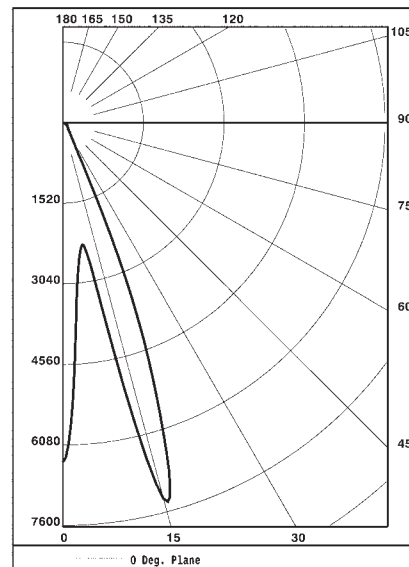
ZONE	LUMENS	%LAMP	%FIXTURE
0- 30	2581	33.1	85.5
0- 40	2726	35.0	90.3
0- 60	2915	37.4	96.5
0- 90	3020	38.7	100.0
90-180	0	0.0	0.0
0-180	3020	38.7	100.0

Cone of Light



Coefficients of Utilization

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	46	46	46	46	45	45	45	45	43	43	43	41	41	41	40	40	40	39	39	39	39
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Photometric Information

Product Number: VW1028MHEU150/D150E1-SCL/14

Cylinder: 10"x28", Vertical Mount Metal Halide

Reflector: 8" Vertical Clear "Alzak" Reflector with prismatic glass lens and specular clear "Alzak" splay

LTL Test Number: 06262

Lamp(s) Source: (1) 150W ED17 clear Metal Halide rated at 11,500 lumens

Total Luminaire Efficiency: 30.5%

CIE Type: Direct

Luminaire Spacing Criterion: 0.7

Luminous Diameter: 7.375

Zonal Lumen Summary

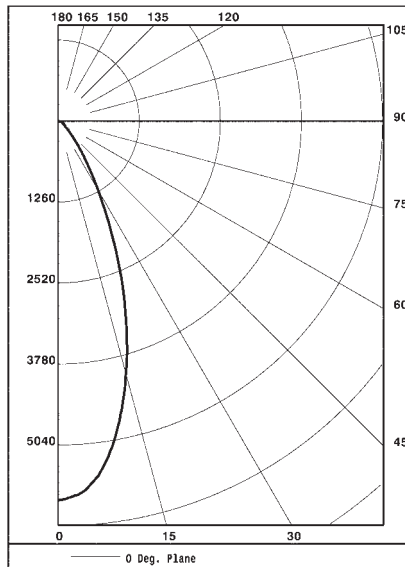
ZONE	LUMENS	%LAMP	%FIXTURE
0- 30	2583	22.5	73.7
0- 40	3060	26.6	87.4
0- 60	3383	29.4	96.6
0- 90	3502	30.5	100.0
90-180	0	0.0	0.0
0-180	3502	30.5	100.0

Cone of Light

Ft. Below	Fc Nadir	Dia @50%
6.0	163.8	3.9
8.0	92.1	5.2
10.0	59.0	6.5
12.0	41.0	7.8
14.0	30.1	9.1
16.0	23.0	10.4

Coefficients of Utilization

RC	80				70				50				30				10				0											
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
0	36	36	36	36	35	35	35	35	34	34	34	32	32	32	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30		
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Product Number: VW1028MHEU150/D150E1-SCL/16

Cylinder: 10"x28", Vertical Mount Metal Halide

Reflector: 8" Vertical Clear "Alzak" Reflector with fresnel glass lens and specular clear "Alzak" splay

LTL Test Number: 06263

Lamp(s) Source: (1) 150W ED17 clear Metal Halide rated at 11,500 lumens

Total Luminaire Efficiency: 29.7%

CIE Type: Direct

Luminaire Spacing Criterion: 0.2

Luminous Diameter: 7.375

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIXTURE
0- 30	2831	24.6	83.0
0- 40	3002	26.1	88.0
0- 60	3263	28.4	95.6
0- 90	3413	29.7	100.0
90-180	0	0.0	0.0
0-180	3413	29.7	100.0

Cone of Light

Ft. Below	Fc Nadir	Dia @50%
6.0	360.4	1.0
8.0	202.7	1.3
10.0	129.8	1.6
12.0	90.1	1.9
14.0	66.2	2.3
16.0	50.7	2.6

Coefficients of Utilization

RC	80				70				50				30				10				0											
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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