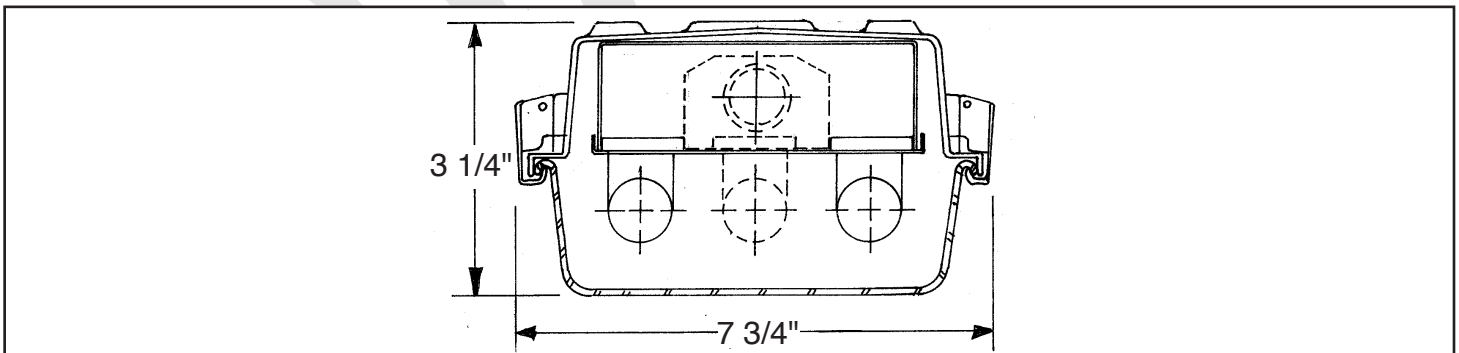
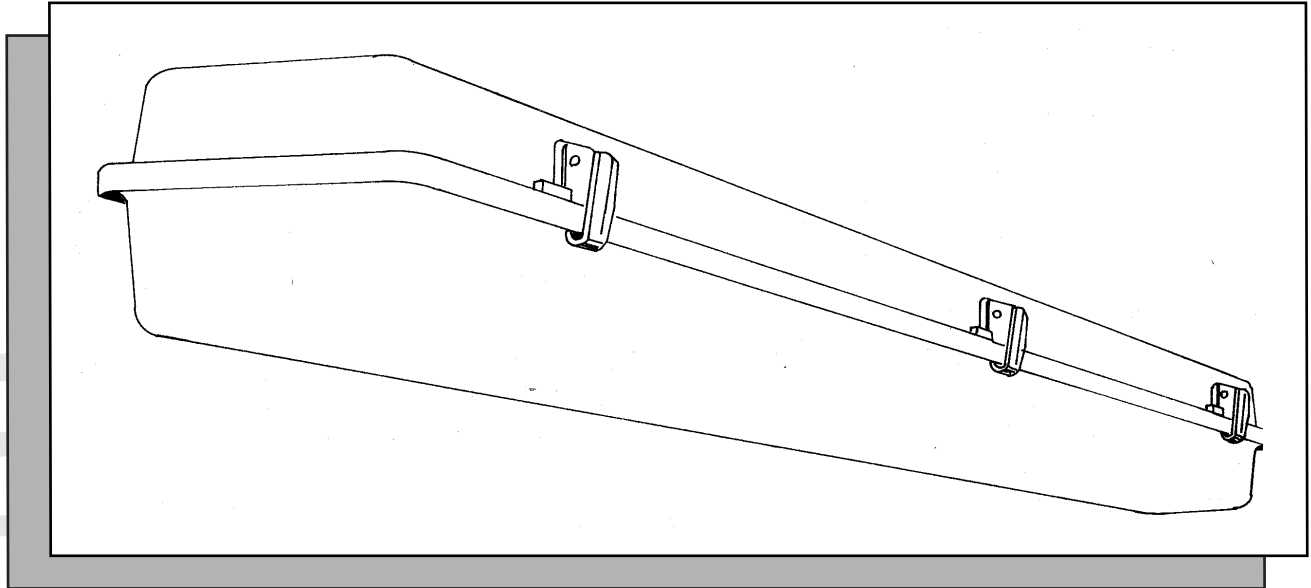
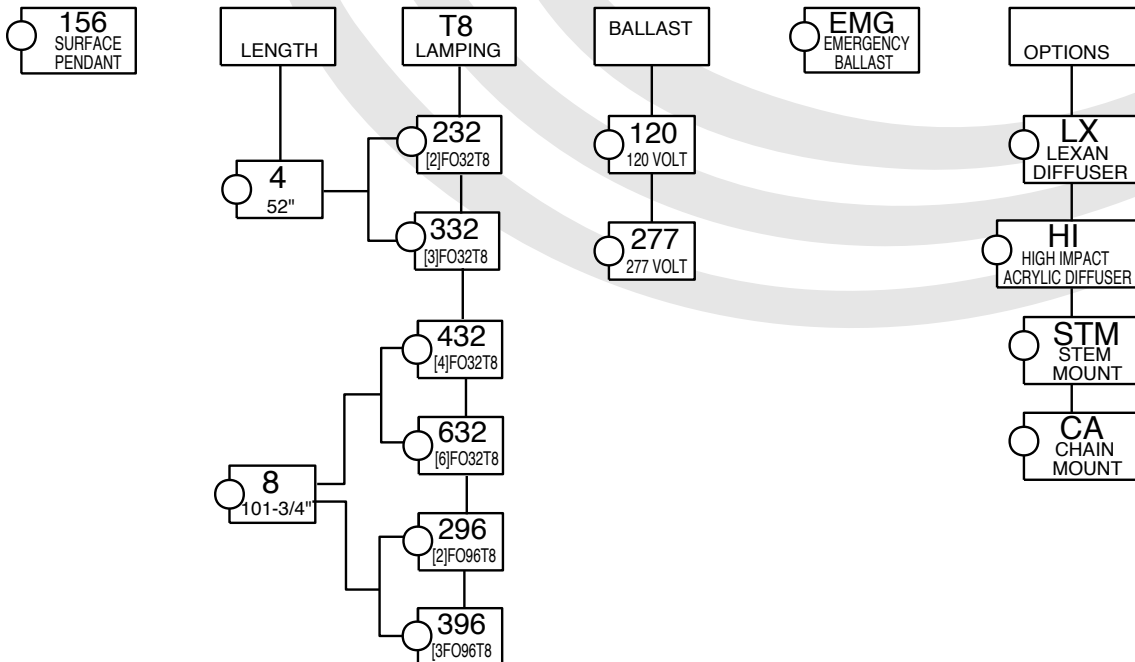


156 WEATHERALL SERIES

VAPOR/MOISTURE RESISTANT



ORDERING DATA



Specifications

DESCRIPTION: Weather and dust proof luminaire make it ideal for outdoor and clean room applications.

HOUSING: Rigid 1 piece polyester fiberglass, no seams or sharp edges. Resistant to impact, harsh weather and outdoor elements. Self extinguishing ASTM 635-56D materials.

SHIELDING: Clear acrylic plastic seated against gasket and locked in place with 4 cam type latches. High impact acrylic or polycarbonate available. Consult factory for options not listed.

BALLAST: Electronic T8, Class "P", CBM-ETL certified. Consult factory for magnetic T12 ballast

FINISH: All steel parts are treated with the HASCO "Perm-O-Last" multi-stage rust inhibitive process. Standard finish is a durable baked white enamel with a minimum reflectance of 90%. Consult factory for other colors and finishes. Fixture is post painted.

LABELING: All HASCO fixtures are U.L. approved and IBEW union made.

PHOTOMETRICS: 156 WEATHERALL SERIES

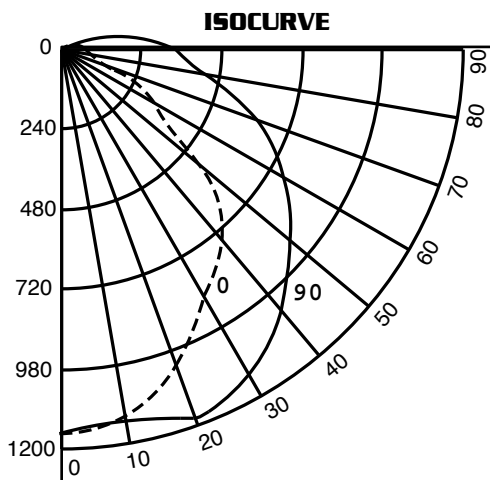
COEFFICIENTS OF UTILIZATION, ZONAL CAVITY METHOD
EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

CEILING WALL	80			50			10		
RCR	50	30	10	50	30	10	50	30	10
0									
1	72	68	65	64	61	59	55	53	52
2	62	56	50	55	50	46	47	44	41
3	54	47	41	48	43	38	36	32	29
4	47	40	35	42	37	32	32	28	24
5	41	34	29	37	31	27	29	24	21
6	37	30	25	33	27	23	26	22	18
7	33	26	21	30	24	20	26	22	18
8	30	23	18	27	21	17	23	19	16
9	27	20	16	24	19	15	21	17	14
10	24	18	14	22	17	13	19	15	12

Luminaire: Molded Fiberglass
Ballast: Valmont E232P1120G01
Lamping: [2] F032T8 @2900 lumens
Mounting: Surface

HASCO File #60588/ITL
Prepared by: P. Marshall
Catalog number: 156-4-232-120

Data subject to change
Please consult factory for
additional information.



CANDLE POWER SUMMARY

VERT ANGLE	0	45	90
0	1124	1124	1124
10	1113	1121	1124
20	1075	1125	1156
30	997	1108	1175
40	885	1057	1143
45	736	946	1054
50	545	783	912
60	334	615	775
70	162	481	634
80	51	315	452
90	23	243	366

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXTURE
0-30	931	14.6	19.9
0-40	1579	24.9	33.7
0-60	2975	47.1	63.2
0-90	4341	68.1	92.1