DESCRIPTION

The Visium LED high bay is a durable and high efficient solution for a variety of industrial and commercial applications. The Visium is constructed of extruded aluminum for optimal thermal control and longer system life. The Visium's modular design, multiple lens configurations and numerous mounting options allow for precise light positioning putting the light exactly where you need it.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Heavy-duty anodized extruded aluminum housing for added durability and thermal control. Enclosed fixture design is IP66 rated making it suitable for a variety of applications and environments.

Electrical
Long-life LED system coupled with electrical driver to deliver optimal performance. Available in 5600K at >70 CRI. ETL listed. Electronic drivers are available for 120-277V, 347V-480V applications. Standard 0-10V dimming. Visium uses integrated smart electronics to constantly monitor temperature and health of the light system to ensure optimum LED performance and efficient operation.

Finish
Standard black anodized housing for increased durability and rust inhibition.

Optics
High impact-resistant tempered glass lens construction with precision optics offered in five distributions including Type 5 Narrow (21˚), Type 5 Wide (27˚), Type 5 Extra Wide (44˚), Type 5 (115˚), Elliptical 21˚x50˚. The LED optical chambers can be field adjusted for additional directionality.

Mounting
The Visium (M)ulti provides suited for suspension mounting with various mounting options. 3/4" NPT internal thread with locking set screw or two 5/16" – 18 mounting studs.

Compliance
Luminaires are ETL listed for wet locations -40°C - 55°C ambient environments (65°C ambient or 18,000 lumen, 120-277V models). IP66 listed and RoHS compliant. LED modules comply with IESNA LM-79 and LM-80 standards and are DLC listed.



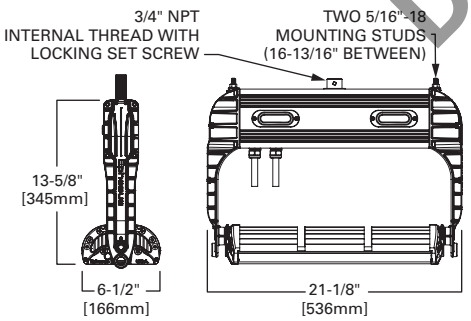
VISIUM
LED

Commercial/Industrial Luminaire

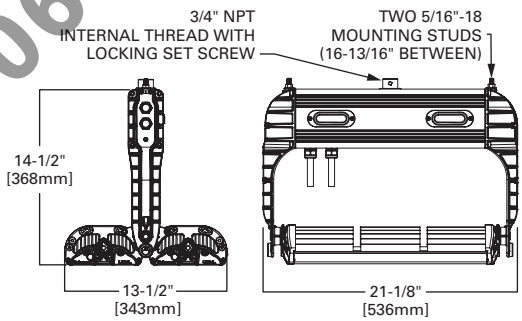
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MOUNTING OPTIONS AND DIMENSIONS

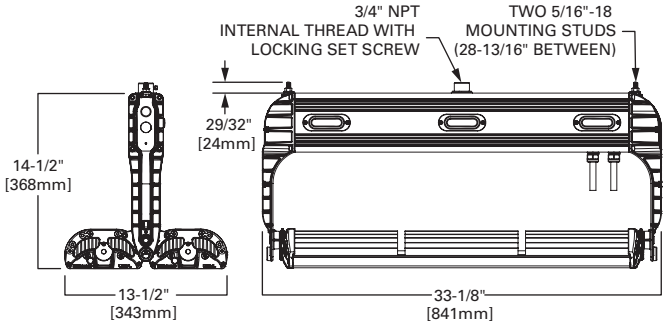
VISIUM 190 with Multi-Mount (M)



VISIUM 300 with Multi-Mount (M)



VISIUM 600 with Multi-Mount (M)



ORDERING INFORMATION

			System Wattage			Input Voltage		Optics				
Description	**Catalog**	**Lumen Output**	**190**	**300**	**600**	**120-277**	**347-480**	**No Optics**	**Narrow**	**Wide**	**Eliptical**	**Extra Wide**
Visium 190, No Optics, 120-277VAC	VI-M-64-900-5-VL-56-N06-N-G	18,200	●			●		●				
Visium 190, Narrow Optics, 120-277VAC	VI-M-64-900-5N-VL-56-N06-N-G	18,200	●			●			●			
Visium 190, Wide Optics, 120-277VAC	VI-M-64-900-5W-VL-56-N06-N-G	18,200	●			●				●		
Visium 190, Eliptical Optics, 120-277VAC	VI-M-64-900-5EL-VL-56-N06-N-G	18,200	●			●					●	
Visium 190, Extra Wide Optics, 120-277VAC	VI-M-64-900-5EW-VL-56-N06-N-G	18,200	●			●						●
Visium 190, No Optics, 347-480VAC	VI-M-64-900-5-VH-56-N06-N-G	18,200	●				●	●				
Visium 190, Narrow Optics, 347-480VAC	VI-M-64-900-5N-VH-56-N06-N-G	18,200	●				●		●			
Visium 190, Wide Optics, 347-480VAC	VI-M-64-900-5W-VH-56-N06-N-G	18,200	●				●			●		
Visium 190, Eliptical Optics, 347-480VAC	VI-M-64-900-5EL-VH-56-N06-N-G	18,200	●				●				●	
Visium 190, Extra Wide Optics, 347-480VAC	VI-M-64-900-5EW-VH-56-N06-N-G	18,200	●				●					●
Visium 300, No Optics, 120-277VAC	VI-M-128-750-5-VL-56-N06-N-G	30,850		●		●		●				
Visium 300, Narrow Optics, 120-277VAC	VI-M-128-750-5N-VL-56-N06-N-G	30,850		●		●			●			
Visium 300, Wide Optics, 120-277VAC	VI-M-128-750-5W-VL-56-N06-N-G	30,850		●		●				●		
Visium 300, Eliptical Optics, 120-277VAC	VI-M-128-750-5EL-VL-56-N06-N-G	30,850		●		●					●	
Visium 300, Extra Wide Optics, 120-277VAC	VI-M-128-750-5EW-VL-56-N06-N-G	30,850		●		●						●
Visium 300, No Optics, 347-480VAC	VI-M-128-750-5-VH-56-N06-N-G	30,850		●			●	●				
Visium 300, Narrow Optics, 347-480VAC	VI-M-128-750-5N-VH-56-N06-N-G	30,850		●			●		●			
Visium 300, Wide Optics, 347-480VAC	VI-M-128-750-5W-VH-56-N06-N-G	30,850		●			●			●		
Visium 300, Eliptical Optics, 347-480VAC	VI-M-128-750-5EL-VH-56-N06-N-G	30,850		●			●				●	
Visium 300, Extra Wide Optics, 347-480VAC	VI-M-128-750-5EW-VH-56-N06-N-G	30,850		●			●					●
Visium 600, No Optics, 120-277VAC	VI-M-256-750-5-VL-56-N06-N-G	61,700			●	●		●				
Visium 600, Narrow Optics, 120-277VAC	VI-M-256-750-5N-VL-56-N06-N-G	61,700			●	●			●			
Visium 600, Wide Optics, 120-277VAC	VI-M-256-750-5W-VL-56-N06-N-G	61,700			●	●				●		
Visium 600, Eliptical Optics, 120-277VAC	VI-M-256-750-5EL-VL-56-N06-N-G	61,700			●	●					●	
Visium 600, Extra Wide Optics, 120-277VAC	VI-M-256-750-5EW-VL-56-N06-N-G	61,700			●	●						●
Visium 600, No Optics, 347-480VAC	VI-M-256-750-5-VH-56-N06-N-G	61,700			●		●	●				
Visium 600, Narrow Optics, 347-480VAC	VI-M-256-750-5N-VH-56-N06-N-G	61,700			●		●		●			
Visium 600, Wide Optics, 347-480VAC	VI-M-256-750-5W-VH-56-N06-N-G	61,700			●		●			●		
Visium 600, Eliptical Optics, 347-480VAC	VI-M-256-750-5EL-VH-56-N06-N-G	61,700			●		●				●	
Visium 600, Extra Wide Optics, 347-480VAC	VI-M-256-750-5EW-VH-56-N06-N-G	61,700			●		●					●

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SHIPPING DATA

Catalog No.	Wt.
Visium 190	18 lbs.
Visium 300	31 lbs.
Visium 600	47 lbs.

ENERGY AND PERFORMANCE DATA

	Visium 190	Visium 300	Visium 600
Lumen Output [2]	18,200	30,850	61,700
System Watts	190	300	600
Input Voltage [1]	VL: 120-277VAC VH: 347-480VAC [3]	VL: 120-277VAC VH: 347-480VAC [3]	VL: 120-277VAC VH: 347-480VAC [3]
CRI	>70	>70	>70
CCT	5600K	5600K	5600K
EPA (aimed down) [4]	0.86 ft [2]	1.79 ft [2]	2.86 ft [2]
EPA (aimed flat vertically) [4]	1.74 ft [2]	2.67 ft [2]	4.15 ft [2]
Operating Temp	-40°C to 65°C [5]	-40°C to 55°C	-40°C to 55°C
L70 Hours	>225,000	>225,000	>225,000
IP Rating	IP66	IP66	IP66

Notes:

1. 0-10 volt dimming is a standard feature on all models unless otherwise specified. Do not operate at control voltages under 2V.
2. The specifications listed were obtained under optimal testing conditions. Changes in options, features and conditions may result in slightly different performance specifications among fixtures.
3. VL: 127-430VDC VH: 450-600VDC
4. If aiming orientation is uncertain, design with "worst case" value. Contact Eaton for more information.
5. VL (120-277VAC) meets 65°C ambient. VH (347-480VAC) meets 55°C ambient.

Pure power is required to ensure proper function and lifetime of Eaton fixtures. Prior to installation, an analysis should be performed to verify site power meets these requirements:

> High frequency voltage should be below -40dB or .01V between 3KHZ and 100KHz

> High frequency current should be below -50dB or .019A between 3KHz and 100KHz

If the power does not meet these criteria, waveform correction technology should be used to condition the power. Surge protection alone is not adequate. Eaton will not be liable for damage to fixtures due to poor power quality. Contact Eaton for more information.

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ILLUMINATION TABLES

Visium 190 - Illumination at a Distance (FC) [5]

Height	5	5N	5W	5EL	5EW
20 FT	16	256	123	97	58
30 FT	7	114	54	43	26
40 FT	4	64	31	24	15
50 FT	2	41	20	15	9
60 FT	2	29	13	11	7
70 FT	1	21	10	8	5

Notes:

5. Data based on a single luminaire at height shown.

Visium 300 - Illumination at a Distance (FC) [5]

Height	5	5N	5W	5EL	5EW
20 FT	26	420	201	159	95
30 FT	12	187	89	71	42
40 FT	7	105	50	40	24
50 FT	4	67	32	25	15
60 FT	3	47	22	18	11
80 FT	2	26	13	10	6
100 FT	1	17	8	6	4

Visium 600 - Illumination at a Distance (FC) [5]

Height	5	5N	5W	5EL	5EW
30 FT	24	374	178	142	84
40 FT	14	210	100	80	48
50 FT	8	134	64	50	30
60 FT	6	94	44	36	22
80 FT	3	52	26	20	12
100 FT	2	35	16	12	8
120 FT	1	23	11	9	5