LUMENFOCUS

Project: _____

Location: _____

Cat. #: _____

Type: _____

Quantity: _____

LED

GAT | LED Indirect High Bay

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable drivers
- Glare free indirect lighting
- LED optics designed for even illumination of the ceiling, minimizing hot spots
- Light weight design for use in air dome structures - 17.6 lbs
- Active cooling allows for maximum performance and system life

Applications:

Suitable for applications where high output indirect light is needed

- Indoor Tennis Courts
- Gymnasiums
- Recreation Facilities
- Convention Centers

Ambient Operating Temp.:

- -40°C to 50°C

Predicted L70 Lifetime:

- L80 >102,000 hrs (reported)
- L90 = 51,000 hrs (reported)

(based on LM-80, TM-21 and in-situ laboratory testing)

Construction:

- Housing and LED tray is precision brake formed from aluminum
- Pre-painted with a highly durable, highly reflective white finish
- 5 high output COBs
- 10' single circuit cord comes standard, other cord lengths/types available

Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations

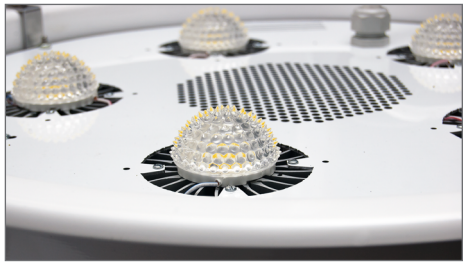
c UL us

Warranty:

- 5 year limited system warranty - see www.LumenFocus.com for complete warranty terms and conditions

MADE IN USA

USING DOMESTIC AND FOREIGN COMPONENTS



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252-430-6970

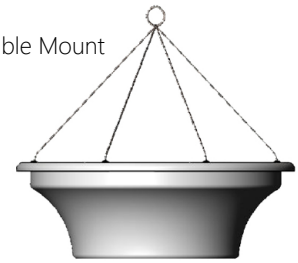
Ordering Guide:

example: GAT HI W UV 850 CM C6 WG

Series	Output	Optic	Voltage	CRI/CCT	Hanging	Options
GAT		W	UV			
GAT	**HI** High **VH** Very High **SH** Super High	**W** Wide	**UV** 120-277	**835** 80 CRI/3500K **840** 80 CRI/4000K **850** 80 CRI/5000K	**CM** Cable Mount **TR** Trunnion Mount **SM** Strut Mount	**C6** 6' Single Circuit Cord **C65W** 6' Single Circuit Cord with Low Voltage Connections **C10** (standard) 10' Single Circuit Cord **C105W** 10' Single Circuit Cord with Low Voltage Connections **D6** 6' Dual Circuit Cord **D10** 10' Dual Circuit Cord **P(NEMA)** Plug (Specify NEMA configuration) **WG** Wire Guard

Mounting:

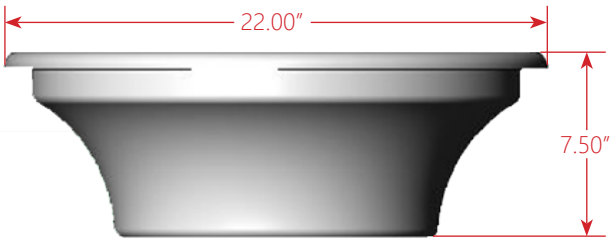
Cable Mount



Trunnion Mount

Strut Mount

Schematic:



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Performance Chart:

Catalog #	Lumens	Watts	LPW
GAT HI W UV 835	45,933	404	113.6
GAT VH W UV 835	49,447	452	109.4
GAT SH W UV 835	53,881	507	106.2

Catalog #	Lumens	Watts	LPW
GAT HI W UV 840	46,308	404	114.5
GAT VH W UV 840	49,850	452	110.3
GAT SH W UV 840	54,321	507	107.1

Catalog #	Lumens	Watts	LPW
GAT HI W UV 850	46,870	404	115.9
GAT VH W UV 850	50,456	452	111.6
GAT SH W UV 850	54,981	507	108.4

Photometric Data:

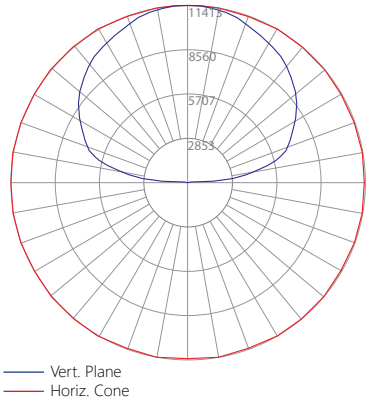
GAT HI W UV 850-C6

Test No.: LLIA000800-001A
Luminaire Lumens: 46,870 lm
Luminaire Watts: 404.3W
Efficacy: 115.9 LPW

Coefficients Of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC			80				70				50				30	
RW		70	50	30	10		70	50	30	10	50	30	10	50	30	10
0		95	95	95	95		81	81	81	81	56	56	56	32	32	32
1		87	83	79	76		74	71	68	65	48	47	45	28	27	26
2		79	72	66	62		67	62	57	53	42	40	37	24	23	22
3		72	63	56	51		61	54	49	44	37	34	31	21	20	18
4		65	56	48	43		56	48	42	37	33	29	26	19	17	16
5		60	49	42	36		51	42	36	32	29	25	22	17	15	13
6		55	44	36	31		47	38	32	27	26	22	19	15	13	11
7		50	39	32	27		43	34	28	23	23	19	17	14	11	10
8		47	35	28	23		40	30	24	20	21	17	14	12	10	9
9		43	32	25	20		37	28	22	18	19	15	13	11	9	8
10		40	29	22	18		34	25	19	16	17	14	11	10	8	7

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-90	0.00	0.0
90-110	9048.83	19.3
90-120	16421.67	35.0
90-130	24085.10	51.4
90-150	37749.81	80.5
90-180	46869.63	100.0
110-180	37820.80	80.7
0-180	46869.63	100.0

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