



CLASSROOM

ACADEMIC 06A Series

The Academic series is reminiscent of an “old school” baffle fixture classically designed and updated to create a modern architectural direct/indirect luminaire that is truly of the new school.



FEATURES

- Versatility and value
- Superior performance
- Modular design
- Optional variable top reflector
- Optimized reflective materials

BENEFITS

- Available in 1 / 2 / 3 / 4 lamps utilizing T8, T5 or T5HO lamp technology
- Delivers lighting efficiencies of up to 92%; lighting distributions:
 - Direct, up to 30%;
 - Indirect, without supplementary reflectors up to 70%
- Exact 4 foot module allows for any 4-8 foot fixtures to be placed in continuous runs
- Provides field adjustable distribution
 - from 93 – direct up to 63% distribution and indirect, from 7 – 37%
- Using precision reflectors allows for superior luminous performance efficiencies and ensure MetaG ratings in excess of 85%

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- No Windows
- Direct/Indirect-Academic 2-T8

ENERGY CRITERIA

Maintain LPD <1 w/ft²
 Provide ISENA/ASHRAE 90.1(1.4) recommended
 35-40 average footcandles maintained

ROOM DETAILS

Dimensions: 28' L x 28' W x 10' H [8.5 L x 8.5 W x 3.1 m]
 Reflectances: 80/50/20

LUMINAIRE SPECIFICATION

Metalumen Academic O6A Series
 Luminaire type: direct/indirect
 Lamp type: F32 -T8
 Lumens: 3100/lamp
 Total Lumens: 6200
 Lamps per fixture: 2

LLF: .66
 LLD: .75
 BF: .88
 Total watts: 60

LUMINAIRE SCHEDULE

Qty of luminaires: 12
 Grid: 3'x3' [.91 x .91 m]
 Spacing: 2 rows /6 per row
 Mounting height: 8'-0" [2.4 m]

SUMMARY LIGHTING/ENERGY LEVELS

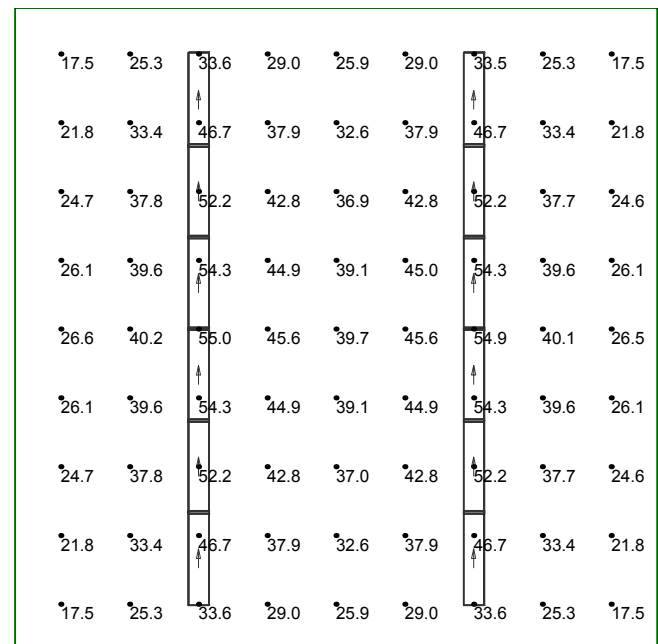
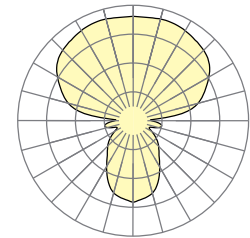
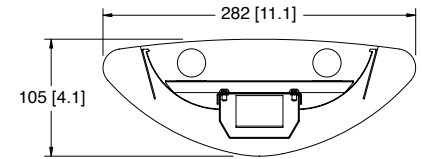
Footcandle summary
 Average: 36 fc at 2.5' [.76 m] AFF

IES File # O6ABUJ-4

Efficiency: 90.5%
 28% Direct : 72% Indirect
 Control: Solid cross blade baffle

Lighting Power Density

LPD Area: 784 Sq/Ft
 Total watts: 720
 LPD 0.92 w/ft²



Please refer to black and white ordering guide for detailed product information and photometrics or visit our web-site at www.metalumen.com

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