

# MARK<sup>®</sup> ARCHITECTURAL LIGHTING

## 2x2 T5HO Sample Open Office Calculation 50 Foot Candles

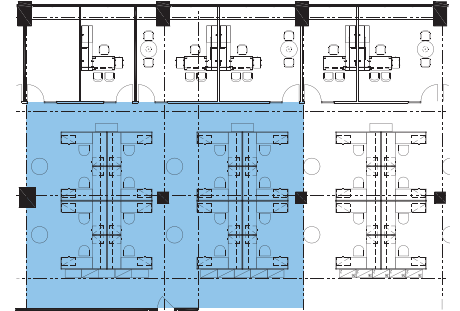
### Rendering



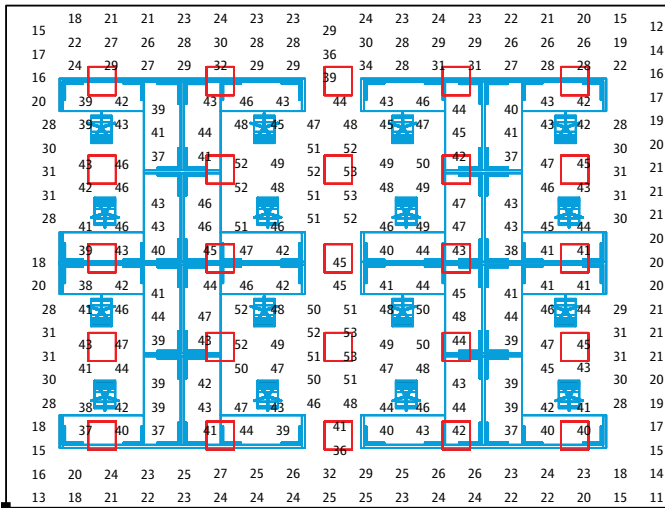
## The **Whisper** Series



### Key Plan



### Calculation



(0.9W/Ft<sup>2</sup>)

### Parameters

**FIXTURE SPACING**  
8'-0" x 6'-0"

**FIXTURE**  
WHISPER, #WHS-22-2 T5HO-SWS-SW  
FIXTURE SIZE: 2' x 2'  
LAMPING: (2) T5HO  
CENTER LENS: SMOOTH WHITE ACRYLIC  
SIDE LENS: SMOOTH WHITE ACRYLIC  
BALLAST: BALLAST FACTOR 1.1  
TESTED INPUT WATTS 55

**LIGHT LOSS FACTORS**  
LAMP LUMEN DEPRECIATION: 5%  
LUMINAIRE DIRT DEPRECIATION: 11%  
ROOM DIRT DEPRECIATION: 4%  
LAMP BURNOUT: 5%

**SPACE DIMENSIONS**  
W34' x L45' x H8.5'

**REFLECTANCES**  
CEILING: 80%  
WALL: 50%  
FLOOR: 20%  
PARTITION: 40%  
FURNITURE: 25%

**TASK PLAN**  
2'-6" A.F.F.

# MARK<sup>®</sup> ARCHITECTURAL LIGHTING

## 2x2 T5HO Sample Private Office Calculation 50 Foot Candles

### Rendering



### Calculation

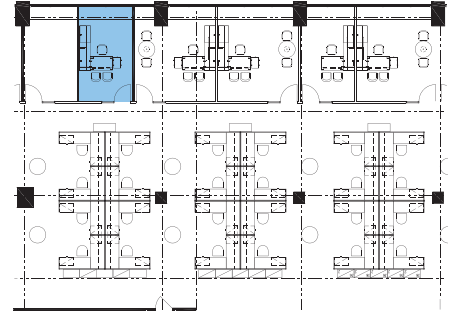
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32	35	35	39	40	43	44	45	46	47	47	47	46	45	47	43	41	39	38	35	32
33	36	36	40	42	45	46	47	48	49	49	52	52	47	50	45	45	39	37	33	
36	39	40	44	46	49	50	52	52	53	54	53	53	52	50	47	46	43	40	36	
37	41	42	46	48	51	52	54	54	54	54	53	53	53	50	46	44	42	41	37	
37	41	42	46	48	51	52	54	55	54	54	53	53	53	50	46	44	42	41	37	
39	42	43	48	50	53	54	56	57	58	58	58	56	55	53	51	48	47	42	39	
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39	43	44	49	51	54	55	57	58	59	59	59	57	56	54	52	49	47	43	40	
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38	41	42	47	49	52	53	55	56	57	57	55	55	54	53	51	50	47	46	42	39
37	40	41	45	47	51	52	54	54	55	55	53	53	52	50	47	46	41	37		
37	40	41	45	48	51	52	54	54	55	56	50	42	41	40	49	49	46	45	40	37
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26	27	28	31	32	34	35	37	37	38	38	38	37	36	34	33	31	30	27	26	
24	26	27	29	31	33	33	35	35	36	36	36	35	35	34	33	31	29	29	26	24

(1.83W/Ft<sup>2</sup>)

## The **Whisper** Series



### Key Plan



### Parameters

**FIXTURE SPACING**  
4'-0" x 6'-0"

**FIXTURE**  
WHISPER, #WHS-22-2 T5HO-SWS-SW  
FIXTURE SIZE: 2' x 2'  
LAMPING: (2) T5HO  
CENTER LENS: SMOOTH WHITE ACRYLIC  
SIDE LENS: SMOOTH WHITE ACRYLIC

**LIGHT LOSS FACTORS**  
LAMP LUMEN DEPRECIATION: 5%  
LUMINAIRE DIRT DEPRECIATION: 11%  
ROOM DIRT DEPRECIATION: 4%  
LAMP BURNOUT: 5%

**SPACE DIMENSIONS**  
W10' x L12' x H8.5'

**REFLECTANCES**  
CEILING: 80%  
WALL: 50%  
GLASS: 6%  
FLOOR: 20%  
FURNITURE: 25%

**TASK PLAN**  
2'-6" A.F.F.