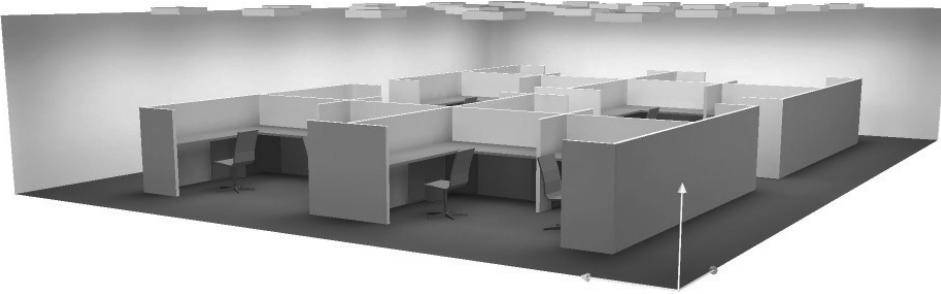


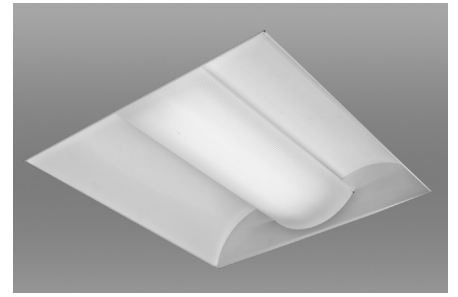
# MARK<sup>®</sup> ARCHITECTURAL LIGHTING

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

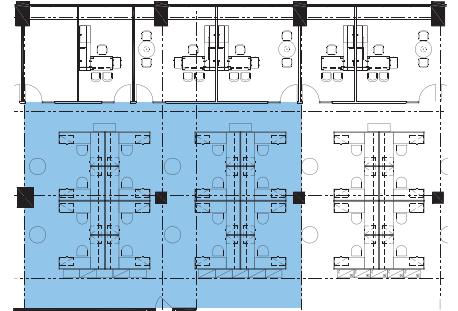
### Rendering



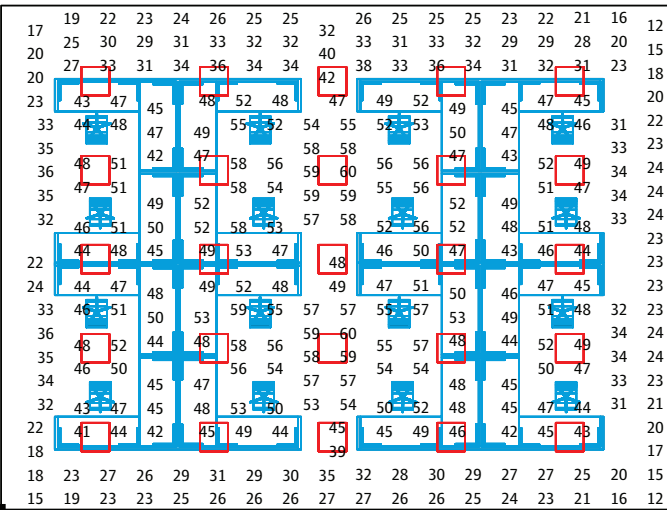
## The Meridian Series



### Key Plan



### Calculation



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

### Parameters

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

**FIXTURE**  
MERIDIAN, #MD-22-2 T5HO-SWR  
FIXTURE SIZE: 2' x 2'  
LAMPING: (2) T5HO  
LENS: WHITE RIBBED ACRYLIC  
BALLAST: BALLAST FACTOR NA  
TESTED INPUT WATTS 55

**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.

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

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

### Rendering

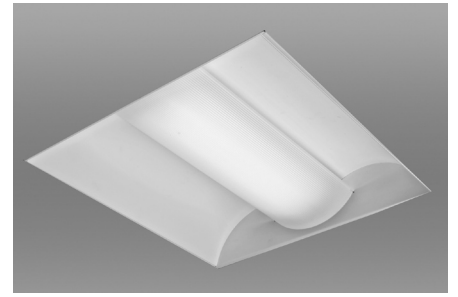


### Calculation

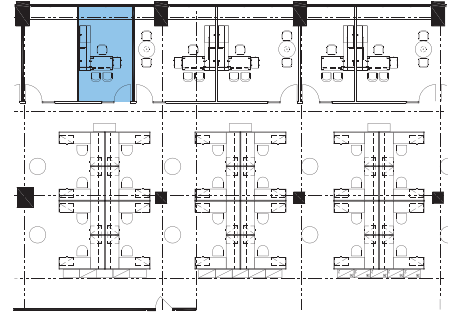
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39	42	42	45	46	47	48	48	48	48	48	51	51	48	51	47	49	44	42	38	
42	45	46	49	50	51	52	52	52	52	52	52	52	52	52	50	49	48	45	41	
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(1.83W/Ft<sup>2</sup>)

## The Meridian Series



### Key Plan



### Parameters

#### FIXTURE SPACING

8'-0" x 6'-0"

#### FIXTURE

MERIDIAN, #MD-22-2 T5HO-SWR

FIXTURE SIZE: 2' x 2'

LAMPING: (2) T5HO

LENS: WHITE RIBBED 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.