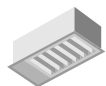


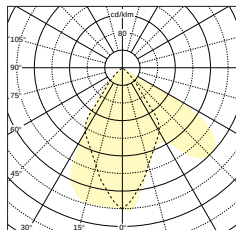
# Photometry

## Canopy Master 30

ASYMMETRIC  
250W HQI-T

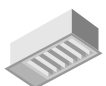


- SHR MAX = 1.23
- DLOR = 0.60

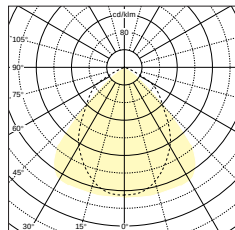


## Canopy Master 30

DI-SYMMETRIC  
250W HQI-T



- SHR MAX = 1.44
- DLOR = 0.71

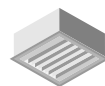


### UTILISATION FACTORS UF(F)

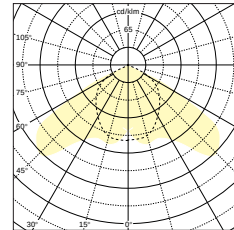
| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | 0.47 | 0.54 | 0.59 | 0.62 | 0.67 | 0.70 | 0.72 | 0.74 | 0.76 |
| 0.50             | 0.30 | 0.20       | 0.42 | 0.49 | 0.54 | 0.57 | 0.62 | 0.64 | 0.67 | 0.70 | 0.71 |
| 0.00             | 0.00 | 0.00       | 0.37 | 0.44 | 0.48 | 0.52 | 0.56 | 0.59 | 0.61 | 0.63 | 0.65 |

## Canopy Master 49

DI-SYMMETRIC  
250W HQI-T



- SHR MAX = 1.91
- DLOR = 0.57

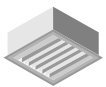


### UTILISATION FACTORS UF(F)

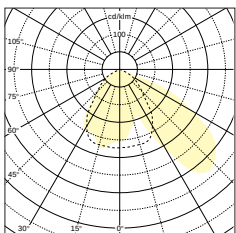
| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | N/A  | 0.40 | 0.44 | 0.47 | 0.52 | 0.54 | 0.56 | 0.58 | 0.60 |
| 0.50             | 0.30 | 0.20       | N/A  | 0.35 | 0.40 | 0.43 | 0.47 | 0.50 | 0.52 | 0.54 | 0.57 |
| 0.00             | 0.00 | 0.00       | N/A  | 0.31 | 0.35 | 0.38 | 0.42 | 0.45 | 0.47 | 0.49 | 0.51 |

## Canopy Master 49

ASYMMETRIC  
250W HQI-T



- SHR MAX = 1.67
- DLOR = 0.69

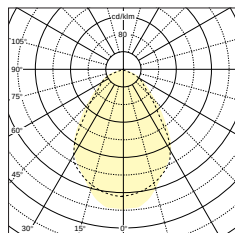


## Canopy Master 60

SPECULAR REFLECTOR AND PYRAMID LENS  
250W HQI-T



- SHR MAX = 1.20
- DLOR = 0.60



### UTILISATION FACTORS UF(F)

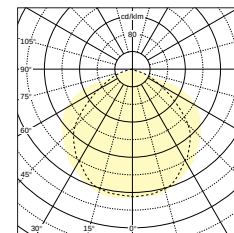
| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | 0.38 | 0.44 | 0.47 | 0.50 | 0.54 | 0.56 | 0.58 | 0.61 | 0.62 |
| 0.50             | 0.30 | 0.20       | 0.33 | 0.38 | 0.42 | 0.45 | 0.49 | 0.51 | 0.53 | 0.56 | 0.58 |
| 0.00             | 0.00 | 0.00       | 0.29 | 0.33 | 0.37 | 0.39 | 0.43 | 0.45 | 0.47 | 0.49 | 0.51 |

## Canopy Master 60

SPECULAR REFLECTOR AND CLEAR GLASS LENS  
400W SON



- SHR MAX = 1.48
- DLOR = 0.80



### UTILISATION FACTORS UF(F)

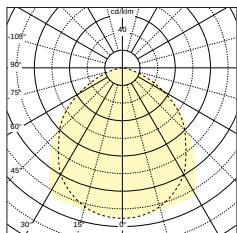
| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | 0.46 | 0.55 | 0.61 | 0.66 | 0.72 | 0.76 | 0.78 | 0.82 | 0.84 |
| 0.50             | 0.30 | 0.20       | 0.41 | 0.48 | 0.54 | 0.59 | 0.65 | 0.69 | 0.72 | 0.76 | 0.78 |
| 0.00             | 0.00 | 0.00       | 0.33 | 0.42 | 0.48 | 0.52 | 0.58 | 0.62 | 0.65 | 0.68 | 0.71 |

## Curie Elite

PRISMATIC & CLEAR POLYCARBONATE DIFFUSER  
2 x 58W T8 Lamps



- SHR MAX = 1.65
- DLOR = 0.419
- SHR TR MAX = 1.88



### UTILISATION FACTORS UF(F)

| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | 0.28 | 0.32 | 0.35 | 0.37 | 0.39 | 0.41 | 0.42 | 0.44 | 0.45 |
| 0.50             | 0.30 | 0.20       | 0.25 | 0.29 | 0.31 | 0.33 | 0.36 | 0.38 | 0.39 | 0.41 | 0.42 |
| 0.00             | 0.00 | 0.00       | 0.23 | 0.26 | 0.28 | 0.30 | 0.33 | 0.34 | 0.35 | 0.37 | 0.38 |

### CONVERSION TABLE FOR LAMP OPTIONS

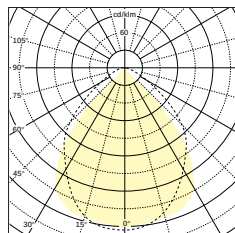
| Lamp Length  | 1.2m | 1.5m |
|--------------|------|------|
| Lamp wattage | 36W  | 58W  |
| UF and PC    | 0.98 | 1.00 |

## Curie Elite

PRISMATIC & CLEAR POLYCARBONATE DIFFUSER  
4 x 58W T8 Lamps



- SHR MAX = 1.66
- DLOR = 0.501
- SHR TR MAX = 1.88



### UTILISATION FACTORS UF(F)

| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | 0.34 | 0.38 | 0.41 | 0.44 | 0.47 | 0.49 | 0.50 | 0.52 | 0.53 |
| 0.50             | 0.30 | 0.20       | 0.30 | 0.34 | 0.38 | 0.40 | 0.43 | 0.45 | 0.47 | 0.49 | 0.50 |
| 0.00             | 0.00 | 0.00       | 0.27 | 0.31 | 0.34 | 0.36 | 0.39 | 0.41 | 0.42 | 0.44 | 0.45 |

### CONVERSION TABLE FOR LAMP OPTIONS

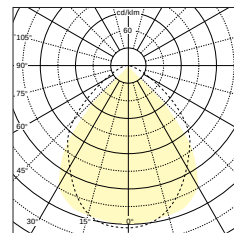
| Lamp Length  | 0.6m | 1.2m |
|--------------|------|------|
| Lamp wattage | 18W  | 36W  |
| UF and PC    | 0.98 | 1.00 |

## Curie Elite

W2 LOUVRE & CLEAR POLYCARBONATE DIFFUSER  
2 x 58W T8 Lamps



- SHR MAX = 1.54
- DLOR = 0.474
- SHR TR MAX = 1.62



### UTILISATION FACTORS UF(F)

| Room Reflectance |      | Room Index |      |      |      |      |      |      |      |      |      |
|------------------|------|------------|------|------|------|------|------|------|------|------|------|
| C                | W    | F          | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70             | 0.50 | 0.20       | 0.39 | 0.42 | 0.44 | 0.46 | 0.48 | 0.49 | 0.50 | 0.51 | 0.52 |
| 0.50             | 0.30 | 0.20       | 0.36 | 0.39 | 0.42 | 0.43 | 0.45 | 0.47 | 0.47 | 0.49 | 0.49 |
| 0.00             | 0.00 | 0.00       | 0.34 | 0.37 | 0.39 | 0.40 | 0.42 | 0.43 | 0.44 | 0.45 | 0.45 |

### CONVERSION TABLE FOR LAMP OPTIONS

| Lamp Length  | 1.2m | 1.5m |
|--------------|------|------|
| Lamp wattage | 36W  | 58W  |
| UF and PC    | 0.98 | 1.00 |

### DIFFUSER OPTIONS

| Lamp Length  | 1.2m | 1.5m |
|--------------|------|------|
| Lamp wattage | 36W  | 58W  |
| UF and PC    | 0.98 | 1.00 |