

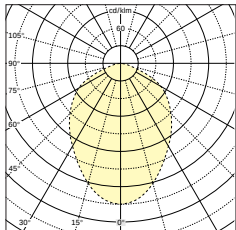
# Photometry

## Fleming

ACRYLIC PRISMATIC PRISMS UP  
2 x 36W T8 Lamps



- SHR MAX = 1.35
- DLOR = 0.534
- SHR TR MAX = 1.45



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.25 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| 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         | 0.32 | 0.37 | 0.41 | 0.44 | 0.48 | 0.50 | 0.52 | 0.54 | 0.56 |
| 0.50                      | 0.30       | 0.20         | 0.28 | 0.33 | 0.37 | 0.39 | 0.43 | 0.46 | 0.48 | 0.51 | 0.52 |
| 0.00                      | 0.00       | 0.00         | 0.24 | 0.29 | 0.32 | 0.35 | 0.39 | 0.41 | 0.42 | 0.45 | 0.47 |

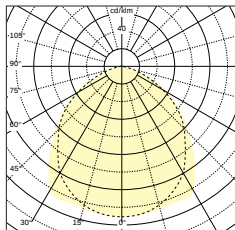
| CONVERSION TABLE FOR LAMP OPTIONS |      |      |      | DIFFUSER OPTIONS |  |
|-----------------------------------|------|------|------|------------------|--|
| Lamp Length                       | 0.6m | 1.2m | 1.5m | POLYCARBONATE    |  |
| Lamp wattage                      | 18W  | 36W  | 58W  | 0.75             |  |
| UF and PC                         | 0.97 | 1.00 | 1.02 |                  |  |

## Curie Hazardous

PRISMATIC & CLEAR POLYCARBONATE DIFFUSER  
2 x 36W T8 Lamps



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



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.50 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| 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 |

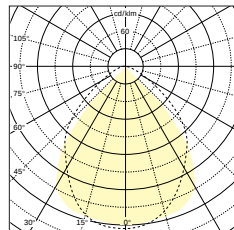
| CONVERSION TABLE FOR LAMP OPTIONS |      |      |  |
|-----------------------------------|------|------|--|
| Lamp Length                       | 0.6m | 1.2m |  |
| Lamp wattage                      | 18W  | 36W  |  |
| UF and PC                         | 0.97 | 0.98 |  |

## Curie Hazardous

PRISMATIC & CLEAR POLYCARBONATE DIFFUSER  
4 x 36W T8 Lamps



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



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.50 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| 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 |

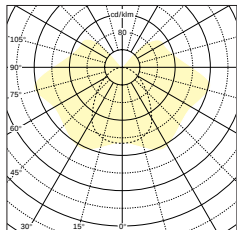
| CONVERSION TABLE FOR LAMP OPTIONS |      |      |  |
|-----------------------------------|------|------|--|
| Lamp Length                       | 0.6m | 1.2m |  |
| Lamp wattage                      | 18W  | 36W  |  |
| UF and PC                         | 0.98 | 1.00 |  |

## Lamina

CLEAR DEGALON  
1 x 36W T8 Lamps



- SHR MAX = 1.85
- DLOR = 0.608
- ULOR = 0.261
- SHR TR MAX = 2.50



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.75 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| 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 | 0.52 | 0.56 | 0.62 | 0.66 | 0.69 | 0.73 | 0.76 |
| 0.50                      | 0.30       | 0.20         | -    | 0.36 | 0.41 | 0.44 | 0.50 | 0.54 | 0.57 | 0.61 | 0.64 |
| 0.00                      | 0.00       | 0.00         | -    | 0.24 | 0.27 | 0.30 | 0.34 | 0.37 | 0.39 | 0.43 | 0.45 |

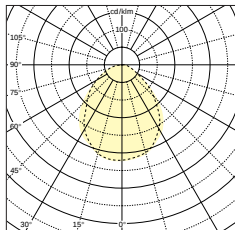
| CONVERSION TABLE FOR LAMP OPTIONS |      |      |      | DIFFUSER      |  |
|-----------------------------------|------|------|------|---------------|--|
| Lamp Length                       | 0.6m | 1.2m | 1.5m | POLYCARBONATE |  |
| Lamp wattage                      | 18W  | 36W  | 58W  | 0.80          |  |
| UF and PC                         | 0.98 | 1.00 | 1.01 |               |  |

## DTBY

PRISMATIC ACRYLIC PRISMS UP  
2 x 36W T8 Lamps



- SHR MAX = 1.55
- DLOR = 0.523
- SHR TR MAX = 1.78



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.50 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| 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         | 0.37 | 0.41 | 0.44 | 0.47 | 0.50 | 0.51 | 0.53 | 0.55 | 0.56 |
| 0.50                      | 0.30       | 0.20         | 0.33 | 0.37 | 0.41 | 0.43 | 0.46 | 0.48 | 0.49 | 0.51 | 0.52 |
| 0.00                      | 0.00       | 0.00         | 0.30 | 0.34 | 0.37 | 0.39 | 0.42 | 0.43 | 0.45 | 0.46 | 0.47 |

| CONVERSION TABLE FOR LAMP OPTIONS |      |      |      |
|-----------------------------------|------|------|------|
| Lamp Length                       | 1.2m | 1.6m | 1.8m |
| Lamp wattage                      | 36W  | 58W  | 70W  |
| UF and PC                         | 1.00 | 1.01 | 1.01 |

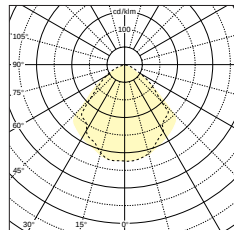
| CONVERSION TABLE FOR DIFFUSER OPTIONS |  |
|---------------------------------------|--|
| POLYCARBONATE                         |  |
| 0.75                                  |  |

## DTBY

PRISMATIC ACRYLIC PRISMS UP  
3 x 36W T8 Lamps



- SHR MAX = 1.76
- DLOR = 0.574
- SHR TR MAX = 2.04



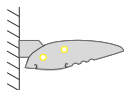
| UTILISATION FACTORS UF(F) |            | SHR NOM=1.75 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| Room Reflectance          | Room Index |              |      |      |      |      |      |      |      |      |      |
| 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  | 0.46 | 0.50 | 0.52 | 0.55 | 0.57 | 0.58 | 0.60 | 0.61 |
| 0.50                      | 0.30       | 0.20         | N/A  | 0.42 | 0.46 | 0.48 | 0.51 | 0.53 | 0.55 | 0.56 | 0.58 |
| 0.00                      | 0.00       | 0.00         | N/A  | 0.38 | 0.41 | 0.44 | 0.46 | 0.48 | 0.50 | 0.51 | 0.52 |

| CONVERSION TABLE FOR LAMP OPTIONS |      |      |      |
|-----------------------------------|------|------|------|
| Lamp Length                       | 1.2m | 1.5m | 1.8m |
| Lamp wattage                      | 36W  | 58W  | 70W  |
| UF and PC                         | 1.00 | 1.01 | 1.01 |

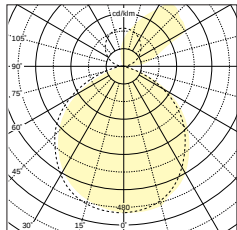
| CONVERSION TABLE FOR DIFFUSER OPTIONS |  |
|---------------------------------------|--|
| POLYCARBONATE                         |  |
| 0.75                                  |  |

## Florence

1 x 54W T5 Lamp / 1 x 24W T5 Lamp



- ULOR = 0.67
- DLOR = 0.47



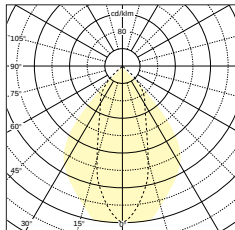
Please contact Whitecroft Lighting's Design Department for more detailed photometric data.

## Surgeon

1 x 36W TC-L Lamp



- SHR MAX = 1.46
- DLOR = 0.383



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.25 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| 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         | 0.31 | 0.33 | 0.35 | 0.36 | 0.38 | 0.39 | 0.40 | 0.41 | 0.42 |
| 0.50                      | 0.30       | 0.20         | 0.28 | 0.31 | 0.33 | 0.34 | 0.36 | 0.37 | 0.38 | 0.39 | 0.40 |
| 0.00                      | 0.00       | 0.00         | 0.26 | 0.29 | 0.30 | 0.32 | 0.33 | 0.34 | 0.35 | 0.36 | 0.36 |

| CONVERSION TABLE FOR LAMP OPTIONS |      |      |  |
|-----------------------------------|------|------|--|
| Lamp wattage                      | 36W  | 55W  |  |
| UF and PC                         | 1.00 | 0.90 |  |