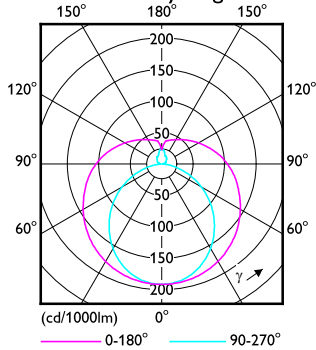


## 1 x TLED 20W 4000K 9290031307

1 x 2000 lm

Polar intensity diagram

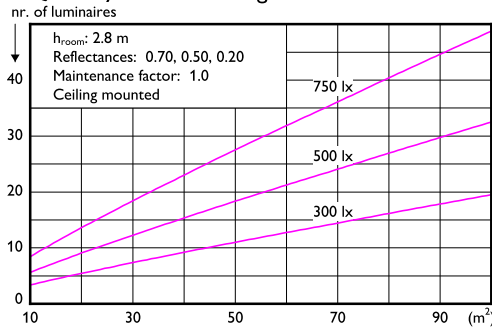


Light output ratio 1.00  
Service upward 0.27  
Service downward 0.73

CIE flux code 36 64 85 73 100

UGRcen (4Hx8H, 0.25H) 23

Quantity estimation diagram

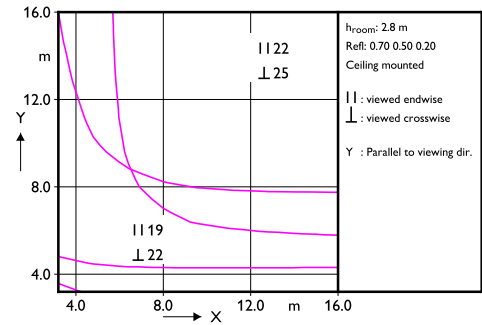


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|--------------|-------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|              | 0.80 0.80                                                   |           |           |           | 0.70 0.70 |           |           |           | 0.50 0.50 |           |           |           | 0.30 0.30 |           |           |           |
|              | 0.50 0.50                                                   | 0.30 0.10 | 0.50 0.50 | 0.30 0.10 | 0.50 0.50 | 0.30 0.20 | 0.50 0.50 | 0.30 0.10 | 0.50 0.50 | 0.30 0.10 | 0.50 0.50 | 0.30 0.10 | 0.50 0.50 | 0.30 0.10 | 0.50 0.50 | 0.30 0.10 |
| 0.60         | 0.40                                                        | 0.38      | 0.38      | 0.37      | 0.36      | 0.29      | 0.27      | 0.22      | 0.25      | 0.21      | 0.17      | 0.17      | 0.17      | 0.17      | 0.17      | 0.17      |
| 0.80         | 0.50                                                        | 0.47      | 0.47      | 0.46      | 0.44      | 0.37      | 0.34      | 0.29      | 0.31      | 0.27      | 0.22      | 0.22      | 0.22      | 0.22      | 0.22      | 0.22      |
| 1.00         | 0.58                                                        | 0.53      | 0.54      | 0.53      | 0.51      | 0.43      | 0.40      | 0.35      | 0.36      | 0.32      | 0.27      | 0.27      | 0.27      | 0.27      | 0.27      | 0.27      |
| 1.25         | 0.65                                                        | 0.60      | 0.62      | 0.59      | 0.57      | 0.50      | 0.46      | 0.41      | 0.42      | 0.38      | 0.31      | 0.31      | 0.31      | 0.31      | 0.31      | 0.31      |
| 1.50         | 0.72                                                        | 0.65      | 0.67      | 0.65      | 0.62      | 0.55      | 0.50      | 0.45      | 0.46      | 0.42      | 0.35      | 0.35      | 0.35      | 0.35      | 0.35      | 0.35      |
| 2.00         | 0.81                                                        | 0.72      | 0.76      | 0.72      | 0.69      | 0.63      | 0.57      | 0.53      | 0.52      | 0.49      | 0.41      | 0.41      | 0.41      | 0.41      | 0.41      | 0.41      |
| 2.50         | 0.87                                                        | 0.77      | 0.82      | 0.78      | 0.74      | 0.68      | 0.62      | 0.58      | 0.57      | 0.54      | 0.46      | 0.46      | 0.46      | 0.46      | 0.46      | 0.46      |
| 3.00         | 0.92                                                        | 0.81      | 0.86      | 0.81      | 0.77      | 0.72      | 0.66      | 0.62      | 0.60      | 0.57      | 0.49      | 0.49      | 0.49      | 0.49      | 0.49      | 0.49      |
| 4.00         | 0.98                                                        | 0.85      | 0.92      | 0.86      | 0.81      | 0.77      | 0.71      | 0.67      | 0.65      | 0.62      | 0.53      | 0.53      | 0.53      | 0.53      | 0.53      | 0.53      |
| 5.00         | 1.02                                                        | 0.88      | 0.96      | 0.90      | 0.84      | 0.80      | 0.74      | 0.71      | 0.68      | 0.65      | 0.56      | 0.56      | 0.56      | 0.56      | 0.56      | 0.56      |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 5495 | 5471 | 5455 | 5508 | 5725 | 6324 | 7705 |
| 50.0       | 5310 | 5272 | 5228 | 5240 | 5392 | 5927 | 7421 |
| 55.0       | 5149 | 5104 | 5029 | 4991 | 5056 | 5498 | 7076 |
| 60.0       | 5020 | 4965 | 4871 | 4778 | 4742 | 5056 | 6698 |
| 65.0       | 4911 | 4863 | 4737 | 4592 | 4452 | 4581 | 6208 |
| 70.0       | 4839 | 4793 | 4645 | 4454 | 4217 | 4104 | 5635 |
| 75.0       | 4821 | 4772 | 4612 | 4392 | 4040 | 3620 | 4885 |
| 80.0       | 4838 | 4782 | 4635 | 4379 | 3938 | 3158 | 3769 |
| 85.0       | 4877 | 4799 | 4669 | 4435 | 3924 | 2854 | 2206 |
| 90.0       | 4957 | 4881 | 4746 | 4522 | 4055 | 2890 | 1913 |

(cd/m²)

2021-06-10