

# TL-4200 (Energy Star Qualified LED Desk Lamp)



## PRODUCT DESCRIPTION

TL4000 Series has been awarded by the Next Generation Luminaires Design Competition for its excellency in design and quality. Simple touch control provides customizable light settings for corporate workstations, completing the Task Ambient Lighting Design Strategy. Ergonomically adjustable body offers glare control along with the indirect night light options.

## APPLICATIONS

- Corporate Workspaces
- Task Ambient Lighting Solution
- Study Rooms
- Hospitality
- Library

## PERFORMANCE OVERVIEW

| PERFORMANCE       | TL-4200 |
|-------------------|---------|
| Light Output (Lm) | 433 lm  |
| Power (W)         | 8.4 w   |
| Efficacy (Lm/W)   | 52 lm/w |
| CCT (K)           | 3500K   |
| CRI               | 84      |
| Power Factor      | 0.933   |
| Input Voltage (V) | 120     |

## PHYSICAL INFO

|                  |                          |
|------------------|--------------------------|
| Dimension (inch) | 7.9(L) x7.9(W) x 18.8(H) |
| Weight           | 11 lb                    |

## INSTALLATION

|            |                              |
|------------|------------------------------|
| Beam Angle | 120°                         |
| Control    | 3 Step Touch Dimming Control |

## WARRANTY

3-Year Warranty (Terms and Conditions Apply)

## CERTIFICATIONS & QUALIFICATIONS



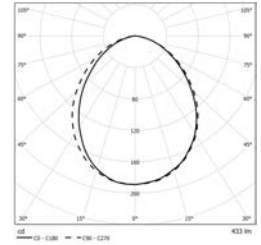
## PHOTOMETRIC DATA: TL-4200

Test No: 100567031 CRT-001  
Test Date: 11/29/2011

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Lamp | Luminaire |
|-------|--------|--------|-----------|
| 0-30  | 141.7  | 32.8%  | 32.8%     |
| 0-40  | 225.0  | 52%    | 52%       |
| 0-60  | 366.2  | 84.6%  | 84.6%     |
| 60-90 | 66.3   | 15.3%  | 15.3%     |
| 0-90  | 490    | 100%   | 100%      |

### POLAR CANDELA DISTRIBUTION



### COEFFICIENTS OF UTILIZATION (%)

| RC     | 80  |     |     |     | 70  |     |     |     | 50  |     |     | 0   |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|        | 70  | 50  | 30  | 0   | 70  | 50  | 30  | 0   | 50  | 30  | 20  | 0   |
| RW     | 70  | 50  | 30  | 0   | 70  | 50  | 30  | 0   | 50  | 30  | 20  | 0   |
| RCR(0) | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 100 | 111 | 111 | 111 | 100 |
| 1      | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 87  | 99  | 96  | 94  | 86  |
| 2      | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 75  | 88  | 83  | 79  | 73  |
| 3      | 92  | 83  | 75  | 69  | 90  | 81  | 74  | 64  | 78  | 72  | 67  | 63  |
| 4      | 85  | 74  | 66  | 59  | 83  | 73  | 65  | 56  | 70  | 63  | 58  | 55  |
| 5      | 79  | 66  | 58  | 52  | 77  | 65  | 57  | 50  | 63  | 56  | 51  | 48  |
| 6      | 73  | 60  | 52  | 46  | 71  | 59  | 51  | 44  | 57  | 50  | 45  | 42  |
| 7      | 68  | 55  | 46  | 41  | 66  | 54  | 46  | 39  | 53  | 45  | 40  | 38  |
| 8      | 63  | 50  | 42  | 36  | 62  | 50  | 42  | 36  | 48  | 41  | 36  | 34  |
| 9      | 59  | 46  | 38  | 33  | 58  | 46  | 38  | 32  | 45  | 38  | 33  | 31  |
| 10     | 56  | 43  | 35  | 30  | 54  | 42  | 35  | 30  | 41  | 35  | 30  | 28  |

RCR = Room Cavity Ratio  
RC = Effective Ceiling Cavity Reflectance  
RW = Wall Reflectance