

NB-SM-1T8
(1) F32T8/TL841
3000 Lumens

Efficiency 93.6%

Test Report
#ITL63565

Coefficients of Utilization

| rc | Effective floor cavity reflectance | | | | | | | | | | | | | | | | | | | | |
|-----|------------------------------------|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|-----|----|----|----|----|----|
| | 80% | | | 70% | | | 20% | | | 50% | | | 30% | | | 10% | | | 0% | | |
| rw | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | 0 | 96 | 96 | 96 | 86 | 86 | 86 | 86 | 68 | 68 | 68 | 51 | 51 | 51 | 36 | 36 | 36 | 28 | 28 | 28 | 28 |
| | 1 | 88 | 84 | 81 | 78 | 79 | 76 | 73 | 70 | 60 | 58 | 56 | 46 | 44 | 43 | 32 | 32 | 31 | 25 | 25 | 25 |
| | 2 | 80 | 74 | 69 | 64 | 72 | 67 | 62 | 58 | 53 | 50 | 47 | 40 | 39 | 37 | 29 | 28 | 27 | 22 | 22 | 22 |
| | 3 | 73 | 65 | 59 | 54 | 66 | 59 | 53 | 49 | 47 | 43 | 40 | 36 | 34 | 31 | 26 | 24 | 23 | 19 | 19 | 19 |
| | 4 | 67 | 58 | 51 | 46 | 60 | 52 | 46 | 42 | 42 | 38 | 34 | 32 | 30 | 27 | 23 | 22 | 20 | 16 | 16 | 16 |
| | 5 | 62 | 52 | 44 | 39 | 55 | 47 | 41 | 36 | 38 | 33 | 30 | 29 | 26 | 24 | 21 | 19 | 18 | 14 | 14 | 14 |
| | 6 | 57 | 46 | 39 | 34 | 51 | 42 | 36 | 31 | 34 | 29 | 26 | 26 | 23 | 21 | 19 | 17 | 16 | 13 | 13 | 13 |
| | 7 | 53 | 42 | 35 | 30 | 47 | 38 | 32 | 27 | 31 | 26 | 23 | 24 | 21 | 19 | 18 | 16 | 14 | 11 | 11 | 11 |
| | 8 | 49 | 38 | 31 | 26 | 44 | 34 | 28 | 24 | 28 | 24 | 20 | 22 | 19 | 17 | 16 | 14 | 13 | 10 | 10 | 10 |
| | 9 | 45 | 34 | 28 | 23 | 41 | 31 | 26 | 22 | 26 | 21 | 18 | 20 | 17 | 15 | 15 | 13 | 12 | 9 | 9 | 9 |
| | 10 | 42 | 32 | 25 | 21 | 38 | 29 | 23 | 19 | 24 | 19 | 16 | 19 | 16 | 13 | 14 | 12 | 10 | 9 | 9 | 9 |

Candela

| Angle | Along I | 45° | Across I |
|-------|---------|-----|----------|
| 0 | 371 | 371 | 371 |
| 5 | 371 | 372 | 371 |
| 15 | 358 | 372 | 379 |
| 25 | 333 | 349 | 346 |
| 35 | 292 | 293 | 278 |
| 45 | 228 | 202 | 176 |
| 55 | 147 | 114 | 83 |
| 65 | 78 | 55 | 50 |
| 75 | 29 | 30 | 30 |
| 85 | 4 | 7 | 7 |
| 90 | 0 | 0 | 0 |
| 95 | 20 | 17 | 9 |
| 105 | 82 | 271 | 254 |
| 115 | 156 | 366 | 471 |
| 125 | 228 | 399 | 518 |
| 135 | 294 | 413 | 509 |
| 145 | 345 | 430 | 485 |
| 155 | 383 | 435 | 468 |
| 165 | 410 | 422 | 443 |
| 175 | 423 | 423 | 419 |
| 180 | 422 | 422 | 422 |

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixture |
|--------|--------|-------|----------|
| 0-30 | 299 | 10.1 | 10.8 |
| 0-40 | 479 | 16.3 | 17.4 |
| 0-60 | 743 | 25.2 | 26.9 |
| 0-90 | 848 | 28.7 | 30.7 |
| 40-90 | 369 | 12.3 | 13.3 |
| 60-90 | 105 | 3.5 | 3.8 |
| 90-180 | 1914 | 64.9 | 69.3 |
| 0-180 | 2762 | 93.6 | 100.0 |

Luminance Data

| Angle in Deg | 0-Deg cd/sm | 45-Deg cd/sm | 90-Deg cd/sm |
|--------------|-------------|--------------|--------------|
| 45 | 1414 | 1253 | 1092 |
| 55 | 1124 | 872 | 635 |
| 65 | 809 | 571 | 519 |
| 75 | 491 | 508 | 508 |
| 85 | 201 | 352 | 352 |

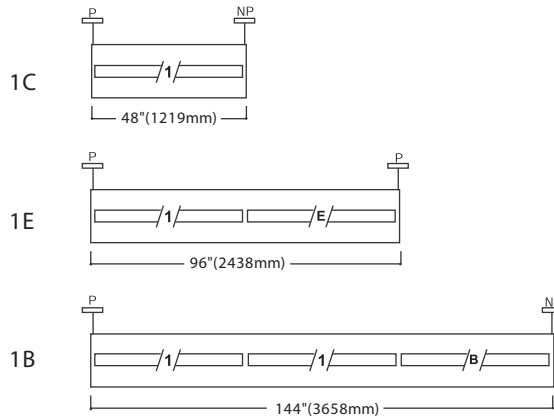
COMMON CIRCUIT CONFIGURATIONS FOR TWO LAMP SUSPENDED FIXTURE

- 1C=Single circuit luminaire
- 1E=Single circuit luminaire with emergency circuit
- 1B=Single circuit luminaire with battery pack

- /1/ =Circuit 1
- /E/ =Emergency Circuit
- /B/ =Battery Circuit

=Power Mount

=Non-Power Mount



STANDARD ROW CONFIGURATIONS

| FIXTURE LENGTH | 4' | 8' | 12' | 16' | 20' | 24' | 28' | 32' | 36' | 40' | 44' | 48' | 52' | 56' | 60' | 64' | 68' | 72' | 76' | 80' | 84' | 88' | 92' | 96' | 100' | 104' | 108' | |
|----------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|---|
| 4' | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8' | | 1 | 2 | 1 | | 2 | 1 | | 2 | 1 | | 2 | 1 | | 2 | 1 | | 2 | 1 | | 2 | 1 | | 2 | 1 | | 2 | 1 |
| 12' | | | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 5 | 4 | 5 | 6 | 5 | 6 | 7 | 6 | 7 | 8 | 7 | 8 | 9 | 8 | 9 |