

ZETA 2.3" Recessed

Spec-grade | Architectural LED Linear Lighting

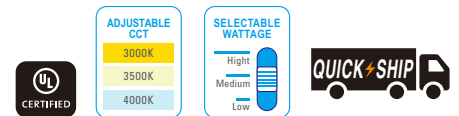


OKT Zeta 2.3" is available in recessed mount. It is available in 2.3" width with 2ft, 3ft, 4ft and 8ft lengths options, simply provide linear, powerful lighting to any atmosphere. This linear lighting features a streamlined linear form factor designed for maximum versatility. With their superior flexibility by wattage selectable and CCT adjustable, Zeta products create a balance between esthetics, visual comfort and lighting performance, designed to meet the most demanding lighting challenges.

It is architectural recessed lighting solution that compatible with most 15/16" and 9/16" t-grid ceiling or dry ceiling , widely used in office spaces, major retail stores, education, government, healthcare, and hospitality.

Feature

- Trimless design or flange trim options
- Application flexibility, T-grid or dry ceiling compatible
- Continuous runs or custom pattern
- Available in 2ft, 3ft, 4ft and 8ft, up to 1000lm/ft
- Wattage selectable (50%/75%/100%)
- CCT adjustable from 3000K, 3500K, 4000K
- UL listed, damp rated, 5 years limited warranty



PERFORMANCE

| Lens | Lumen Package | | |
|----------------|-------------------|-------------------|-----------------|
| | High | Medium | Low |
| Flat Lens | 1000lm/ft, 10w/ft | 750lm/ft, 7.5w/ft | 500lm/ft, 5w/ft |
| Regressed Lens | 800lm/ft, 10w/ft | 600lm/ft, 7.5w/ft | 400lm/ft, 5w/ft |

Above are subject to 3500K.
All efficacy is ±5% base on different CCT and wattage. Check the IES file to gain the accurate data .

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PRODUCT PERFORMANCE

► Optics

Fully- uniform flat lens or regressed lens, provide uniform, low-glare illumination to create a clean, modern environment.

► Finish

Extruded aluminum housing with powder coat white or black.

► Electrical

| | |
|---------------|--|
| LED Driver | It is powered by Class 2 high efficiency LED driver, with a standard 0-10V dimming which works with many types of controls, 10% (provided standard), 1% (optional). Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL. |
| THD | <20% |
| Power Factor | >0.9 |
| Input Voltage | Standard electronic drivers are cULus recognized and 110-277V (provided standard), 110-347V* (optional) |

► Mounting

Recessed. Optional suspended or surface.

► LED System

| | |
|-------------|--|
| CRI | Minimum 80 color rendering index |
| CCT | CCT adjustable from 3000K, 3500K and 4000K with a great color consistency. |
| Environment | Damp rated in operating ambient temperatures of -20~40°C. |

► Approvals

- cULus listed for damp locations
- 5 years limited warranty

PRODUCT ORDERING GUIDE

Default Settings : Maximum wattage and 4000K .

Sample

| | | | | | | | | | |
|-------------------------------------|--------------------------|---|--------------------------|-------------------------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|
| Z | E | - | 4 | 2 | - | I | TW | R | D |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | - | <input type="checkbox"/> | <input checked="" type="checkbox"/> | - | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | |

1. Base Model

ZE ZETA

2. Length

2 2 feet 4 4 feet
 3 3 feet 8 8 feet

3. Width

2 2.3 inch

4. Driver

I Internal

5. CCT

TW CCT Adjustable (3000K,3500K,4000K)

6. Mounting

R Recessed

7. Optics Options

D Flat Lens
 T Regressed Lens

OPTIONAL ORDERING GUIDE

Application

Dry Ceiling Trim Trimless
T-Grid / Drop Ceiling Trim Trimless

Joiner Options

Illuminated "L" Joiner Line Joiner
 42' Continuous rolling lens

Optional Functions

Emergency LED Driver* (Order Separated)
 Occupancy Sensor * (Order Separated)

*Additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

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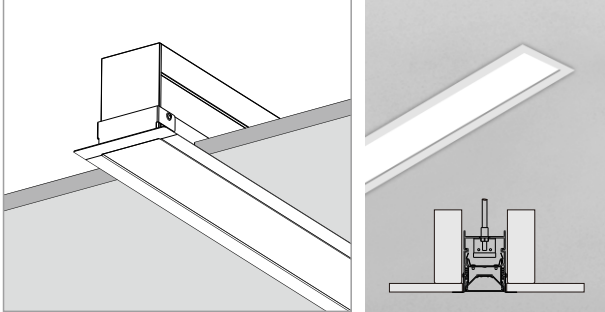
Spec-grade | Architectural LED Linear Lighting



MOUNTING

Recessed In Dry Ceiling

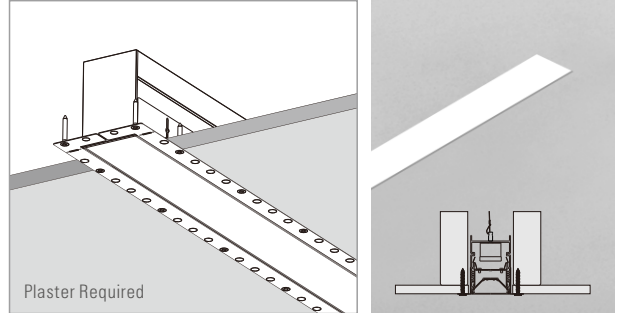
TRIM (Recessed with pendant stem)



Mounting Kits



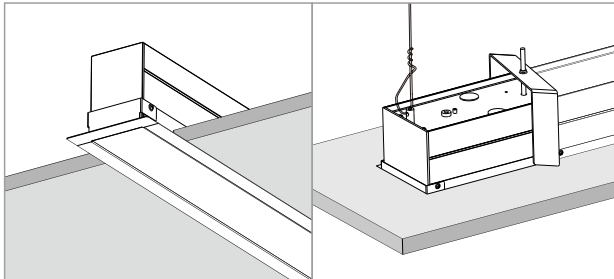
TRIMLESS



Mounting Kits



TRIM (Recessed with brackets)

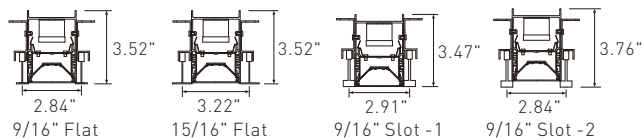
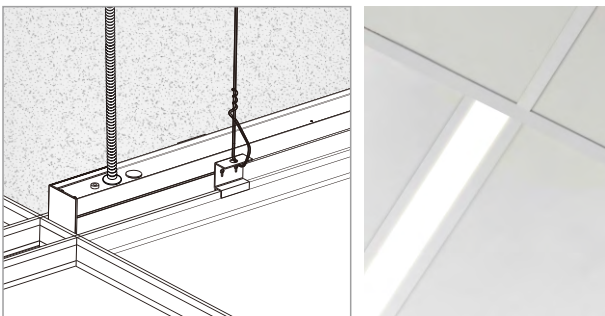


Mounting Kits



Recessed In Grid Ceiling

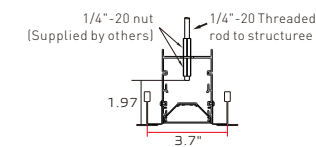
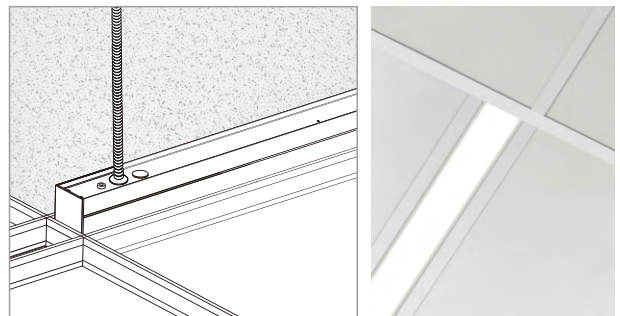
T-GRID HOOKS



Mounting Kits



FLANGED TRIM



Mounting Kits

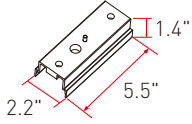


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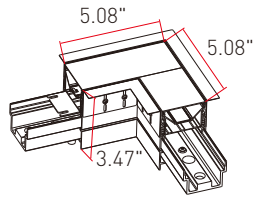
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Joiner Options



Line Joiner

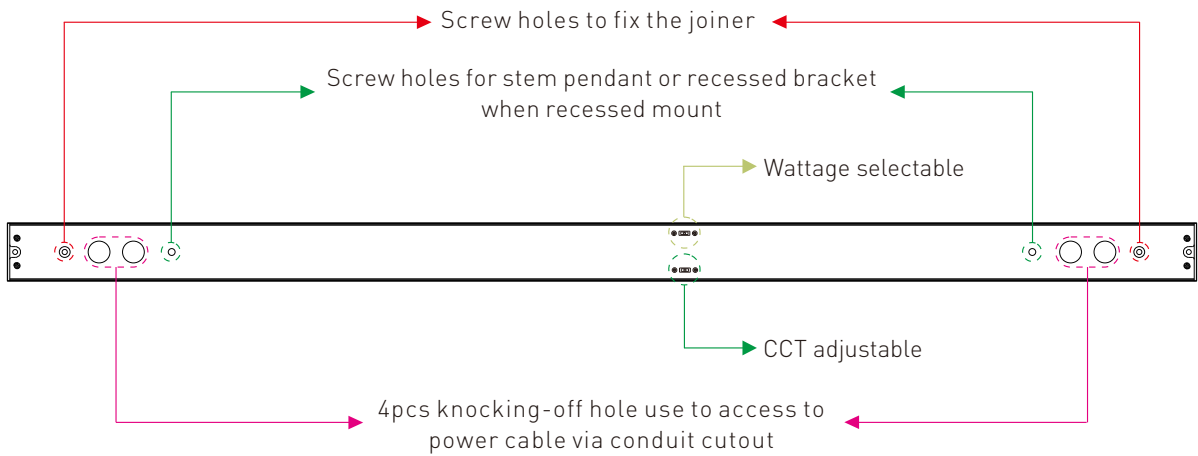


Illuminated "L" Joiner



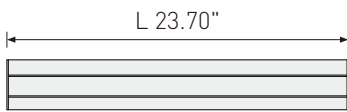
42' Continuous Rolling Lens

Mounting Location

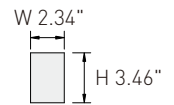
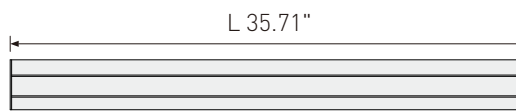


DIMENSIONS

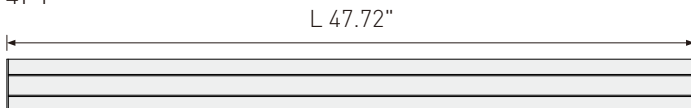
2FT



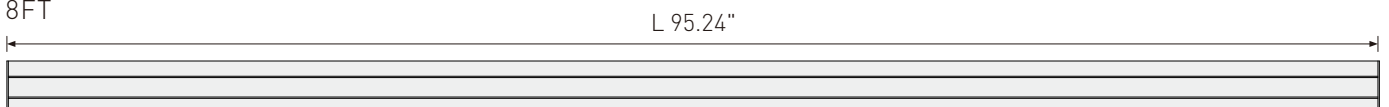
3FT



4FT



8FT



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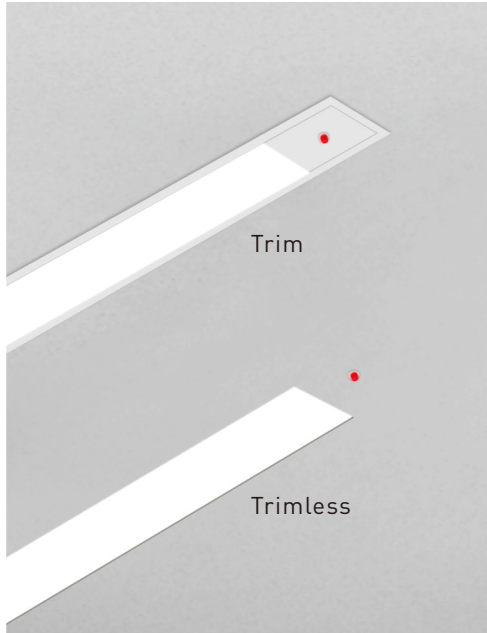
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OPTIONAL FUNCTION

► Emergency Option

OKT Lighting offers UL& CEC Listed LED emergency drivers. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



Order Separated LED emergency driver

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our website or contact sales.



Code-Required Testing

- Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

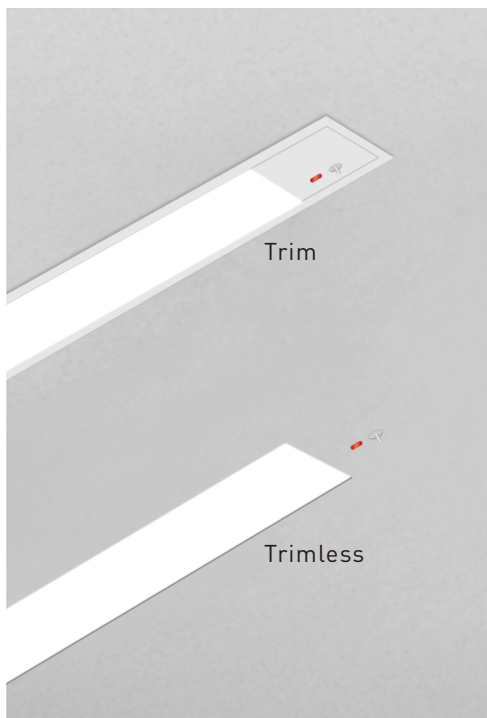
- Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

- Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.

► Occupancy Sensor



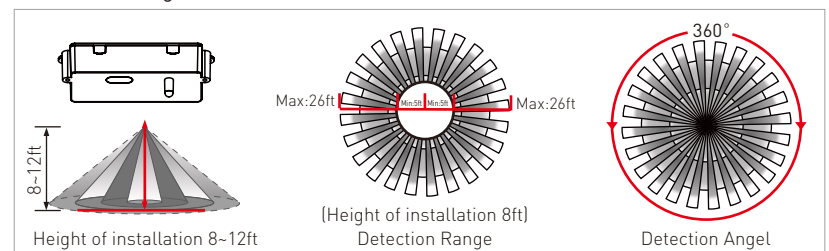
We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.



Specification

| | |
|--|---|
| Power Supply | 120/277 VAC 50/60Hz |
| Maximum load (@-40°F~+158°F (-40°C~+70°C)) | Resistive/ Tungsten-600W@120V Electronic Ballast(LED)-800VA@120V/1200VA@277V |
| HF System | 5.8GHz CW |
| Dim Control Output | 0-10V, max.25mA sinking current |
| Detection Radius/angle | Max 26ft.(8m)/360 |
| Mounting Height | Max 12ft |
| Humidity | Max.95% RH |
| Temperature | -40°F~+158°F (-40°C~+70°C) |

Sensor Coverage



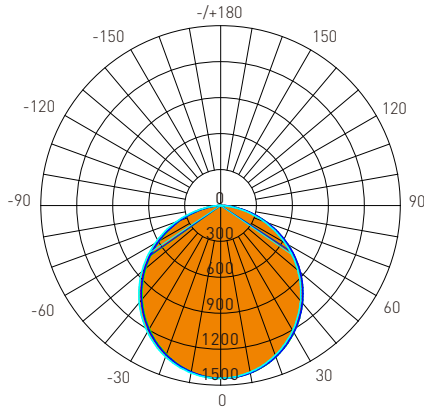
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DISTRIBUTION DIAGRAM

4' / Flat Lens / 3500K



AVERAGE BEAM ANGLE(50%): 111.3°

Test Number: ZE-42-ITWRD
 Lumens: 4069.1 Lms
 Watts: 39.05 W
 LPW: 104.21 Lm/W
 CCT: 3500K

UNIT: cd
 C0/180, 110.8°
 C30/210, 111.1°
 C60/240, 111.6°
 C90/270, 111.7°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|--------|--------|--------|--------|
| 10 | 1418 | 1421 | 1412 | 1398 | 1411 |
| 20 | 1340 | 1346 | 1331 | 1303 | 1327 |
| 30 | 1215 | 1225 | 1204 | 1164 | 1195 |
| 40 | 1049 | 1064 | 1038 | 988.4 | 1026 |
| 50 | 852.4 | 870.0 | 840.6 | 783.6 | 826.6 |
| 60 | 629.7 | 649.8 | 617.5 | 555.5 | 603.1 |
| 70 | 391.9 | 412.3 | 377.6 | 316.3 | 365.5 |
| 80 | 162.5 | 178.2 | 145.8 | 98.44 | 139.5 |
| 90 | 2.417 | 8.146 | 0.2768 | 0.4688 | 0.9405 |
| 100 | 0.5822 | 0.5917 | 0.6472 | 0.7610 | 0.6802 |
| 110 | 1.012 | 1.048 | 1.172 | 1.246 | 1.138 |
| 120 | 1.530 | 1.577 | 1.753 | 1.778 | 1.633 |
| 130 | 2.021 | 2.104 | 2.307 | 2.298 | 2.124 |
| 140 | 2.524 | 2.612 | 2.799 | 2.780 | 2.595 |
| 150 | 3.936 | 3.052 | 3.178 | 3.148 | 3.016 |
| 160 | 3.376 | 3.422 | 3.497 | 3.478 | 3.442 |
| 170 | 3.769 | 3.686 | 3.712 | 3.724 | 3.716 |
| 180 | 3.894 | 3.751 | 3.759 | 3.755 | 3.904 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

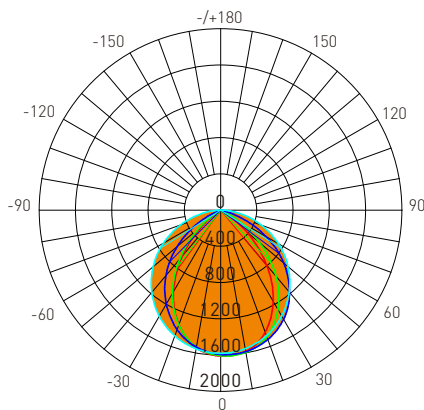
Zonal Lumens

| τ | φ total |
|---------|----------|
| 0-10 | 136.4 |
| 10-20 | 526.2 |
| 20-30 | 1115 |
| 30-40 | 1822 |
| 40-50 | 2553 |
| 50-60 | 3211 |
| 60-70 | 3708 |
| 70-80 | 3986 |
| 80-90 | 4058 |
| 90-100 | 4059 |
| 100-110 | 4060 |
| 110-120 | 4061 |
| 120-130 | 4063 |
| 130-140 | 4064 |
| 140-150 | 4066 |
| 150-160 | 4068 |
| 160-170 | 4069 |
| 170-180 | 4069 |
| DEG | UNIT: lm |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 10884 | 8777 |
| 80 | 13119 | 11617 |
| 75 | 14803 | 13683 |
| 70 | 16064 | 15274 |
| 65 | 16980 | 16310 |
| 60 | 17655 | 17084 |
| 55 | 18170 | 17649 |
| 50 | 18591 | 18090 |
| 45 | 18924 | 18435 |

4' / Regressed Lens / 3500K



AVERAGE BEAM ANGLE(50%): 92.7°

Test Number: ZE-42-ITWRD
 Lumens: 3185.1 Lms
 Watts: 39.18 W
 LPW: 81.30 Lm/W
 CCT: 3500K

UNIT: cd
 C0/180, 75.9°
 C30/210, 81.3°
 C60/240, 98.3°
 C90/270, 115.4°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|--------|--------|--------|--------|
| 10 | 1583 | 1593 | 1552 | 1494 | 1546 |
| 20 | 1434 | 1513 | 1475 | 1304 | 1347 |
| 30 | 1163 | 1339 | 1349 | 1044 | 1044 |
| 40 | 790.0 | 1073 | 1178 | 714.1 | 652.8 |
| 50 | 382.2 | 734.4 | 972.0 | 357.8 | 253.6 |
| 60 | 60.93 | 354.3 | 733.4 | 66.49 | 9.481 |
| 70 | 3.607 | 50.38 | 472.8 | 3.429 | 1.964 |
| 80 | 1.129 | 3.391 | 209.4 | 1.111 | 0.5673 |
| 90 | 0.2172 | 0.8545 | 0.4901 | 0.1488 | 0.1127 |
| 100 | 0.1263 | 0.1488 | 0.6813 | 0.2888 | 0.1309 |
| 110 | 0.1532 | 0.3044 | 1.232 | 0.7484 | 0.2482 |
| 120 | 0.4461 | 0.7326 | 1.867 | 1.429 | 0.6274 |
| 130 | 1.000 | 1.326 | 2.485 | 2.185 | 1.259 |
| 140 | 1.740 | 2.047 | 2.990 | 2.888 | 2.048 |
| 150 | 2.579 | 2.800 | 3.400 | 3.436 | 2.864 |
| 160 | 3.454 | 3.432 | 3.725 | 3.853 | 3.604 |
| 170 | 4.080 | 3.887 | 3.937 | 4.115 | 4.176 |
| 180 | 4.329 | 4.088 | 3.973 | 4.031 | 4.324 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

Zonal Lumens

| τ | φ total |
|---------|----------|
| 0-10 | 150.3 |
| 10-20 | 574.1 |
| 20-30 | 1189 |
| 30-40 | 1871 |
| 40-50 | 2474 |
| 50-60 | 2884 |
| 60-70 | 3092 |
| 70-80 | 3165 |
| 80-90 | 3176 |
| 90-100 | 3176 |
| 100-110 | 3177 |
| 110-120 | 3178 |
| 120-130 | 3179 |
| 130-140 | 3180 |
| 140-150 | 3182 |
| 150-160 | 3184 |
| 160-170 | 3185 |
| 170-180 | 3185 |
| DEG | UNIT: lm |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 91 | 14627 |
| 80 | 90 | 16749 |
| 75 | 110 | 18232 |
| 70 | 146 | 19198 |
| 65 | 212 | 19878 |
| 60 | 1692 | 20373 |
| 55 | 4751 | 20732 |
| 50 | 8259 | 21002 |
| 45 | 11457 | 21208 |