Seven different shades of light to express different light spectrums specially designed to exalt and enhance different combinations of materials and colours. A completely new light, highly specialised that has never been seen before.

Every light spectrum is the result of a joint study between Targetti technical staff and a team of architects from Gensler, one of the largest architectural firms in the world. Targetti and Gensler analysed different combinations of materials and colours that are used in modern architecture and created the most suitable spectrum of light for each of them to enhance each composition, both as a whole as well as every single component.

All TONES are composed of a precise LED combination that has been carefully selected, mixed together and controlled to produce an ideal light spectrum: every combination was defined after extensive analysis of its capacity to reproduce the colours and materials of the various samples in a harmonious way. All TONES have a precise colour temperature but what really sets them apart from standard LED lamps and gives them added value are the extremely rich emission spectrums and the adherence (Color Quality) that testify to the actual rendering capacity of various colours, information that goes beyond every single colour rendering index.

TONES Collection ensures a perfect balance between characteristics of the materials and the colours of the various compositions, improves the perception of different textures of materials and enhances contrasts and countless shades to strengthen the expressive message as a whole. The TONES range is ideal for domestic, retail, hotel and entertainment lighting, spaces where there is an interior design project that takes into account colours and materials aimed at creating a style and an atmosphere and to elicit particular emotions.
CALM
Ideal Materials: bricks, leather, carpet, velvet
Ideal Colors: orange, brown, red, violet
Color Temperature: 2386ºK
CRI: Ra92

Inspired by warm colours of the sunset TONES CALM is ideal to light materials that transmit warmth with a definite texture. Ideal for spaces where you want to convey calmness, warmth and relaxation. It is certainly the tone that is closest to that of an incandescent lamp, but unlike the latter it can respect the veracity of white and colder colours.

SENTIMENTAL
Ideal Materials: gold-plated metals, wood, velvet, flesh tones
Ideal Colors: azure, white, grey, brown, gold, mustard
Color Temperature: 2579ºK
CRI: Ra91

A well calibrated spectrum particularly focused on warm yellow tones but with peaks of blue and green to ensure perfect perception of white and grey, as well as perfect rendering of warm tones. It is ideal for lighting a palette of colours and materials with darker tones to create a sophisticated look. The mix of dark greys, blacks and mustard brings to mind a more masculine, “classic” style space.

RECHARGE
Ideal Materials: leather, wood, plastic, woven fabric
Ideal Colors: azure, beige, neutral tones, green, violet
Color Temperature: 2700ºK
CRI: Ra90

It has a well-balanced spectrum that can enhance warm neutral tones as well as colder colours like azure and blue and brighter and brilliant shades. A light tone that can reinforce the message of relaxation and naturalness. Colour combinations used where the intention is to elicit emotions with earth colours and jewel tones.
COLLABORATIVE
Ideal Materials: wood, prints, stone materials, plasterwork
Ideal Colors: white, grey, brown, mustard
Color Temperature: 3050ºK
CRI: Ra91

A neutral tone light that works very well with whites and greys as well as warm bright shades such as mustard and burgundy. The combination between the finishes and "collaborative" lights dedicated to them reinforce the message of an elegant, warm and refined style.

EDGY
Ideal Materials: wood, marble, metal, stone
Ideal Colors: orange, white, yellow, brown, black, red
Color Temperature: 3200ºK

A soft, neutral light that works well with natural materials like stone, wood and metals, yet at the same time capable of reproducing black and white faithfully. A light that can combine materials and warm and cold shades for a more modern, urban appearance.

ENERGETIC
Ideal Materials: leather, plastic, prints
Ideal Colors: white, saturated colours, black
Color Temperature: 3200ºK
CRI: Ra88

The ideal light for enhancing "non" colours like deep black and pure white, that can also respect saturated colours such as bright red. This "energetic" light enhances this timeless style in a combination of important, refined, geometric and rigorous contrasts that can relax users and transmit energy to them at the same time.
LIVELY

Ideal Materials: bricks, leather, carpet, gold-plated metals, wood, velvet, flesh tones, plastic, woven fabrics, prints, stone materials, plasterwork, marble, metal, stone

Ideal Colors: orange, azure, beige, white, saturated colours, yellow, grey, brown, black, gold, red, mustard, neutral tones, green, violet

Color Temperature: 3586ºK

CRI: Ra93

Certainly, this is the best light for spaces with a wide range of materials and colours. This is a neutral light, the coldest in the TONES range that is also capable of reproducing warm tones faithfully. From tests carried out it is certainly the light with the best colour rendering on a large number of samples which makes it an excellent compromise where there are no obviously dominant colours. A bright light that reproduces neutral tones light grey and bright green very well which makes it suitable to bring a dash of nature inside closed spaces and enhance them. Gives a sense of freedom and vitality.
A NEW WAY TO LIGHT SPACE

DURATAPE™ TONES
IP66 OUTDOOR

KEY FEATURES

- No longer standard color temperatures of light- warm, natural or cold light. With TONES, the spectrums have been designed to enhance atmospheres and create environments like never before.
- Searching for the best light, the TONES range is ideal for retail, hotel and entertainment lighting, spaces where there is an interior design project that takes into account colors and materials aimed at creating a style and an atmosphere and to elicit particular emotions.
- Sold per foot and manufactured to specified lengths with factory attached end preps.
- Features 2-circuit substrate for optimum heat dissipation, minimizing voltage drop while increasing run lengths per power feed, standardizing electrical flow over entire length of the strip for maximum product reliability.
- Features double sided solder points for maximum conductivity and durability.
- Pre-assembled to specific lengths with various connector options for project requirements and efficient power configuration.
- Max continuous length: up to 21’ per run
- Multiple dimming options available. 0-10V dimming with Flicker Free variable frequency control

DIMENSIONAL DRAWINGS

Duratape features double-sided solder points for maximum continuity for long lifespan.

DETAILS

Spacing 0.47” DC LED Spacing
LEDs 25 LEDs per foot
Wattage 3.5 W/ft
Design Color Calm, Sentimental, Recharge, Collaborative, Edgy, Energetic, Lively
Color Consistency Bin centred on the Planck curve with a +/- 2 step MacAdam tolerance.
End Preps Factory end preps available (See Page 2)
Mounting Includes installation-ready 3M tape adhesive for simplified installation directly to mounting channel or application surface
Installation Optional aluminum channels with base and cover can be used to install decorative, protective covers
Power Supply Listed Class 2 output, 24V DC power supply required
Listing cULus Class 2 Listed E471161
Tested in accordance with LM-79-08
Certification ^ Title 24 commercial installation compliant.
Compliance ROHS compliant
Warranty 5 year warranty

FIXTURE DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Efficacy Lm/Wt</th>
<th>Lm/Ft</th>
<th>Wt/Ft Max</th>
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</thead>
<tbody>
<tr>
<td>TONES</td>
<td>46.85</td>
<td>164</td>
<td>3.5</td>
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LED DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>W/ LED</th>
<th>Viewing Angle</th>
<th>L70 at 90% drive</th>
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</thead>
<tbody>
<tr>
<td>TONES</td>
<td>0.20</td>
<td>120°</td>
<td>40,000 hrs</td>
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</tbody>
</table>

* LEDs operating at 90% of LED manufacturers maximum current rating.

Designed in collaboration with Gensler as Product Design Consultant
END PREPS AND CONNECTORS (REQUIRED) - Choose 1

REQUIRED END PREPS:
(One required for each run of tape)

**A**

**07UX4CBL1**
Single 4 circuit lead wire prep. 24” five conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

**07UX4ADDCBL: ADDITIONAL LEAD WIRE**
Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

**B**

**07UX4CBL2**
Double ended 4 circuit lead wire prep. 24” five conductor lead wire at both ends. One end can be used for power connectivity while the other end can be used for interconnection to run to an additional length of Duratape.

**07UX4ADDCBL: ADDITIONAL LEAD WIRE**
Single 4 circuit lead wire prep. 24” four conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.
A NEW WAY TO LIGHT SPACE

DURATAPE™ TONES
IP66 OUTDOOR

SURFACE PROFILES

DL-W-2PC-C (Clear)
DL-W-2PC-F10/F30/F60 (Frosted)
Two-piece mounting tube; base (clear) with cover (frosted) for linear applications. Frosted diffusion levels, 10%, 30% or 60%. Available in 4’ lengths.

DL-W-45-MCH-4 (Base, REQUIRED)
45° mounting base (white) for 45° mounted linear applications. Available in 4’ lengths.

DL-W-45-CVR-4-C (Clear)
DL-W-45-CVR-4-F10/F30/F60 (Frosted)
45° mounting base cover. Available in 4’ lengths.

PRINTC-G
Rigid high impact resistant PMMA profile complete with a white plastic diffuser cover and recessed aluminum channel. Complete with track for easy strip insertion. Available in 1M lengths.

KTPRINTC-G
2+2 PC end caps

TARGETTI USA - A Targetti Group Company
750-A W 17th St. Costa Mesa, CA 92627
Phone (714) 513-1991
Email: targettiusa@targetti.com
www.Targetti.us
11.20.19
Page 7 of 10
## SURFACE PROFILES CONT.

### PRAP-U
Surface mount aluminum profile. Anodized aluminum rigid profile complete with opal translucent diffuser cover. Available in 6ft lengths.

### KTPRAP-UEC
5 + 5 silver color end caps

### KTPRU-CL
5 sets of clips

### OR-DEV
Set of steel supports.

### KTORDEV-U
Set of aluminum mounting heads

### PRIN-U
Flush mount aluminum profile. Anodized aluminum rigid profile complete with opal translucent diffuser cover. Available in 6ft lengths.

### KTPRIN-UEC
5 + 5 silver color end caps

### KTPRU-CL
5 sets of clips

### PRAN-U
45º aluminum profile. Anodized aluminum rigid profile complete with opal translucent diffuser cover. Available in 6ft lengths.

### KTPRAN-UEC
5 + 5 silver color end caps

### KTPRAN-UCL
5 sets of clips
**DURATAPE™ TONES**

**IP66 OUTDOOR**

<table>
<thead>
<tr>
<th>Power Supply (REQUIRED)</th>
<th>Type</th>
<th>Wattage</th>
<th>Input/Output Voltage</th>
<th>Dimmable</th>
<th>IP Rating</th>
<th>Output</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMLV40124D</td>
<td>MAGNETIC LOW VOLTAGE TRANSFORMER</td>
<td>40W</td>
<td>120V / 24V</td>
<td>MLV DIMMING &lt; 1%</td>
<td>NEMA3R ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>8.13&quot; x 3.93&quot; x 1.59&quot;</td>
</tr>
<tr>
<td>DMLV60124D</td>
<td>MAGNETIC LOW VOLTAGE TRANSFORMER</td>
<td>60W</td>
<td>120V / 24V</td>
<td>MLV DIMMING &lt; 1%</td>
<td>NEMA3R ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>8.13&quot; x 3.93&quot; x 1.59&quot;</td>
</tr>
<tr>
<td>DMLV96124D</td>
<td>MAGNETIC LOW VOLTAGE TRANSFORMER</td>
<td>96W</td>
<td>120V / 24V</td>
<td>MLV DIMMING &lt; 1%</td>
<td>NEMA3R ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>8.13&quot; x 3.93&quot; x 1.59&quot;</td>
</tr>
<tr>
<td>DMLV192224D</td>
<td>MAGNETIC LOW VOLTAGE TRANSFORMER</td>
<td>192W</td>
<td>120V / 24V</td>
<td>MLV DIMMING &lt; 1%</td>
<td>NEMA3R ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>8.00&quot; x 4.15&quot; x 3.41&quot;</td>
</tr>
<tr>
<td>DELV40124D</td>
<td>ELECTRONIC LOW VOLTAGE TRANSFORMER</td>
<td>40W</td>
<td>120-277V / 24V</td>
<td>PHASE (120V ONLY) / 0-10V DIMMING &lt; 1%</td>
<td>IP66 / NEMA4 ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>11&quot; x 4&quot; x 2.21&quot;</td>
</tr>
<tr>
<td>DELV60124D</td>
<td>ELECTRONIC LOW VOLTAGE TRANSFORMER</td>
<td>60W</td>
<td>120-277V / 24V</td>
<td>PHASE (120V ONLY) / 0-10V DIMMING &lt; 1%</td>
<td>IP66 / NEMA4 ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>11&quot; x 4&quot; x 2.21&quot;</td>
</tr>
<tr>
<td>DELV96124D</td>
<td>ELECTRONIC LOW VOLTAGE TRANSFORMER</td>
<td>96W</td>
<td>120-277V / 24V</td>
<td>PHASE (120V ONLY) / 0-10V DIMMING &lt; 1%</td>
<td>IP67 / NEMA4 ENCLOSURE</td>
<td>UL CLASS 2</td>
<td>11&quot; x 4&quot; x 2.21&quot;</td>
</tr>
</tbody>
</table>

* Dimensions include enclosure with mounting bracket.
* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40°C - 80°C
* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.
* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

### MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

<table>
<thead>
<tr>
<th>Fixture Wattage</th>
<th>Driver Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5W/ft 40W</td>
<td>9FT</td>
</tr>
<tr>
<td>3.5W/ft 60W</td>
<td>13FT</td>
</tr>
<tr>
<td>3.5W/ft 96W</td>
<td>21FT</td>
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</table>
## CONTROLLER (REQUIRED) - Choose 1

### COLOR CONTROL OF T1 LED TAPES

<table>
<thead>
<tr>
<th>Controller (REQUIRED)</th>
<th>Type</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Dimmable</th>
<th>IP Rating</th>
<th>Listing</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCC001-T1</td>
<td>Tones System 96 watt Controller Bluetooth selection of T1 colors</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
</tr>
<tr>
<td>TCC001-T1-CA</td>
<td>Tones Color 96 watt Controller Preset to Calm Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
</tr>
<tr>
<td>TCC001-T1-SE</td>
<td>Tones Color 96 watt Controller Preset to Sentimental Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
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<tr>
<td>TCC001-T1-RC</td>
<td>Tones Color 96 watt Controller Preset to Recharge Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
</tr>
</tbody>
</table>

### COLOR CONTROL OF T2 LED TAPES

<table>
<thead>
<tr>
<th>Controller (REQUIRED)</th>
<th>Type</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Dimmable</th>
<th>IP Rating</th>
<th>Listing</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>TCC001-T2</td>
<td>Tones System 96 watt Controller Bluetooth selection of T2 colors</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
</tr>
<tr>
<td>TCC001-T1-CO</td>
<td>Tones Color 96 watt Controller Preset to Collaborative Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
</tr>
<tr>
<td>TCC001-T1-ED</td>
<td>Tones Color 96 watt Controller Preset to Edgy Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
</tr>
<tr>
<td>TCC001-T1-EN</td>
<td>Tones Color 96 watt Controller Preset to Energetic Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
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<tr>
<td>TCC001-T1-LI</td>
<td>Tones Color 96 watt Controller Preset to Lively Color selection</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP20</td>
<td>UL Class 2</td>
<td>2.36” x 1.82” x 0.71”</td>
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</tbody>
</table>

### Repeater

<table>
<thead>
<tr>
<th>Repeater</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Dimmable</th>
<th>IP Rating</th>
<th>Listing</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>ZKREP-4CH-IP</td>
<td>Tones System 96 watt repeater</td>
<td>1 x 96W</td>
<td>24 V DC</td>
<td>0-10V/PWM 1%</td>
<td>IP67</td>
<td>UL Class 2</td>
</tr>
</tbody>
</table>

### WIRING DIAGRAM

The repeater is added in line to extend a run from the Controller. 1 repeater is required for every 96W of product.