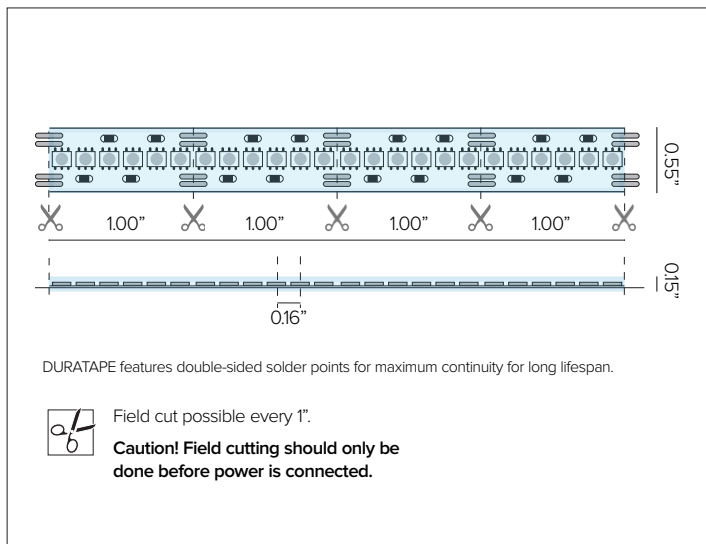
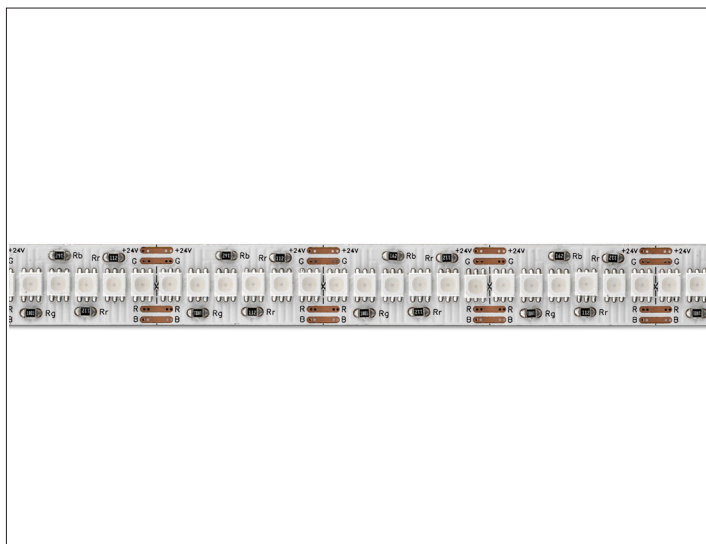


# DURATAPE HIGH DENSITY RGB IP65

## Energy Efficient Low Voltage Strip Light



### CONCEPT

The most powerful RGB strip in the range! DURATAPE HIGH DENSITY RGB features tighter spacing LED sources with no pixelization to achieve shadowless light effects in a dynamic RGB source.

### MECHANICAL CHARACTERISTICS

<b>Materials</b>	Features 3-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.
<b>Functionality</b>	Ideal for applications with reflective surfaces / direct view with use of profile and diffusion lens or OEM panel illumination.
<b>Installation</b>	Field cuttable. Manufacturer pre-assembled to specific project lengths with factory attached end prep assemblies to be mounted or inserted into thermally protective profiles, see available options. Suitable for MRI installations. Driver to be mounted outside of MRI room and to be use with PVC or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
<b>Protection</b>	IP65

### CERTIFICATIONS

cULus Class 2 Listed E471161  
 Tested in accordance with LM-79-08  
 Energy efficient for California installations.  
 RoHS compliant  
 MRI Safe, driver to be mounted outside of MRI room. To be use with plastic or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.

### WARRANTY

5 year limited warranty

### SUSTAINABILITY

DURATAPE products are packaged with environmentally friendly materials. The strip reel is comprised of cardboard and the strip bag is produced with 80% paper materials and 20% recycled plastics necessary for anti-static packaging.

### ELECTRICAL CHARACTERISTICS

<b>Power Connection</b>	Factory attached end prep, see available options. Remote Class 2 power supply with DMX/RGBW interface required, see available options. DMX 512 protocol, 0% dim range. Refer to Targetti <a href="#">Onsite Services</a> for additional programming and installation support.
<b>Wattage</b>	4.2W/ft
<b>Voltage</b>	24V DC / 3 Chan
<b>Trigger Time</b>	< 0.2s
<b>Number of cycles</b>	100,000
<b>Operating Temp.</b>	-25°C / +35°C
<b>Max Continuous Length</b>	Field trimmable every 1". 16ft per run

### SOURCE

<b>LEDs</b>	73 LEDs/ft. Tri Chip: Red 620nm / Green 525nm / Blue 470nm			
<b>Spacing</b>	0.16" O.C. LED Spacing			
<b>TM30</b>	<b>CCT (Nominal)</b>	<b>SDCM</b>		
	RGB	2		
<b>Strip &amp; LED Details</b>	<b>Model</b>	<b>W/LED</b>	<b>Delivered Lumens*</b>	<b>Viewing Angle</b>
			RGB	
		4.2W/ft	0.58W	189Lm/ft
				121°
		* Meets Title 24 High efficacy rating.		
<b>Efficacy</b>	45Lm/W max. Refer to photometric graphs for specific values.			
<b>Lifetime</b>	L70/B10 >40,000hrs at max TA +25°C			

# DURATAPE HIGH DENSITY RGB IP65

## SPECIFICATION INFORMATION

DL											
1	2	3	4	5	6	7	8	9	10	11	
						REQUIRED	OPTIONAL	REQUIRED			OPTIONAL

Ex: DLHD42ORGB24 / 07UX3CBL1/PRAP-U / DEDDX1001243CDMX

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	HD — HIGH DENSITY	42 — 4.2W/ft	O — IP65	RGB — RGB	24 — 24V DC
7 - END PREP CONNECTION	8 - INTERCONNECTION	9 - MOUNTING	10 - DRIVER	11 - CONTROL	
<b>REQUIRED</b> <a href="#">See section for details</a>	<b>OPTIONAL</b> <a href="#">See section for details</a>	<b>REQUIRED</b> <a href="#">See section for details</a>	<b>REQUIRED</b> <a href="#">See section for details</a>	<b>OPTIONAL</b> <a href="#">See section for details</a>	

## INSTALLATION EXAMPLES



# DURATAPE HIGH DENSITY RGB IP65

## 7 - END PREP CONNECTION (REQUIRED)



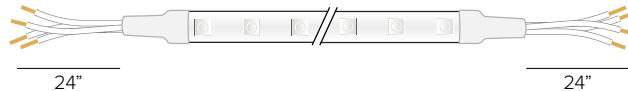
DURATAPE factory attached single 3 circuit lead wire end prep. Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end. Translucent wire with positive/negative identification that easily blends into the mounting environments.

Part No. **07UX3CBL1**

DURATAPE additional factory attached lead wire, sold per foot. Lead wire can be field cut to desired length.

Length Per foot

Part No. **07U3XADDCBL1**



DURATAPE factory attached double 3 circuit lead wire end prep. One end can be used for power connectivity while the other end can be used for DURATAPE interconnection. Translucent wire with positive/negative identification that easily blends into the mounting environments. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

Part No. **07UX3CBL2**

DURATAPE additional factory attached lead wire, sold per foot. Lead wire can be field cut to desired length.

Length Per foot

Part No. **07U3XADDCBL1**

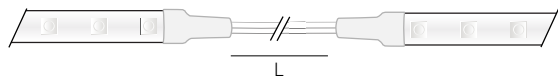
## 7 - END PREP CONNECTION (OPTIONAL)



DURATAPE 3 circuit crimp connectors, 4ea. Simplifies custom splice connections in the field. To be used for in-line connections, connecting to other lead wires, etc.

Part No. **07U3XADDCON**

## 8 - INTERCONNECTION (OPTIONAL)



DURATAPE factory attached 3 circuit interconnection wire fold, white finish. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

Length	1"	2"	3"	4"	6"
Part No.	<b>07UX3FOLDCBL-01</b>	<b>07UX3FOLDCBL-02</b>	<b>07UX3FOLDCBL-03</b>	<b>07UX3FOLDCBL-04</b>	<b>07UX3FOLDCBL-06</b>

# DURATAPE HIGH DENSITY RGB IP65

## 8 - MOUNTING (REQUIRED)

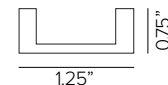
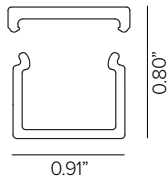
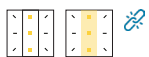
[WEBSITE LINK](#)  
[SPEC SHEET](#)

 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT VIEW

 **PIXEL**  
INDIRECT VIEW

### SURFACE PROFILES

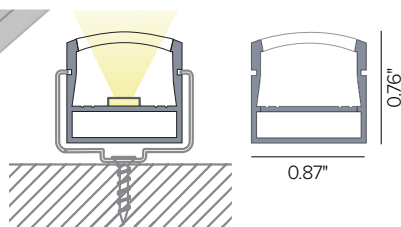


Two-piece PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 96"L

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	<b>DLHV2PCC</b>	<b>DLHV2PCF10-8</b>	<b>DLHV2PCF30-8</b>	<b>DLHV2PCF60-8</b>

Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

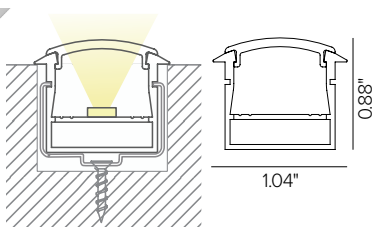
Part No. **DL88ALUMU8**



Surface mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRAP-U**

### RECESSED PROFILES



Recessed flush mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRIN-U**

# DURATAPE HIGH DENSITY RGB IP65

## 8 - MOUNTING CONT. (REQUIRED)

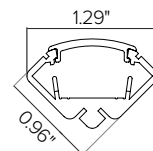
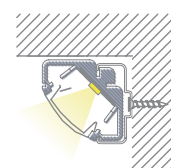
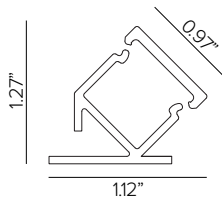
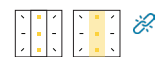
[WEBSITE LINK](#)  
[SPEC SHEET](#)

 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT VIEW

 **PIXEL**  
INDIRECT VIEW

### ANGLED PROFILES



Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 96"L

Base  
Part No. **DLHV45MCH-8**

Cover Diffusion    Clear    Frosted 10%    Frosted 30%    Frosted 60%

Cover Part No. **DLHV45CVR-8C DLHV45CVR-8F10 DLHV45CVR-8F30 DLHV45CVR-8F60**

45° anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRAN-U**

# DURATAPE HIGH DENSITY RGB IP65






## 9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDDX1001243CDMX	100W	DMX 3 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX2002243CDMX	2X100W	DMX 3 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEDD100DMX3C	100W	DMX 3 Chan	0%	IP20	120-277V / 24V	UR Class 2	9.06" x 3.15" x 1.18"	EldoLED LINEARdrive electronic driver. <b>UL Listed enclosure provided by others.</b>

### MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

Fixture Wattage	100W	2X100W
	4.2W	20FT

## 10 - CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
SWITCH20		12	1	3	Indoor	12-24V DC	UL	4.7" x 3.0" x 1.2"	RGBW touch DMX512 wall control keypad with sensitive glass touch panel, white finish.
TGDMXSLESAU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudie Slesa smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLESAU11		1024	5	99	Indoor	5VDC 120V AC <i>Plug in power supply included</i>	ETL	6.3" x 3.6" x 1.8"	Nicolaudie Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.
TGDMXSTICKDE3B		1024	10	500	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.
TGDMXSTICKDE3W		1024	10	500	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.

# DURATAPE HIGH DENSITY RGB IP65

## PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

### RGB

