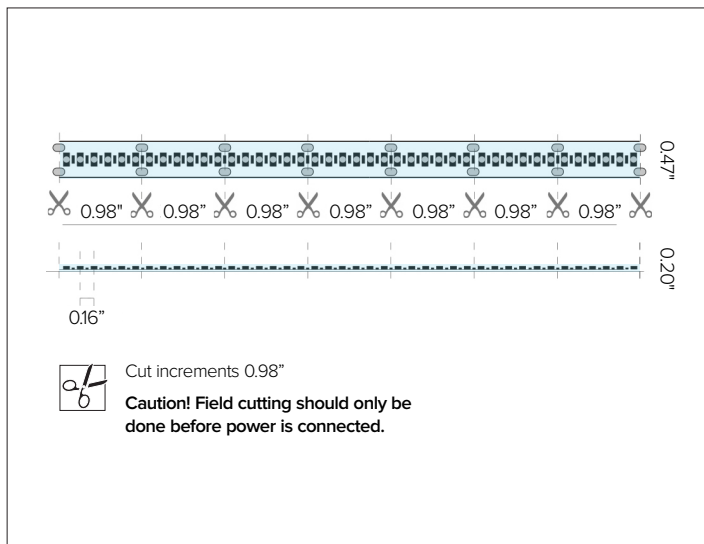
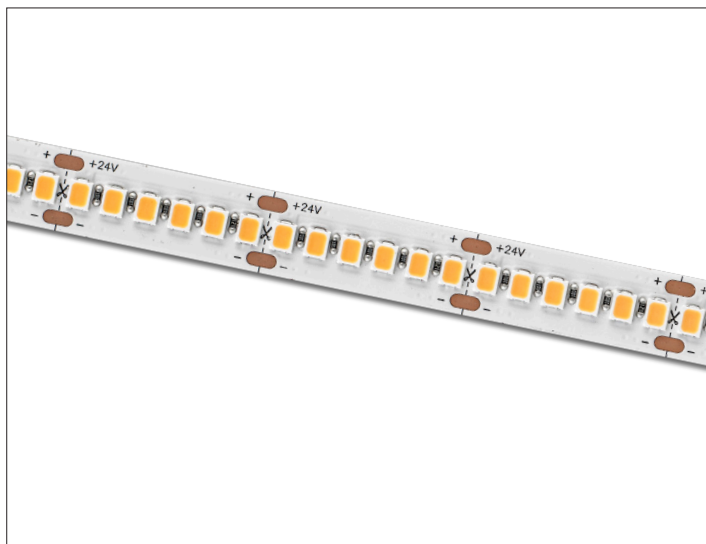


DURATAPE ABSOLUTE WHITE IP67

Consistent High Color Fidelity Low Voltage Strip Light



CONCEPT

Ideal for environments where consistent high color fidelity is required. Where perception of color is of the utmost importance, such as art galleries, museums, fabric and finish shops. DURATAPE ABSOLUTE WHITE enhances the environment colors and finishes, returning vividness of objects in all color temperatures.

MECHANICAL CHARACTERISTICS

Materials	Double layered copper 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.
Functionality	Ideal for linear applications such as cove, under-counter/cabinet, mill work, and detailed lighting accents.
Installation	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.
Protection	Strip jacket rated at IP67.

CERTIFICATIONS

cULus Class 2 Listed
 Tested in accordance with LM-79-08
 Energy efficient for California installations.
 RoHS compliant

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

Power Connection	Factory attached end prep, see available options. Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	4.3W/ft
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	Field trimmable every 0.98" 16' max

SOURCE

LEDs	73 LEDs per foot						
Spacing	0.16" O.C. LED Spacing						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	2700K	98	93	99	97	0.0009	1
	3000K	99	94	100	97	0.0012	1
	3500K	97	90	99	98	0.0016	1
	4000K	96	90	98	98	0.0023	1
Strip & LED Details	Model	W/LED	Delivered Lumens*		Viewing Angle		
			3000K	4000K			
	4.3W/ft	0.06W	377Lm/ft	396Lm/ft	117° x 122°		
	* Meets Title 24 High efficacy rating.						
Efficacy	92Lm/W max. Refer to photometric graphs for specific values.						
Lifetime	L70/B20 ≥50,000hrs at max TA +25°C						

DURATAPE ABSOLUTE WHITE IP67

SPECIFICATION INFORMATION

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

Ex: DLAW4303024 / 07LUX1CBL1 / PRAP-U / DMLV60124D

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	AW — Absolute White	43 — 4.3W/ft	O — IP67	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	24 — 24V DC
7 - END PREP CONNECTION	8 - INTERCONNECTION	9 - MOUNTING	10 - DRIVER		
REQUIRED See section for details	OPTIONAL See section for details	REQUIRED See section for details	REQUIRED See section for details		

INSTALLATION EXAMPLES



DURATAPE ABSOLUTE WHITE IP67

7 - END PREP CONNECTION (REQUIRED)



DURATAPE factory attached single 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. **07UX1CBL1**

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

Length Per foot

Part No. **07UX1ADDCBL1**



DURATAPE factory attached double 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. **07UX1CBL2**

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

Length Per foot

Part No. **07UX1ADDCBL1**

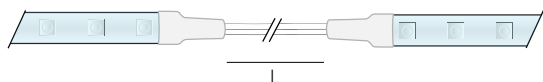
7 - END PREP CONNECTION (OPTIONAL)



DURATAPE crimp connectors, 2ea. Simplifies custom splice connections in the field. To be used for in-line connections, connecting to other lead wires, etc.

Part No. **07UX1ADDCON**

8 - INTERCONNECTION (OPTIONAL)



DURATAPE factory attached 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. **07UX1FOLDCBL-01**

07UX1FOLDCBL-02

07UX1FOLDCBL-03

07UX1FOLDCBL-04

07UX1FOLDCBL-06

DURATAPE ABSOLUTE WHITE IP67

9 - MOUNTING CONT. (REQUIRED)

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

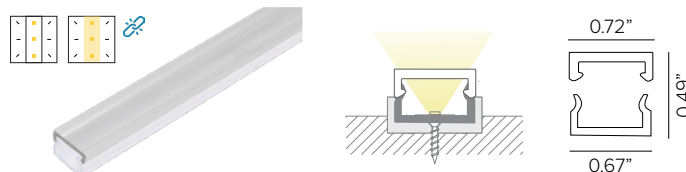


CLIPS AND SURFACE PROFILES



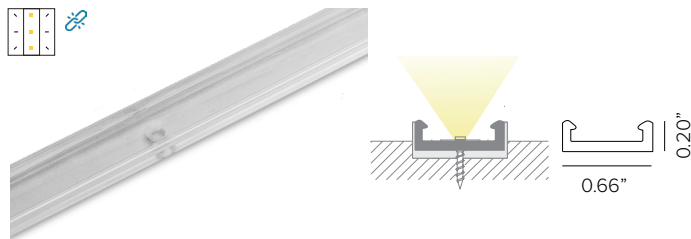
DURATAPE plastic mounting clip, package of 10ea. Recommended quantities per use: Straight flat run aiming upward 12" O.C. (1/ft); Curved aiming upward or wall mounted straight 6" O.C. (2/ft); Wall mounted curved or ceiling mounted 3" O.C. (4/ft).

Part No. **DLCLP66**



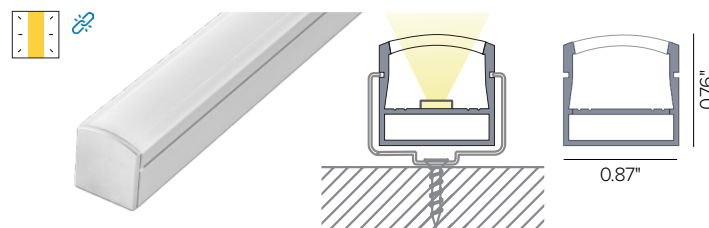
Two-piece PVC mounting tube, white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L.

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	DLW2PCC	DLW2PCF10	DLW2PCF30	DLW2PCF60



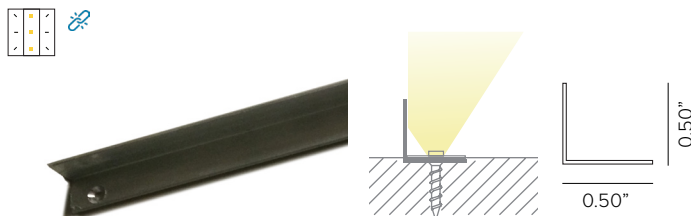
Clear PVC "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DL-MCHAN-8**



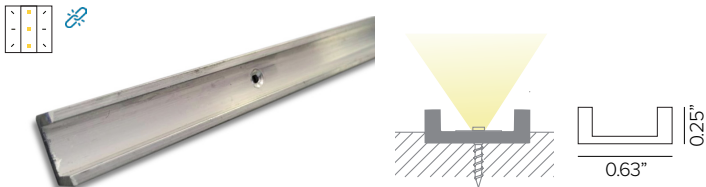
Surface mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRAP-U**



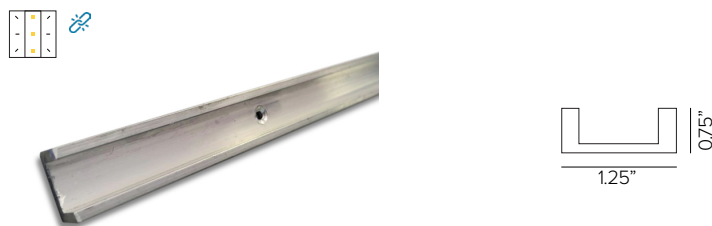
Aluminum L-Profile 1/2" x 1/2" for linear run lengths. Duratape can be mounted at either 0° or 90° mounting positions. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DLALUML8**



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

Part No. **DLALUMU8**



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

Part No. **DL88ALUMU8**

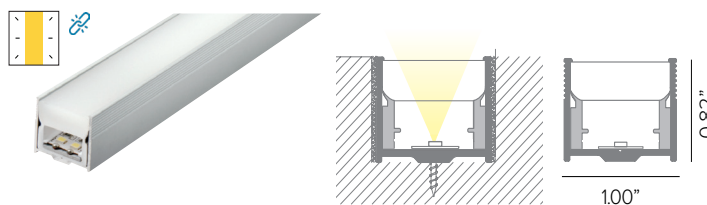
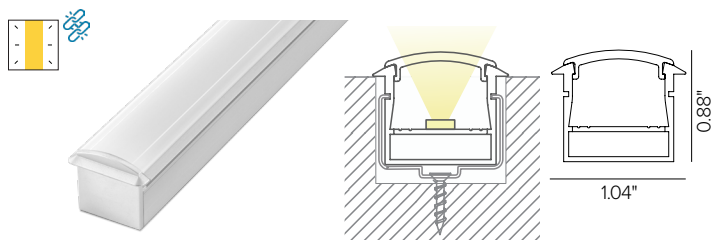
DURATAPE ABSOLUTE WHITE IP67

9 - MOUNTING CONT. (REQUIRED)

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



RECESSED PROFILES

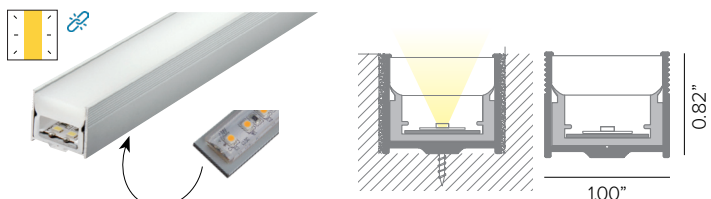


Recessed flush mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Rigid high impact two part profile with aluminum channel and white polycarbonate insert (side walls) with frosted top diffuser lens for surface or recessed mounting. Dimension: 39"L (1M)

Part No. **PRIN-U**

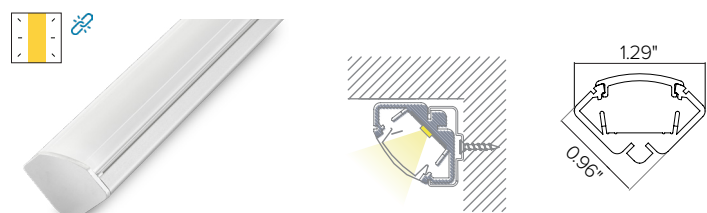
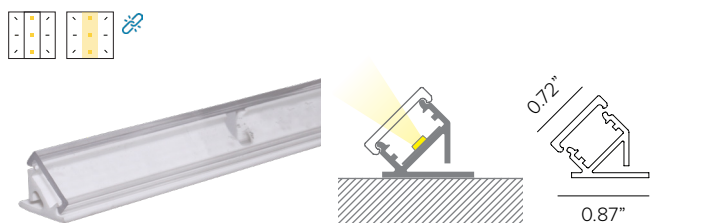
Part No. **PRINTC-GUS**



Rigid high impact three part profile with aluminum channel, white polycarbonate insert (base and side walls) with frosted top diffuser lens and aluminum track to insert strip for recessed walk over installation. Dimension: 39"L (1M)

Part No. **PRINTC-G**

ANGLED PROFILES



Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L

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

Base
Part No. **DLW45MCH-4**

Part No. **PRAN-U**

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

Cover
Part No. **DLW45CVR4-C** **DLW45CVR4-F10** **DLW45CVR4-F30** **DLW45CVR4-F60**

DURATAPE ABSOLUTE WHITE IP67

10 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	MLV <10% ELV <10% 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DMLV40124D	40W	MLV DIMMING	<1%	NEMA3R	120V / 24V	UL Class 2	8.13" x 3.93" x 1.59"	Magnetic low voltage transformer.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	MLV <10% ELV <10% 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELX601241CPWM	60W	0-10V	<10%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLV60124D	60W	MLV DIMMING	<1%	NEMA3R	120V / 24V	UL Class 2	8.13" x 3.93" x 1.59"	Magnetic low voltage transformer.
DELX901241CPWM	90W	0-10V	<10%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	MLV <10% ELV <10% 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54	EMCOD electronic driver with wiring compartment.
DMLV96124D	96W	MLV DIMMING	<1%	NEMA3R	120V / 24V	UL Class 2	8.13" x 3.93" x 1.59"	Magnetic low voltage transformer.
DELX1802242CPWM	2X90W	0-10V	<10%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	MLV <10% ELV <10% 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
DMLV192224D	2X96W	MLV DIMMING	<1%	NEMA3R	120V / 24V	UL Class 2	8.00" x 4.15" x 3.41"	Magnetic low voltage transformer.
DELX2703243CPWM	3X90W	0-10V	<10%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	MLV <10% ELV <10% 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEL60PWM	60W	0-10V	<10%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DEL90PWM	90W	0-10V	<10%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

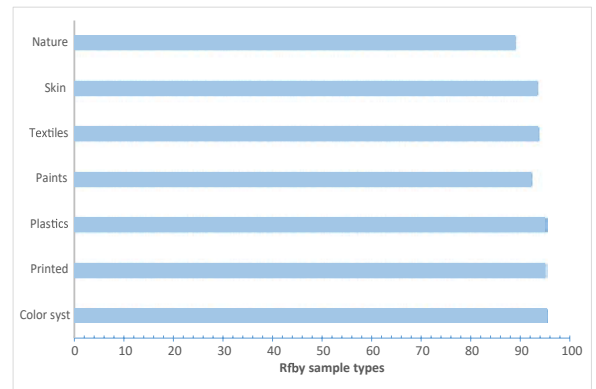
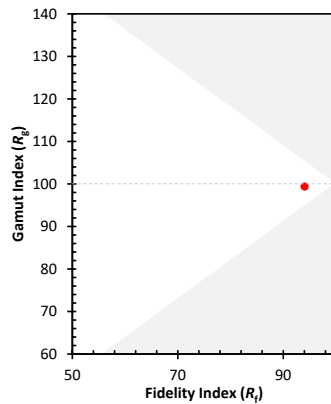
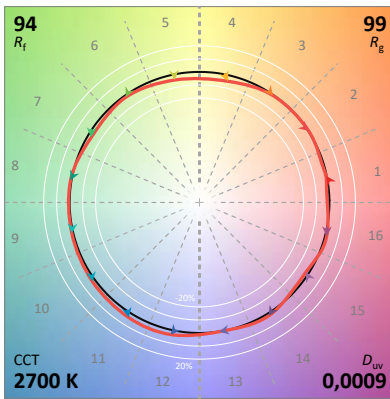
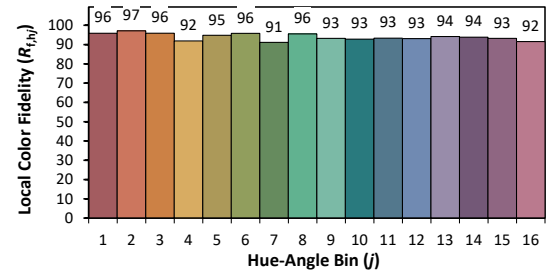
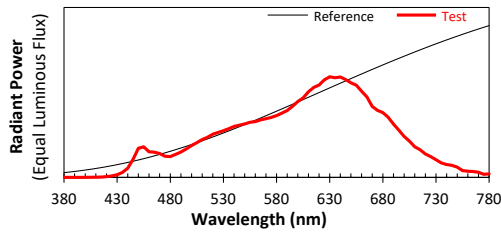
Fixture Wattage	Driver Wattage									
	30W	40W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W	
4.3W	5FT	7FT	11FT	16FT	17FT	(2) 16FT	(2) 17FT	(3) 16FT	(3) 17FT	

DURATAPE ABSOLUTE WHITE IP67

TM30 GRAPH

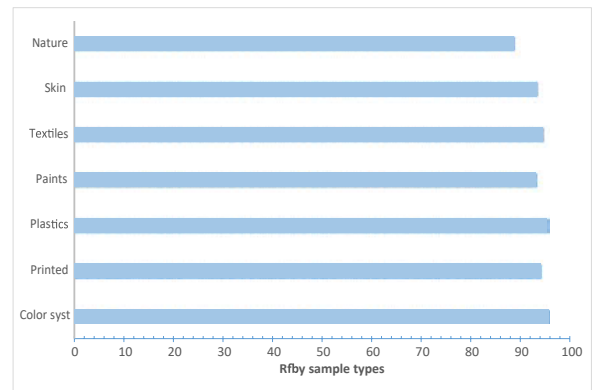
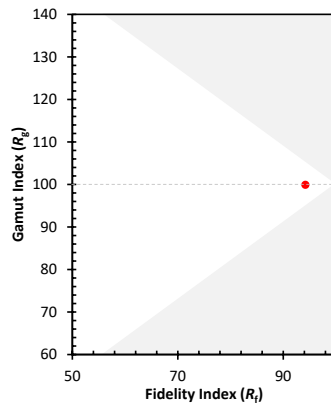
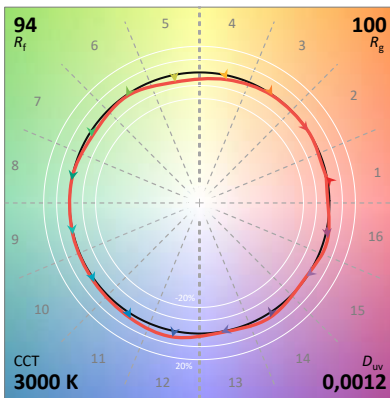
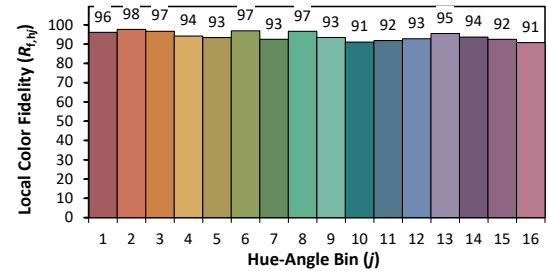
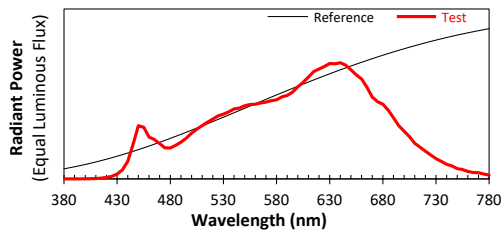
2700K

Ra	98
R9	97
Rf	93,3
Rg	99,4



3000K

Ra	99
R9	97
Rf	93,5
Rg	100,0

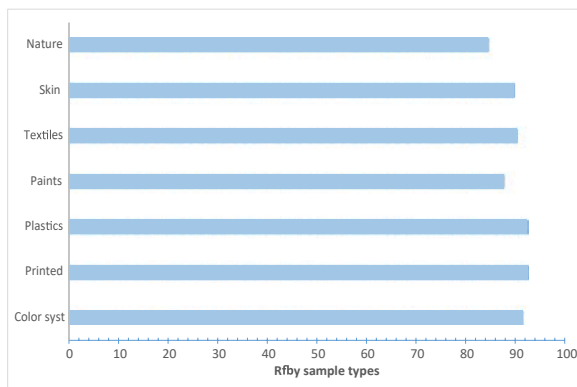
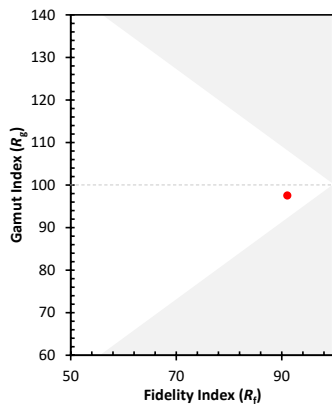
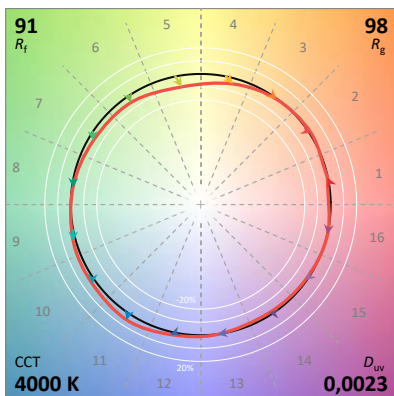
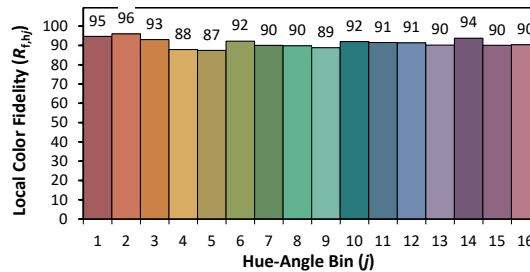
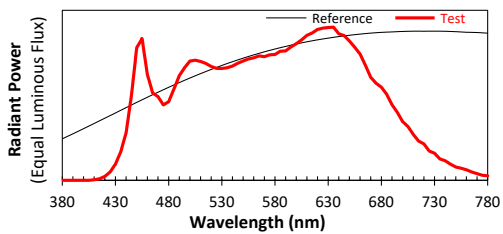


DURATAPE ABSOLUTE WHITE IP67

TM30 GRAPH

4000K

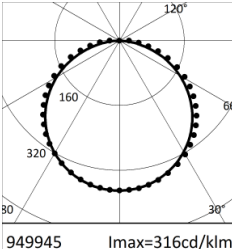
Ra	96
R9	98
Rf	89,9
Rg	97,6



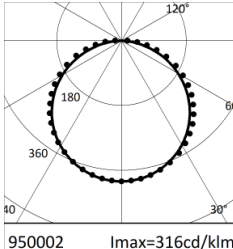
DURATAPE ABSOLUTE WHITE IP67

PHOTOMETRY

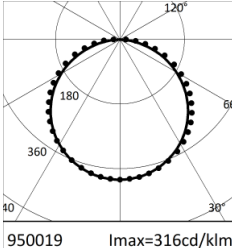
IES FILES SHOWN AT 1M (3.28FT) LENGTHS



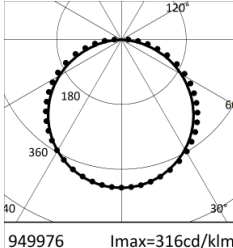
2700K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra98			117°	122°			
Fixture Power	14W	1	3.25	3.62	369		
Source Flux	1170lm	2	6.50	7.24	92		
Fixture Flux	1170lm	3	9.74	10.86	41		
Efficacy	84lm/W	4	12.99	14.48	23		
949945	I _{max} =316cd/klm	I _{max}	369cd	5	16.24	18.09	15



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra99			117°	122°			
Fixture Power	14W	1	3.25	3.62	390		
Source Flux	1235lm	2	6.50	7.24	97		
Fixture Flux	1235lm	3	9.74	10.86	43		
Efficacy	88lm/W	4	12.99	14.48	24		
950002	I _{max} =316cd/klm	I _{max}	390cd	5	16.24	18.09	16



3500K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra97			117°	122°			
Fixture Power	14W	1	3.25	3.62	390		
Source Flux	1235lm	2	6.50	7.24	97		
Fixture Flux	1235lm	3	9.74	10.86	43		
Efficacy	88lm/W	4	12.99	14.48	24		
950019	I _{max} =316cd/klm	I _{max}	390cd	5	16.24	18.09	16



4000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra96			117°	122°			
Fixture Power	14W	1	3.25	3.62	410		
Source Flux	1300lm	2	6.50	7.24	103		
Fixture Flux	1300lm	3	9.74	10.86	46		
Efficacy	93lm/W	4	12.99	14.48	26		
949976	I _{max} =316cd/klm	I _{max}	410cd	5	16.24	18.09	16