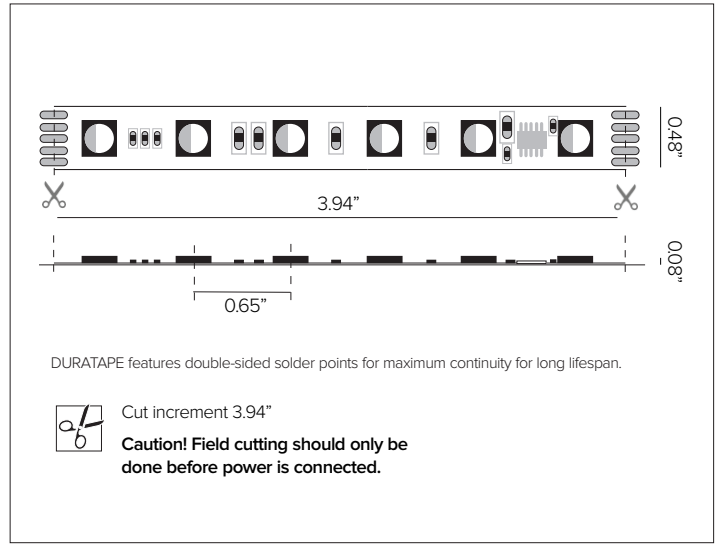
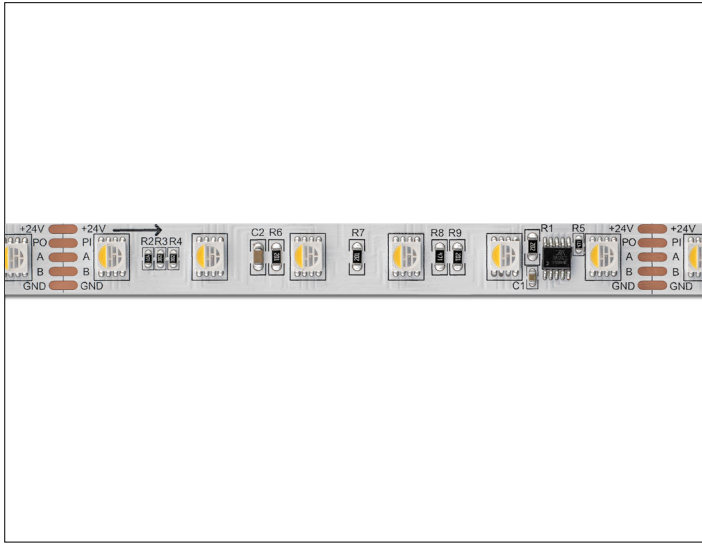


DURATAPE RGBW PIXEL CONTROL IP20

Individually Controlable RGBW LED Strip Light



CONCEPT

DURATAPE PIXEL Control allows each LED segment (4" or 6 quad chip LED's) to be independently controlled to create extremely dynamic effects. The technology available in PIXEL CONTROL allows for the control of hue, saturation, and individual pixel ranges in order to create stunning chase effects and visualizations.

MECHANICAL CHARACTERISTICS

Materials	Features double sided 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. Sold per foot and manufactured to specified lengths with factory attached end preps.
Protection	IP20

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 power supply, see available options. DMX 512 protocol, 0% dim range. Low voltage power and data are run separately into lead of strip light. DMX +/- data is run directly to strip and does not run through the driver. Refer to Targetti Onsite Services for additional programing and installation support.
Wattage	6.0W/ft / 4 Chan every 4" or 6 LED's
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	16ft Field trimmable every 3.94".

SOURCE

LEDs	18 Quad Chip LEDs/ft			
Spacing	0.65" O.C.			
TM30	CCT (Nominal)	SDCM		
	RGBW 3000K	2		
Strip & LED Details	Model	W/LED	Delivered Lumens*	Viewing Angle
	RGBW	0.33W	85.4Lm/ft RGBW	117°
Efficacy	14.2Lm/W			
Lifetime	L70/B10 >40,000hrs at max TA +25°C			

DURATAPE RGBW PIXEL CONTROL IP20

SPECIFICATION INFORMATION

DL								
1	2	3	4	5	6	7	8	9

Ex: DLPX60IRGBW24 / 07UIDMX1CBL1 / PRAP-U / DMLE601242UD

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	PX — PIXEL	60 — 6.0W/ft	I — IP20	RGBW — RGBW	24 — 24V DC
7 - END PREP CONNECTION	8 - MOUNTING	9 - DRIVER			
REQUIRED See section for details	REQUIRED See section for details	REQUIRED See section for details			

INSTALLATION EXAMPLES



DURATAPE RGBW PIXEL CONTROL IP20

7 - END PREP CONNECTION (REQUIRED)



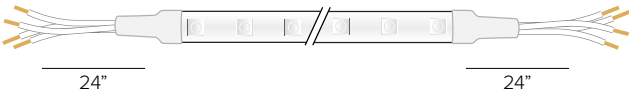
DURATAPE factory attached single 4 conductor lead wire end prep, 2 conductor shielded DMX cable and 2 conductor 18ga power cable. Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

Part No. **07UIDMX1CBL1**

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

Length Per foot

Part No. **07UIDMX1ADDCBL1-XX**



DURATAPE factory attached double 4 conductor lead wire end prep, 2 conductor shielded DMX cable and 2 conductor 18ga power cable. One end can be used for power connectivity while the other end can be used for DURATPAPE interconnection. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

Part No. **07UIDMX1CBL2**

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

Length Per foot

Part No. **07UIDMX1ADDCBL1**

DURATAPE RGBW PIXEL CONTROL IP20

8 - MOUNTING (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform
Continuous
Direct View
60%



Blend Opacity
30%

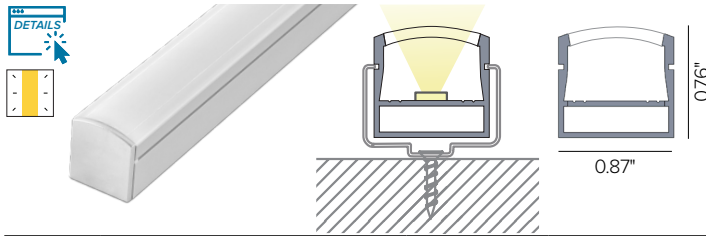


Softening
Opacity
10%



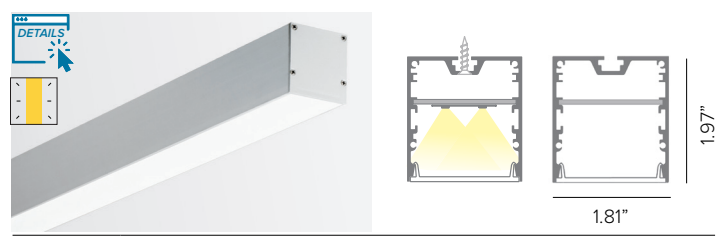
Clear

SURFACE PROFILES



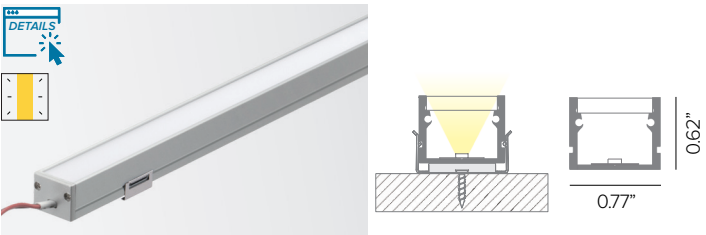
Universal surface mount anodized aluminum rigid profile complete with lens.
Dimension: 79\"L (2M)

Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	PRAP-U	PRAP-UASYM	PRAP-U30	PRAP-U60



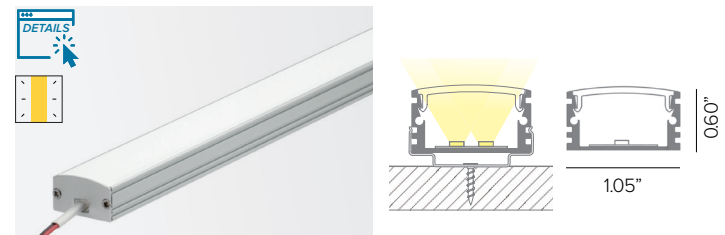
Aluminum profile with frosted polycarbonate lens for suspension installation.
Dimension: 79\"L (2M).

Part No. **P01L-S-PF-200**



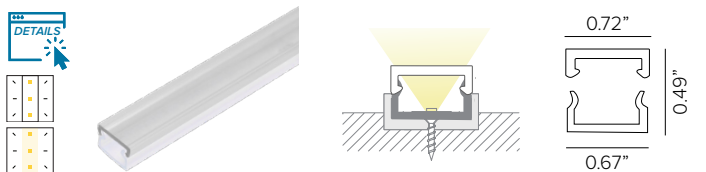
Aluminum profile with thick opal polycarbonate lens with uniform light distribution for surface installation. Dimensions: 79\"L (2M).

Part No. **P03B-S-PF-200**



Aluminum profile with frosted polycarbonate lens for surface installation.
Dimension: 118\"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59\" upon request.**

Part No. **P04B-S-PF-300**



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**



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

Part No. **DL88ALUMU8**

DURATAPE RGBW PIXEL CONTROL IP20

8 - MOUNTING CONT. (REQUIRED)


Profile Spec Sheet
Detailed Information

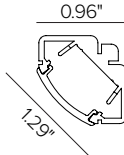
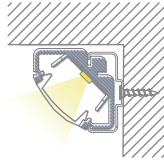
Uniform Continuous
Direct View
60%

Blend Opacity
30%

Softening Opacity
10%

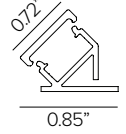
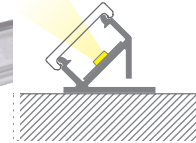

Clear

ANGLED PROFILES



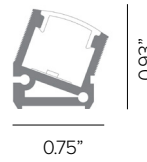
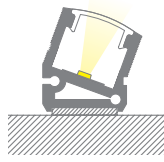
Universal 45° corner anodized aluminum rigid profile complete with lens.
Dimension: 79"L (2M)

Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	PRAN-U	PRAN-UASYM	PRAN-U30	PRAN-U60



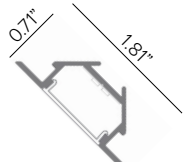
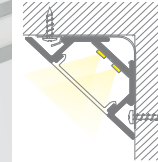
Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted).
Countersink screw holes, 12" O.C. Dimension: 48"L

Base Part No.	DLC45MCH-4			
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Cover Part No.	DLC45CVR4-C	DLC45CVR4-F10	DLC45CVR4-F30	DLC45CVR4-F60



Fixed 30° angled aluminum profile frosted polycarbonate lens for surface installation.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

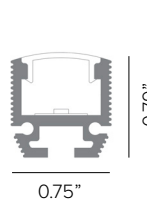
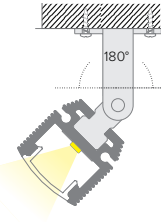
Part No. P04C-S-PF-300



Aluminum profile with frosted polycarbonate lens for use in surface 90° angles.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

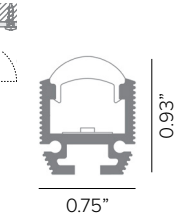
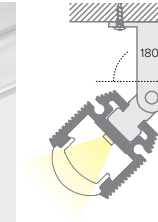
Part No. P04F-S-PF-300

ADJUSTABLE PROFILES



Surface mount adjustable aluminum profile with frosted polycarbonate lens.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

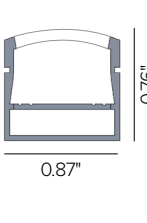
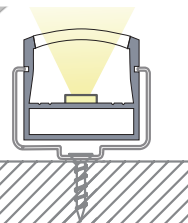
Part No. P02C-S-PF-300



Surface mount adjustable aluminum profile with opal polycarbonate lens. Lens shape creates narrower illumination. Dimension: 118"L (3M).

Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.

Part No. P03C-S-PF-300



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

Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	PRAP-U	PRAP-UASYM	PRAP-U30	PRAP-U60

DURATAPE RGBW PIXEL CONTROL IP20

8 - MOUNTING CONT. (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform
Continuous
Direct View
60%



Blend Opacity
30%

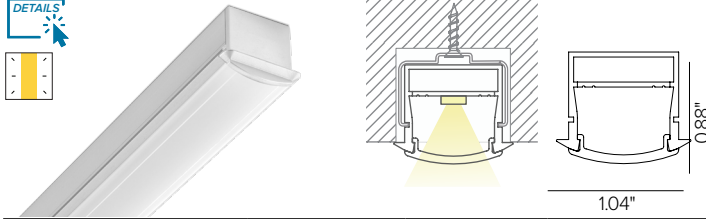


Softening
Opacity
10%



Clear

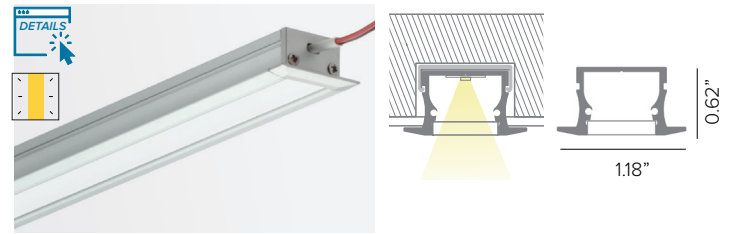
RECESSED PROFILES



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

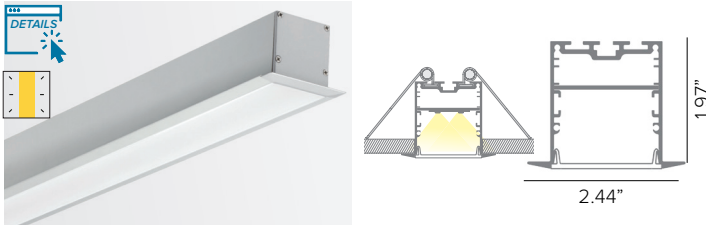
Lens Opal Diffused Asymmetric Graze Flood

Part No. **PRIN-U** **PRIN-UASYM** **PRIN-U30** **PRIN-U60**



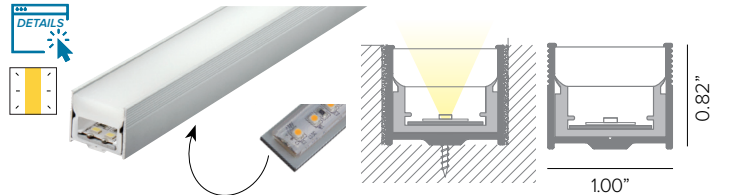
Aluminum profile with frosted polycarbonate lens for recessed installation.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P04H-S-PF-300**



Aluminum profile with opal polycarbonate lens for recessed installation.
Dimension: 79"L (2M).

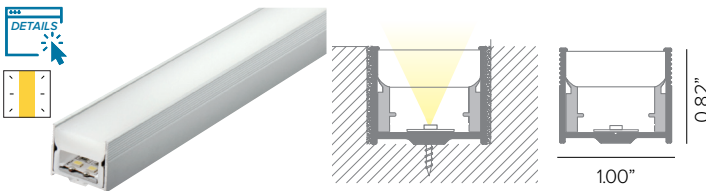
Part No. **P08D-S-PF-200**



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)

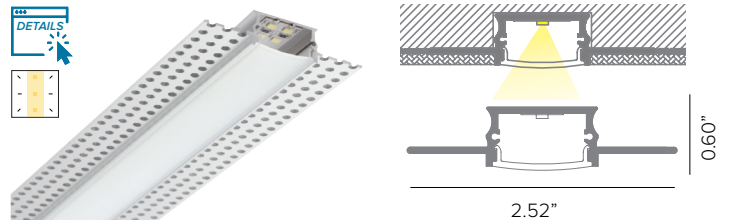
Part No. **PRINTC-G**

TRIMLESS MUD-IN PROFILE



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)

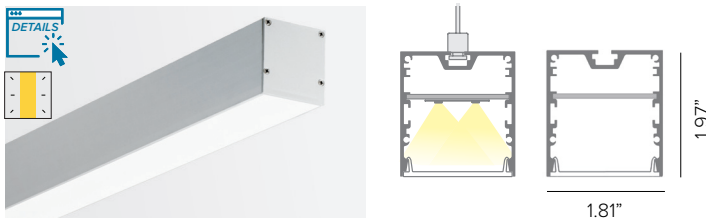
Part No. **PRINTC-GUS**



Recessed trimless mud-in flush aluminum profile with frosted polycarbonate lens.
Dimension: 79"L (2M)

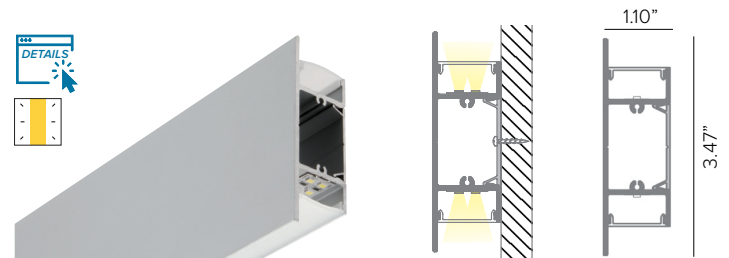
Part No. **PRINCG**

SUSPENDED PROFILES



Aluminum profile with frosted polycarbonate lens for suspension installation.
Dimension: 79" L (2M).

Part No. **P01L-S-PF-200**



Wall mount aluminum profile with 2ea. frosted polycarbonate lenses for direct/indirect illumination. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P06A-S-PF-300**

DURATAPE RGBW PIXEL CONTROL IP20





9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	N/A Direct DMX*	N/A	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DMLE601242UD	60W	N/A Direct DMX*	N/A	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DMLE961242UD	96W	N/A Direct DMX*	N/A	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD electronic driver with wiring compartment.
DMLE1922242UD	2X96W	N/A Direct DMX*	N/A	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD electronic driver with wiring compartment.
DMLE2882242UD	3X96W	N/A Direct DMX*	N/A	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD electronic driver with wiring compartment.

* Low voltage power and data are run separately into lead of strip light. DMX +/- data is run directly to strip and does not run through the driver.

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER						
Fixture Wattage	30W	60W	96W	2X96W	3X96W	
	6W	4FT	9FT	14FT	(2) 14FT	(3) 14FT

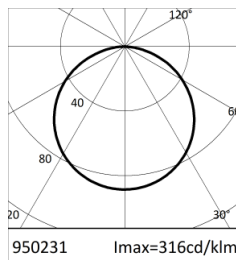
9 - CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
TGDMXSLESAU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudio Slesa smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLESAU11		1024	5	99	Indoor	5VDC 120V AC Plug in power supply included	ETL	6.3" x 3.6" x 1.8"	Nicolaudio 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 Plug in power supply included	ETL	5.8" x 4.2" x 0.5"	Nicolaudio 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 Plug in power supply included	ETL	5.8" x 4.2" x 0.5"	Nicolaudio 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 RGBW PIXEL CONTROL IP20

PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra90		117°	
Fixture Power	20W	1	3.25	88
Source Flux	280lm	2	6.50	22
Fixture Flux	280lm	3	9.74	10
Efficacy	14lm/W	4	12.99	6
950231	I _{max} =316cd/klm	I _{max}	88cd	5
			16.24	4

WIRING DIAGRAM

