

Rubber 3D Optic



General: Rubber is a broad family of flexible lighting fixtures created to resolve even the most challenging architectural details and applications (columns, curved walls), both indoor and outdoor. Rubber is available in multiple solutions: from a 3D version with a diffused output that bends in every direction, to 2D Mini (only 0.2" wide) options that bend sideways, to get to the unique 3D Optic.

3D Optic has dedicated optics every inch which make this 360° bendable product a real lighting machine, unique in its category and with an unprecedented attention to its design and look.

Fixture Body: Polyurethane resin blended into a PVC flexible channel. Rubber 3D Optic bends 360° (Min. Bending Radius 9.9").

Mounting/Casing: Multiple mounting solutions available: straight PVC or Aluminum channels and mounting clips with or without wireway; articulated channel to follow any shape the product is bent to.

Drive-over: Walk-Over only.

Dimensions/Weight: 39.3" (0.64 lbs) – 59" (0.99 lbs) – 118.1" (1.98 lbs)

Driver: Remote, 24V DC Dimmable 0-10V or Non-Dim.

Wattages: 6.7 W/ft. Individual fixture wattage: 22W (39.3") – 33W (59") – 66W (118.1")

Cable: Fixture comes with 0.82' of cable (Power cable required, ordered separately).

IP rating: IP67 for temporary flooding up to 3.28' depth for up to a maximum of 30 mins.

IK rating: IK 07

ETL Certification: ETL, wet location

Optics: Fixed, Elliptical/Spot or Elliptical/Flood.

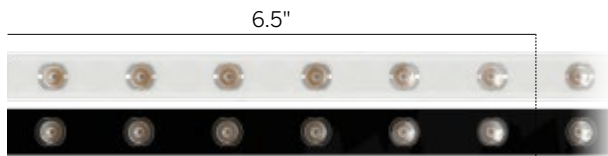
Color temperatures: 2700K – 3000K – 4000K.

CRI: 85+

Lumen Maintenance: L70 projections tested at Tj 65° C and Ta 25°.

L90 (TM21 Projected 85C) 54,000 hours.

Warranty: 5-year Limited Warranty on fixtures. 1-year Limited Warranty on Remote Drivers.



See mounting instructions for field cutting ✂



White Finish Delivered Lumens*	39.3"	59"	118.1"	lm/ft
ELSP	1859	2775	5412	564
ELFL	1965	2931	5716	596

*Values shown for 3000K

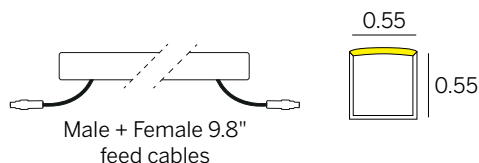
Black Finish Delivered Lumens*	39.3"	59"	118.1"	lm/ft
ELSP	1595	2380	4639	484
ELFL	1694	2528	4927	514

*Values shown for 3000K

Ordering Information								(Required) ³		
RUB		3DOpt		7 - CV						
Product	Trim/Finish	Type	Length	Wattage/Operation	Color Temp	Optic	+	Profile	Cable	Driver
RUB = Rubber	WH = White Finish BL = Black Finish	3DOpt = 3D Optics	39 = 39.3" 59 = 59" 118 = 118.1"	7 CV = 6.7W/ft / Remote Constant Voltage 24V DC	27 = 2700K 30 = 3000K 40 = 4000K	ELSP = Elliptical/Spot ELFL = Elliptical/Flood		99549 C-K100007 83034 C-K100009 C-F400001 C-F400002 C-F400003 C-F400004 C-K100011 99539 99521	E99688 E99689	OT96-D010 DI96-24V- JBX-DPH- D010 LUT96-L3D0

³ See page 2

6.7W/ft 24V DC



DRIVER OPTIONS (pick one)

C.V. Power supply options (remote only)

OT96-D010

Dry location 96W 24V
0-10V 10% dimmable

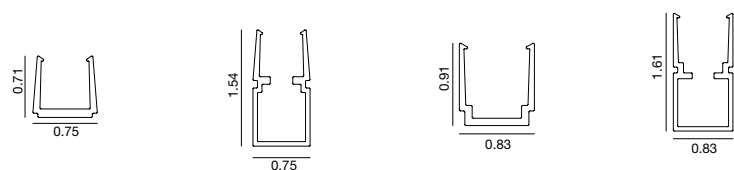
D196-24V-JBX-DPH-D010

Wet location 96W 24V
Forward Phase or 0-10V dimmable

LUT96-L3D0

Dry location 96W 24V
Lutron EcoSystem
0.1% dimmable

Profile



99549 Anod. Al.

C-K100007 Black A.A.

Linear profile
Length 39.4 in



83034* Anod. Al.

C-K100009* Black A.A.

Linear profile with
cable run
Length 39.4 in



C-F400001 Anod. Al.

C-F400002 Black A.A.

Clip with
toothed spring
Length 2 in

C-F400003 Anod. Al.

C-F400004 Black A.A.

Clip with toothed
spring with cable run
Length 2 in



C-K100011
Flexible Profile 39.64 x
0.51 x 0.63 in

Anod. Al.



99539
Pair of end caps
and silicone tube



***99521**
Polystyrene Concrete-pour
preparation kit for 83034
/ C-K100009 profiles only
(not to be used on curved
runs) 1.6"H x 0.9"W x
39.8"L

Cables



E99688

female connector
78.7 in

E99689

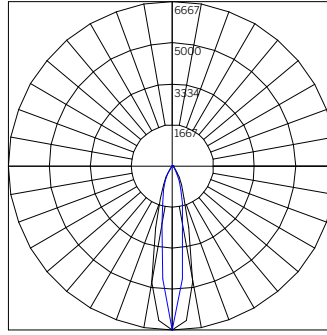
male connector
78.7 in

Rubber 3D Optic

BLACK

inter•lux

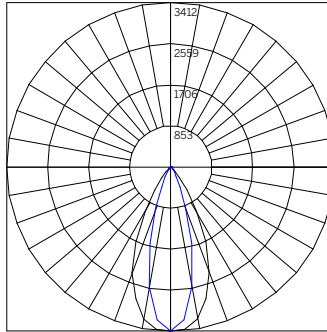
RUB-BL-3DOpt-...-CV-ELSP...				
Delivered Lumens - Elliptical/Spot				
		Length [Wattage]		
		39 [7 CV]	59 [7 CV]	118 [7 CV]
CCT	27-	1514	2260	4407
	30-	1595	2380	4639
	40-	1674	2499	4871
Polar Plot / Cone Of Light Multiplier				
		39 [7 CV]	59 [7 CV]	118 [7 CV]
		1.00	1.49	2.91



Beam Angle (0-180) = 15.6
Beam Angle (90-270) = 26.6

CONE OF LIGHT - 22W/reel 3000K		
Elliptical/Spot		
RUB-BL-3DOpt-39-7-CV-30-ELSP*		
Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Width [Ft]
20	17	5.5
18	21	4.9
16	26	4.4
14	34	3.8
12	46	3.3
10	67	2.7
8	104	2.2
6	185	1.6
4	417	1.1
2	1668	0.5

RUB-BL-3DOpt-...-CV-ELFL...				
Delivered Lumens - Elliptical/Flood				
		Length [Wattage]		
		39 [7 CV]	59 [7 CV]	118 [7 CV]
CCT	27-	1609	2402	4681
	30-	1694	2528	4927
	40-	1778	2528	4927
Polar Plot / Cone Of Light Multiplier				
		39 [7 CV]	59 [7 CV]	118 [7 CV]
		1.00	1.49	2.91



Beam Angle (0-180) = 29.4
Beam Angle (90-270) = 50.2

CONE OF LIGHT - 22W/reel 3000K		
Elliptical/Flood		
RUB-BL-3DOpt-39-7-CV-30-ELFL*		
Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Width [Ft]
20	9	10.5
18	11	9.4
16	13	8.4
14	17	7.3
12	24	6.3
10	34	5.2
8	53	4.2
6	95	3.1
4	213	2.1
2	854	1.0

*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.