



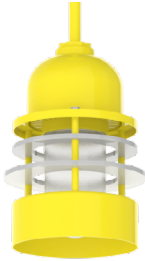
TECH ACRYLIC SERIES
DAMP / WET LOCATION
TIERS

PROJECT: _____

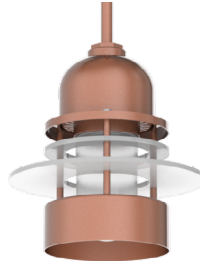
QUANTITY: _____ TYPE: _____



TA1610GV
RD - Red Baron



TA0510GV
AY - Aero Yellow



TA1010GV
CO - Copper Metallic



TA1610GV
EG - Evergreen

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	ACCESSORIES	MOUNTING ⁵	FINISH ⁹	WET KIT
TA0510GV TA1010GV TA1610GV	15L 1500 Lm 27L 2700 Lm	80 CRI 27K 2700K 30K 3000K 35K 3500K 40K 4000K 90 CRI 27HK 2700K 30HK 3000K 35HK 3500K 40HK 4000K	EX Electronic Driver, 120V/277V DS2W1 ELV/MLV, 120V DO10X 1%, 0-10V, 120V/277V DLTE1¹ Lutron® 2-Wire Forward Phase (MLV), 120V DL3EX¹ 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	FJ1⁴ 3" Frosted Tall	WALL MOUNT CP104 Small Driver Canopy CP104KO Small Driver Canopy w/ Knockouts CP106 Large Driver Canopy CP6/RMD Remote Mount Driver SP90⁶ Straight Arm PA⁶ Mounting Arm Style CEILING MOUNT RDC5 Small Driver Canopy CP13³ Large Driver Canopy HM⁷ Hang Straight AT⁷ Hang Straight All Thread PM⁷ Rigid Pendant Mount CD⁷ Cord / Cable Mount CM⁷ Cord Mount EMCR⁸ 10W Large Driver Canopy EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure	MW¹⁰ Matte White MB¹⁰ Matte Black PT¹⁰ Platinum Silver CC Custom Color	WLKA Wet Location Kit

EXAMPLE: TA1610GV15L27KD010XFJ1/RDC5CD36CO

NOTES:

1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 Available with CP106/CP13 Only 4 Standard Enclosure 5 See Mounting Page for Details on Components and Finishes 6 See Mounting Page for Available Arm Options 7 Specify Length in Inches: See Mounting Page for Available Lengths 8 EMCR Replaces RDC5 or CP13 9 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 10 Standard Finishes



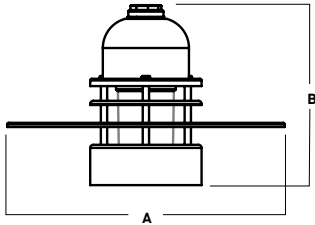


TECH ACRYLIC SERIES DAMP / WET LOCATION TIERS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
TA1610GV15L	1500	645	10	65
TA1610GV27L	2700	1125	18	63

¹Nominal Source Lumens at 35K ²Nominal Delivered Lumens at 35K

HOUSING DIMENSIONS



Dimensioned with TA1610GV

SERIES	A	B
TA0510GV	7.5	10.7
TA1010GV	10.3	10.7
TA1610GV	16.5	10.7

APPLICATION

Tech Acrylic series for decorative general area lighting.

FEATURES

Spectrum Lighting's RLM Classics are reproductions of classic lighting fixtures reimaged with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED module and driver are serviceable for future replacement.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Interior painted same finish as exterior.

ELECTRONICS

GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe and may be field cut.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Wet Location Option. Manufactured and tested to UL standards No. 1598/8750.

SERIES SIZES

TA0510GV



TA1010GV



TA1610GV

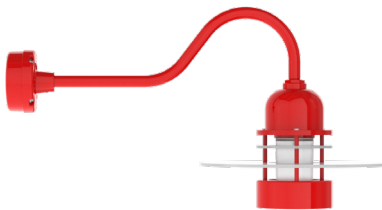


WALL MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.)

PA_

MOUNTING ARM STYLE



TA1610GV SHOWN WITH CP104PA23

CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / AT / PM

HANG STRAIGHT / ALL THREAD / PENDANT



TA1610GV SHOWN WITH RDC5PM

CD

CORD / CABLE MOUNT



TA1610GV SHOWN WITH RDC5CD

CM

CORD MOUNT



TA1610GV SHOWN WITH RDC5CM





TECH ACRYLIC SERIES

DAMP / WET LOCATION

TIERS / PHOTOMETRIC DATA

TA0510GV-27L-35K-EX-FJ1-MB

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE		MULTIPLE UNITS: PERFORMANCE								
			INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0.00°				Mounting Height	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0.00°	379	0° - 20°	118	10%			FC *	W/Sq. Ft.	FC *	W/Sq. Ft.		
	20.00°	247	20° - 50°	325	29%	5.5'	13 fc	8'	5'	47	0.94	36	0.94
	40.00°	163	50° - 80°	371	33%	6.5'	9 fc	12'	7'	16	0.32	18	0.46
	60.00°	150	80° - 90°	97	9%	7.5'	7 fc	16'	9'	10	0.20	7	0.20
	80.00°	98	0° - 90°	912	80%	8.5'	5 fc	Delivered Illuminance Rating: (DIR)		50 FC per W/Sq. Ft.		38 FC per W/Sq. Ft.	
	90.00°	81	90° - 120°	195	17%	10.0'	4 fc	2' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50 * Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by 81% ** Exceeds spacing criteria by 18% *** Exceeds spacing criteria by -1%					
	100.00°	73	120° - 150°	27	2%	12.0'	3 fc						
	110.00°	56	Total	1,134	100%	14.0'	2 fc						
	120.00°	31				16.0'	1 fc						
	140.00°	2											
	160.00°	1											
	180.00°	1											
	Delivered Lumens: 1,134	CP at 0deg (Nadir): 379				Lamp Multiplier: 15L x 0.573							
	Luminaire Watts: 18	CRI: 85+				CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03							
	LER: 63.00												

TA1010GV-27L-35K-EX-FJ1-MB

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE		MULTIPLE UNITS: PERFORMANCE								
			INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0.00°				Mounting Height	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0.00°	387	0° - 20°	121	11%			FC *	W/Sq. Ft.	FC *	W/Sq. Ft.		
	20.00°	257	20° - 50°	350	31%	5.5'	13 fc	8'	5'	47	0.94	37	0.94
	40.00°	181	50° - 80°	332	29%	6.5'	9 fc	12'	7'	16	0.32	18	0.46
	60.00°	118	80° - 90°	97	9%	7.5'	7 fc	16'	9'	10	0.20	8	0.20
	80.00°	98	0° - 90°	900	79%	8.5'	5 fc	Delivered Illuminance Rating: (DIR)		50 FC per W/Sq. Ft.		39 FC per W/Sq. Ft.	
	90.00°	79	90° - 120°	210	18%	10.0'	4 fc	2' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50 * Average Footcandles at 2.5' Above Floor ** Exceeds spacing criteria by 79% *** Exceeds spacing criteria by -17%					
	100.00°	76	120° - 150°	31	3%	12.0'	3 fc						
	110.00°	64	Total	1,142	100%	14.0'	2 fc						
	120.00°	39				16.0'	2 fc						
	140.00°	2											
	160.00°	1											
	180.00°	1											
	Delivered Lumens: 1,142	CP at 0deg (Nadir): 387				Lamp Multiplier: 15L x 0.573							
	Luminaire Watts: 18	CRI: 85+				CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03							
	LER: 63.44												

TA1610GV-27L-35K-EX-FJ1-MB

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE		MULTIPLE UNITS: PERFORMANCE								
			INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0.00°				Mounting Height	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0.00°	389	0° - 20°	120	11%			FC *	W/Sq. Ft.	FC *	W/Sq. Ft.		
	20.00°	255	20° - 50°	355	32%	5.5'	13 fc	8'	5'	47	0.94	37	0.94
	40.00°	184	50° - 80°	303	27%	6.5'	9 fc	12'	7'	16	0.32	18	0.46
	60.00°	120	80° - 90°	87	8%	7.5'	7 fc	16'	9'	10	0.20	8	0.20
	80.00°	79	0° - 90°	865	77%	8.5'	5 fc	Delivered Illuminance Rating: (DIR)		50 FC per W/Sq. Ft.		39 FC per W/Sq. Ft.	
	90.00°	76	90° - 120°	215	19%	10.0'	4 fc	2' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50 * Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by 81% ** Exceeds spacing criteria by 18% *** Exceeds spacing criteria by -1%					
	100.00°	74	120° - 150°	43	4%	12.0'	3 fc						
	110.00°	68	Total	1,125	100%	14.0'	2 fc						
	120.00°	49				16.0'	2 fc						
	140.00°	4											
	160.00°	1											
	180.00°	1											
	Delivered Lumens: 1,125	CP at 0deg (Nadir): 389				Lamp Multiplier: 15L x 0.573							
	Luminaire Watts: 18	CRI: 85+				CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03							
	LER: 62.50												



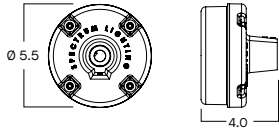
MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

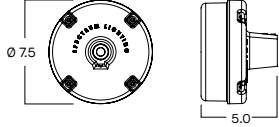


WALL MOUNTING

CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED
NOT AVAILABLE W/ PA16 & PA16F



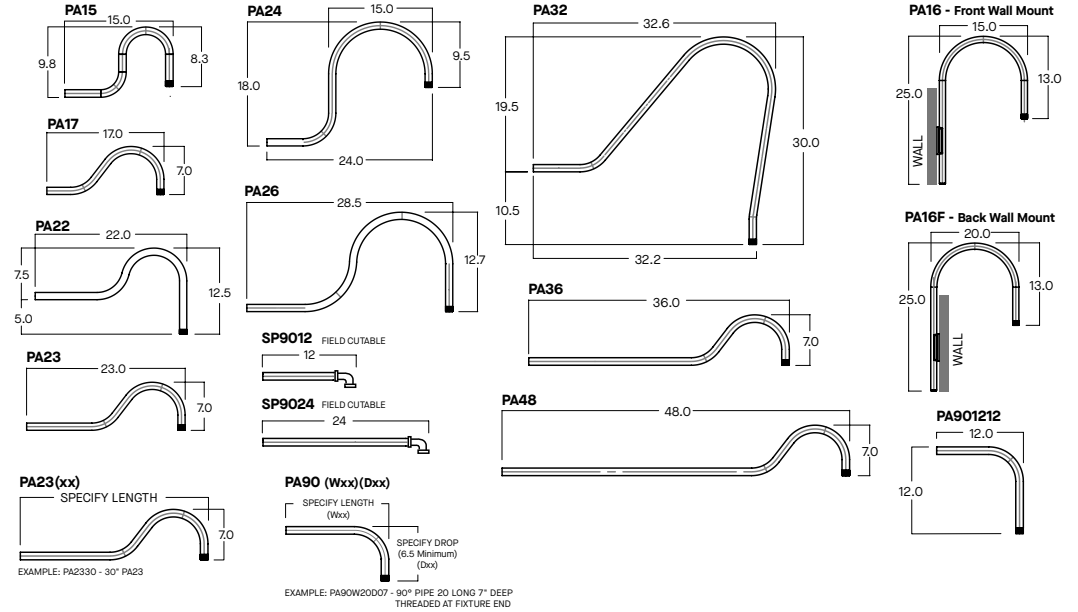
CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED



CP6/RMD - REMOTE MOUNT DRIVER
MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX

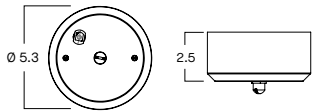


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

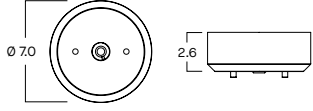


CEILING MOUNTING

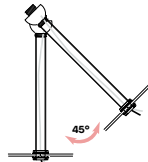
RDC5 - SMALL DRIVER CANOPY (STANDARD)
MOUNTS TO 4" OCTO J-BOX



CP13 - LARGE DRIVER CANOPY

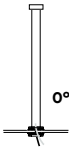


HM*
HANG STRAIGHT
45° SWIVEL 5/8" OD STEM - 3/8" IP



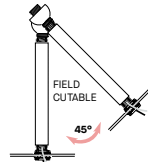
ORDER: HM (Length)
SPECIFY LENGTH:
HM3 - 3" HM24 - 24"
HM6 - 6" HM36 - 36"
HM12 - 12" HM48 - 48"
HM18 - 18" HM72 - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

PM*
RIGID PENDANT MOUNT
RIGID 5/8" OD STEM - 3/8" IP



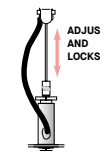
ORDER: PM (Length)
SPECIFY LENGTH:
PM3 - 3" PM24 - 24"
PM6 - 6" PM36 - 36"
PM12 - 12" PM48 - 48"
PM18 - 18" PM72 - 72"
PMLC(XX)
Custom Length
(Specify in Inches)

AT**
HANG STRAIGHT ALL THREAD
45° SWIVEL 5/8" OD STEM - 1/4" IP



ORDER: AT (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"
AT48 - 48"
AT60 - 60"
AT72 - 72"

CD
CORD / CABLE MOUNT
SJ CORD WITH 1/16" SS CABLE



ORDER: CD (Length)
SPECIFY LENGTH:
CD36 - 36"
CD72 - 72"
CD144 - 144"
CDLC(XX)
Custom Length
(Specify in Inches)

CM
CORD MOUNT
SJ CORD WITH STRAIN RELIEF

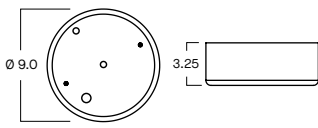


ORDER: CM (Length)
SPECIFY LENGTH:
CM36 - 36"
CM72 - 72"
CM144 - 144"
CMLC(XX)
Custom Length
(Specify in Inches)

*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.
**ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

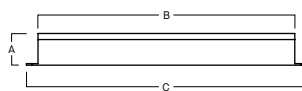
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY



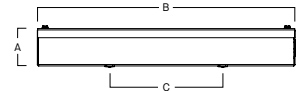
REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY (50" MAX)



A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50" MAX)



A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE. CONTACT FACTORY.

