



TECH ACRYLIC SERIES

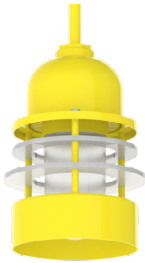
DAMP LOCATION

INTERIOR - TIERS

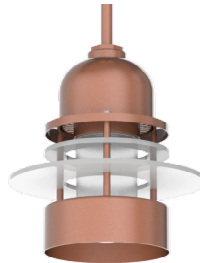
PROJECT: _____
TYPE: _____



TA1610GV
RD- Red Baron



TA0510GV
AY - Aero Yellow



TA1010GV
CO - Copper Metallic



TA1610GV
EG - Evergreen

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ²	ACCESSORIES	MOUNTING ⁶	FINISH ¹¹
TA0510GV TA1010GV TA1610GV	15L 27L	1500 Lm 2700 Lm	27K 2700K 30K 3000K 35K 3500K 40K 4000K	EX DS2W1 DS10X DO10X ³ DLTE1 ⁴ DL3EX ⁴	Electronic Driver, 120V/277V ELV/MLV, 120V 10%, 0-10V, 120V/277V 1%, 0-10V, 120V/277V Lutron® 2-Wire Forward Phase (MLV), 120V 1%, Lutron® EcoSystem®, Fades to Black, 120V/277V	FJ1 ⁵ 3" Frosted Tail
						WALL MOUNT CP104 ^{3/7} Small Driver Canopy CP106 ^{4/7} Large Driver Canopy CP6/RMD Remote Mount Driver PA ⁸ Mounting Arm Style CEILING MOUNT RDC5 ³ Small Driver Canopy CP13 ⁴ Large Driver Canopy HM ⁹ Hang Straight AT ⁹ Hang Straight All Thread PM ⁹ Rigid Pendant Mount CD ⁹ Cord / Cable Mount CM ⁹ Cord Mount EMCR ¹⁰ 10W Large Driver Canopy EM EMRM 7W Remote EM EMEN 7W Remote with Enclosure

EXAMPLE: TA1610GV15L27KDS10XFJ1/RDC5CD36CO

NOTES:

1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 Available with CP106/RDC5/CP13 Only 4 Available with CP106/CP13 Only
5 Standard Enclosure 6 See Mounting Page for Details on Components and Finishes 7 Contact Factory for Knock Out Holes 8 See Mounting Page for Available Arm Options
9 Specify Length in Inches: See Mounting Page for Available Lengths 10 EMCR Replaces RDC5 or CP13 11 See Color Page for More Options/Consult Factory for Special Finishes
12 Standard Finishes



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.





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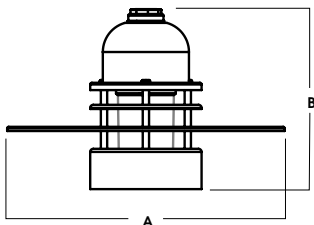
DAMP LOCATION

INTERIOR - 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

¹ Nominal Source Lumens at 35K ² Nominal 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. GV Series is designed for damp or dry locations.

FEATURES

Spectrum Lighting's RLM Classics are reproductions of classic lighting fixtures reimagined 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. Manufactured and tested to UL standards No. 1598/8750.

SERIES SIZES

TA0510GV



TA1010GV



TA1610GV

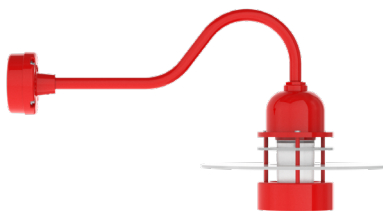


WALL MOUNT

(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



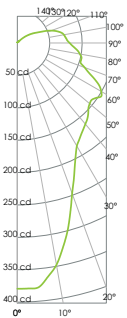


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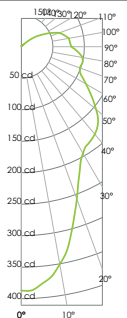
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INTERIOR - TIERS / PHOTOMETRIC DATA

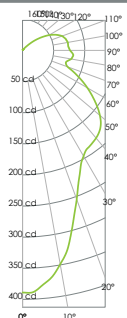
TA0510GV-27L-35K-EX-FJ1-MB

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT																																																																																																	
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TA1010GV-27L-35K-EX-FJ1-MB

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

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT																																																																																																														
	<table><tr><th></th><th>0.00°</th></tr><tr><td>0.00°</td><td>389</td></tr><tr><td>20.00°</td><td>255</td></tr><tr><td>40.00°</td><td>184</td></tr><tr><td>60.00°</td><td>120</td></tr><tr><td>80.00°</td><td>79</td></tr><tr><td>90.00°</td><td>76</td></tr><tr><td>100.00°</td><td>74</td></tr><tr><td>110.00°</td><td>68</td></tr><tr><td>120.00°</td><td>49</td></tr><tr><td>140.00°</td><td>4</td></tr><tr><td>160.00°</td><td>1</td></tr><tr><td>180.00°</td><td>1</td></tr></table>		0.00°	0.00°	389	20.00°	255	40.00°	184	60.00°	120	80.00°	79	90.00°	76	100.00°	74	110.00°	68	120.00°	49	140.00°	4	160.00°	1	180.00°	1	<table><tr><td>0° - 20°</td><td>120</td><td>11%</td></tr><tr><td>20° - 50°</td><td>355</td><td>32%</td></tr><tr><td>50° - 80°</td><td>303</td><td>27%</td></tr><tr><td>80° - 90°</td><td>87</td><td>8%</td></tr><tr><td>0° - 90°</td><td>865</td><td>77%</td></tr><tr><td>90° - 120°</td><td>215</td><td>19%</td></tr><tr><td>120° - 150°</td><td>43</td><td>4%</td></tr><tr><td>Total</td><td>1,125</td><td>100%</td></tr></table>	0° - 20°	120	11%	20° - 50°	355	32%	50° - 80°	303	27%	80° - 90°	87	8%	0° - 90°	865	77%	90° - 120°	215	19%	120° - 150°	43	4%	Total	1,125	100%	<table><tr><th>Mounting Height AFF</th><th>FC at Center on Floor</th></tr><tr><td>5.5'</td><td>13 fc</td></tr><tr><td>6.5'</td><td>9 fc</td></tr><tr><td>7.5'</td><td>7 fc</td></tr><tr><td>8.5'</td><td>5 fc</td></tr><tr><td>10.0'</td><td>4 fc</td></tr><tr><td>12.0'</td><td>3 fc</td></tr><tr><td>14.0'</td><td>2 fc</td></tr><tr><td>16.0'</td><td>2 fc</td></tr></table>	Mounting Height AFF	FC at Center on Floor	5.5'	13 fc	6.5'	9 fc	7.5'	7 fc	8.5'	5 fc	10.0'	4 fc	12.0'	3 fc	14.0'	2 fc	16.0'	2 fc	<table><tr><th>Ceiling Height</th><th>Fixture Spacing</th><th colspan="2">RCR 2</th><th colspan="2">RCR 4</th></tr><tr><td></td><td></td><td>FC *</td><td>W/Sq. Ft.</td><td>FC *</td><td>W/Sq. Ft.</td></tr><tr><td>8'</td><td>5' *</td><td>47</td><td>0.94</td><td>37</td><td>0.94</td></tr><tr><td>12'</td><td>7' **</td><td>16</td><td>0.32</td><td>18</td><td>0.46</td></tr><tr><td>16'</td><td>9' ***</td><td>10</td><td>0.20</td><td>8</td><td>0.20</td></tr><tr><td colspan="2">Delivered Illuminance Rating: (DIR)</td><td colspan="2">50 FC per W/Sq. Ft.</td><td colspan="2">39 FC per W/Sq. Ft.</td></tr><tr><td colspan="6">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%</td></tr></table>	Ceiling Height	Fixture Spacing	RCR 2		RCR 4				FC *	W/Sq. Ft.	FC *	W/Sq. Ft.	8'	5' *	47	0.94	37	0.94	12'	7' **	16	0.32	18	0.46	16'	9' ***	10	0.20	8	0.20	Delivered Illuminance Rating: (DIR)		50 FC per W/Sq. Ft.		39 FC per W/Sq. Ft.		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%					
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Delivered Lumens: 1,125 Luminaire Watts: 18 LER: 62.50	CP at 0deg (Nadir): 389 CRI: 85+			Lamp Multiplier: 15L x 0.573 CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03																																																																																																														

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.



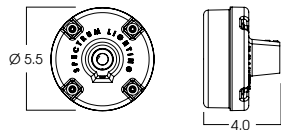
MOUNTING & ACCESSORIES

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.

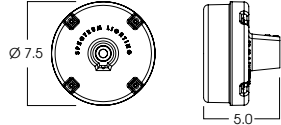


WALL MOUNTING

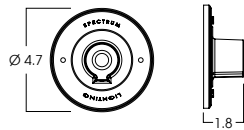
CP104 - SMALL DRIVER CANOPY (STANDARD)
MAY BE USED AS SPLICE BOX FOR DIRECT FEED



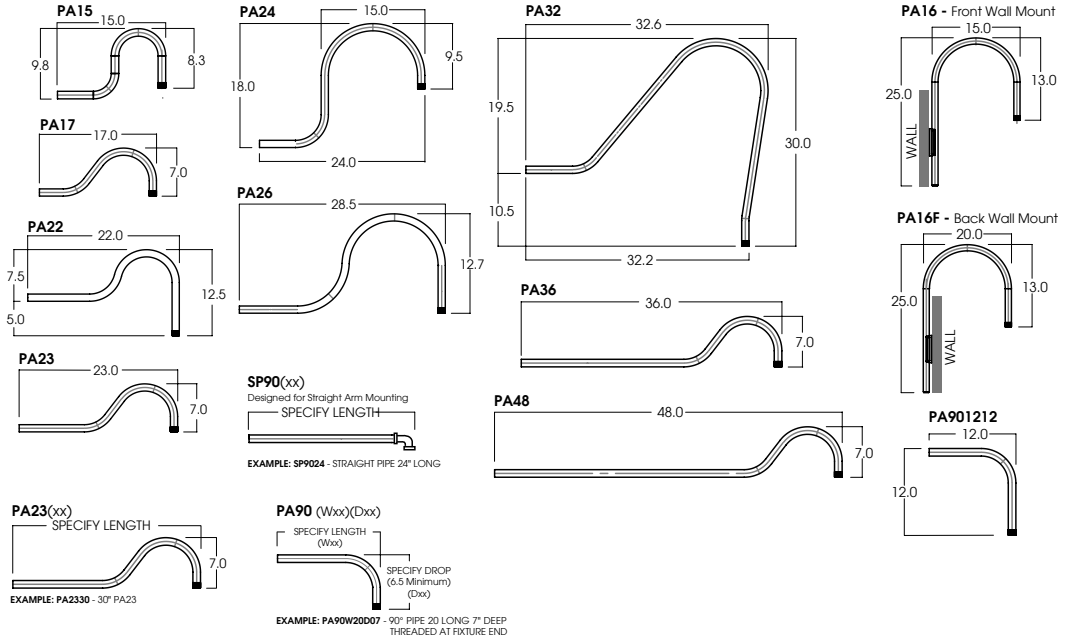
CP106 - LARGE DRIVER CANOPY
MAY BE USED AS SPLICE BOX FOR DIRECT FEED



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

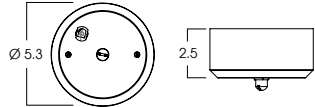


CUSTOM AND OTHER WALL ARMS AVAILABLE - CONTACT FACTORY. ARMS MAY BE FIELD CUT ON WALL SIDE - FIXTURE SIDE THREADED 3/4" NPT REQUIRES SEALANT FOR WET LOCATION.

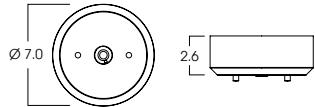


CEILING MOUNTING

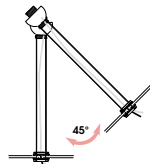
RDC5 - SMALL DRIVER CANOPY (STANDARD)
MOUNTS TO 4" OCTO J-BOX



CP13 - LARGE DRIVER CANOPY

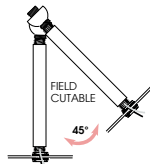


HM* HANG STRAIGHT
45° SWIVEL 1/2" STEM - 3/8" NPT



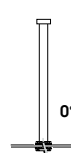
ORDER: **HM** (Length)
SPECIFY LENGTH:
HM3 - 3" HM24 - 24"
HM6 - 6" HM36 - 36"
HM12 - 12" HM48 - 48"
HM18 - 18" HM72 - 72"
HMLC(XX)
Custom Length
(Specify in Inches)

AT** HANG STRAIGHT ALL THREAD
45° SWIVEL 1/2" STEM - 1/4" IP



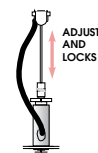
ORDER: **AT** (Length)
SPECIFY LENGTH:
AT12 - 12"
AT24 - 24"
AT36 - 36"
FIELD CUT THREADED PIPE TO LENGTH REQUIRED
CUT PIPE COVER 1/2" SPACERS
SLIP PIPE COVER OVER THREADED PIPE

PM* RIGID PENDANT MOUNT
RIGID 1/2" STEM - 3/8" NPT



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)

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

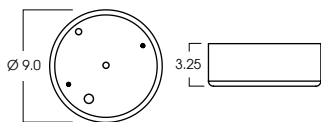


ORDER: **CM** (Length)
SPECIFY LENGTH:
CM36 - 36"
CM72 - 72"
CM144 - 144"
CMLC(XX)
Custom Length
(Specify in Inches)

*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

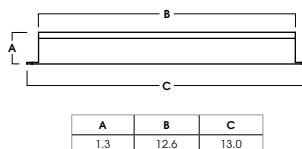
EMERGENCY BATTERY OPTIONS

EMCR - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY
(FOR ROUND CEILING MOUNT TYPES)

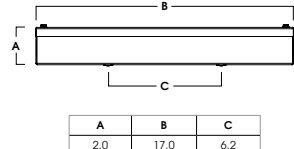


REMOTE EMERGENCY BATTERY OPTIONS

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



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



*OTHER EM BATTERY SIZES AVAILABLE, CONTACT FACTORY.

COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



STANDARD CORD / STEM / CANOPY FINISHES

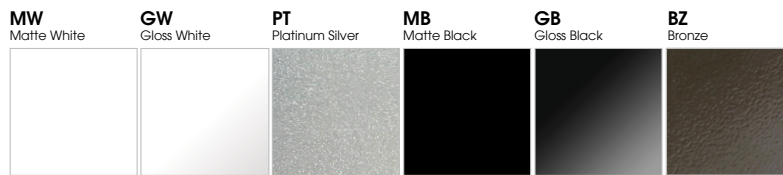
FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Gloss Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

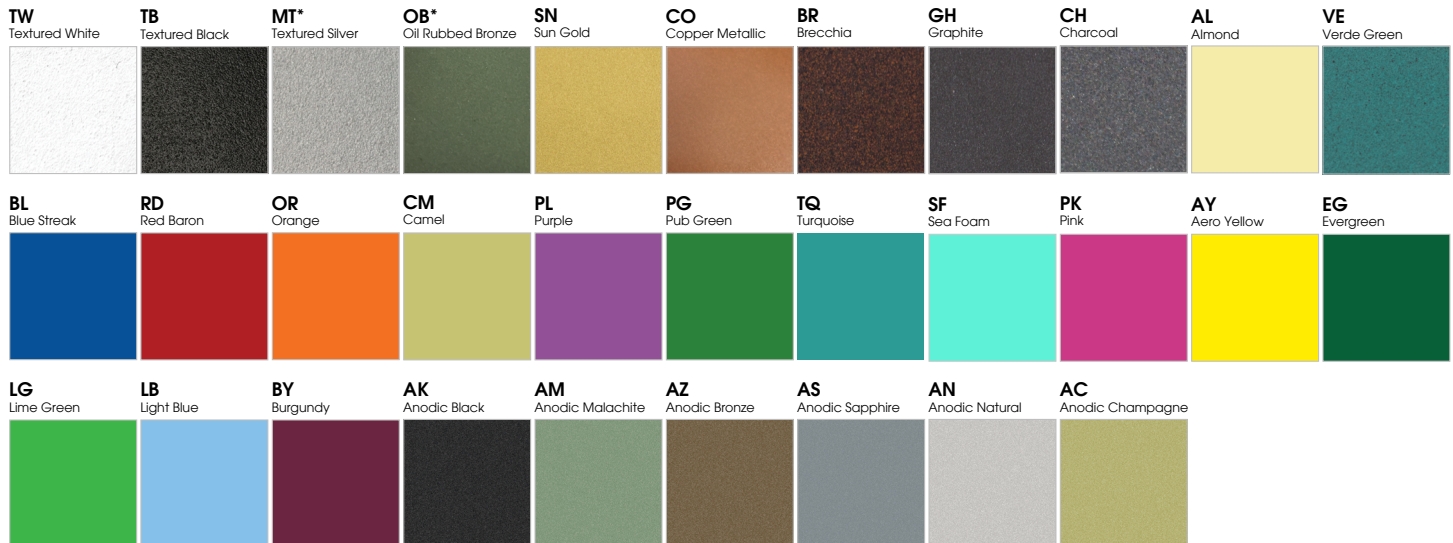
TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	①
Tier 2 - Typical Finishes	\$\$	①①
Tier 3 - Special Metal Finishes	\$\$\$	①①①
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

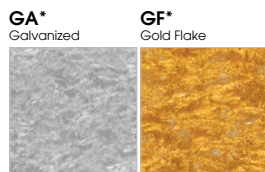
TIER 1 - STANDARD FINISHES



TIER 2 - TYPICAL FINISHES



TIER 3 - SPECIAL METAL FINISHES



CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color



*UNAVAILABLE FOR WET LOCATION