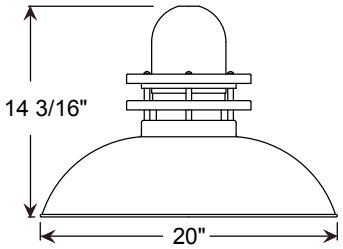
Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

Material:
RLM shades are constructed of heavy duty spun aluminum. Wall back plate and driver housing are cast aluminum. All fasteners are stainless steel. Inside of shade is reflective white finish for all colors except galvanized paint finish. Screw hardware may not match paint.

Glass:
Comes standard. 24w Max. Choice of clear, frosted or prismatic.

Electrical:
Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming to 1% protocols are standard for LED modules. (12w is 120v and TRIAC dimming only)

See page 2 table for LED module and driver specs, voltage and dimming protocols..

Certifications:
Cord mounts are UL Listed for dry locations. Arm mount, stem mount and wall mount are UL Listed for wet locations.

Finish:
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
Consult factory for custom or modified designs.

ORBT220
LED

Weight: 3.5 lbs

Catalog Logic

ORBT220 - CL - M024LDD W 40K - RTCW - E6 - PC - 41 - UNV

RLM Style | Glass | Light Source, Wattage & Dimming | Distribution | CCT | Driver Housing | Mounting | Accessories | Finish | Voltage

Catalog Number

1	2	3	4	5	6	7	8	9
ORBT220 –				–		–		–		–	UNV

1 GLASS

Up to 24w Options	
CL	(Clear Glass)
FR	(Frosted Glass)
PR	(Prismatic Glass)

2 LIGHT SOURCE & WATTAGES

M012LDN	(12w, 750 lumen, Cree module) Integral driver, 120V, TRIAC dimming & narrow distribution only.
M009LDD	(9w, 850 lumen, Cree module)
M010LDD	(10w, 1250 lumen, Cree module)
M016LDD	(16w, 2000 lumen, Cree module)
M024LDD	(24w, 3000 lumen, Cree module)

3 DISTRIBUTION

W (T5 Wide Distribution with Dome LED Lens)

N* (T5 Narrow Distribution with Flat LED Lens)

***12w is narrow only, select "N".**

4 COLOR TEMPERATURE (CCT)

27K	(2700K)
30K	(3000K)
35K	(3500K)
40K	(4000K)

5 DRIVER HOUSINGS*

NA	(Housing not required for 12w)
Wall Mount Options Choose Arm in Box 6	
RTCW	(Driver Housing for Wall only (E-arms); 6 1/2" OD x 5 5/8" H)
SRTCW	(Smooth Driver Housing for Wall only (E-arms); 6" OD x 2 7/8" H)
RTCNCW	(Driver Housing/No Spun Cover for Wall only (E-arms); 5 7/8" OD x 2 5/8" H)
Cord Mount Options Choose Cord Style in Box 6	
CRD-RTCC	(Driver Housing for Cord only; 6 1/2" OD x 5 5/8" H)
CRD-SRTCC	(Smooth Driver Housing for Cord only; 6" OD x 2 7/8" H)
CRD-RTCNCC	(Driver Housing/No Spun Cover for Cord only; 5 7/8" OD x 2 5/8" H)
Cable Mount Options Choose Cord Style in Box 6	
SSC-RTCC	(Driver Housing for SS Cable/Cord only; 6 1/2" OD x 5 5/8" H)
SSC-SRTCC	(Smooth Driver Housing for SS Cable/Cord only; 6" OD x 2 7/8" H)
SSC-RTCNCC	(Driver Housing/No Spun Cover for SS Cable/Cord only; 5 7/8" OD x 2 5/8" H)
Stem Mount Options Choose Stem Size in Box 6	
ST-RTCC	(Driver Housing for Stem only; 6 1/2" OD x 5 5/8" H)
ST-SRTCC	(Smooth Driver Housing for Stem only; 6" OD x 2 7/8" H)
ST-RTCNCC	(Driver Housing/No Spun Cover for Stem only; 5 7/8" OD x 2 5/8" H)
Emergency Backup Housing Options Choose EMG Driver in Box 7	
CRD-DCCEM	(Emergency Ballast Housing for Cord only; 12" OD x 1 1/2" H) **Choose Cord Style in Box 6.**
ST-DCCEM	(Emergency Ballast Housing for Stem only; 12" OD x 1 1/2" H) **Choose Stem Size in Box 6.**
SSC-DCCEM	(Emergency Ballast Housing for SS Cable/Cord only; 12" OD x 1 1/2" H) **Choose Cord Style in Box 6.**

***Driver Housing finish will match fixture finish.**

6 MOUNTING SOURCES*

Arm Mounts

E3 E4 E6 E8 E9 E10 E11 E12 E18 E25

Wall Mounts

WM54 WM74 WM317

Post Mounts

PM10 PM20 PM30 PM40 PM50 PM319

Cord Mounts Color & Style
(See page 4 for color cord style)

SJT Cord	
BLC (6' Black SJT Cord)	**WHC** (6' White SJT Cord)
Solid Fabric Colored Cords	
BLSF (6' Black)	**ORSF** (6' Orange)
GYSF (6' Gray)	**LGSF** (6' Lime Green)
CHSF (6' Chocolate Brown)	**KGSF** (6' Kelly Green)
WHSF (6' White)	**CBSF** (6' Cobalt Blue)
CASF (6' Cardinal)	**SBSF** (6' Sky Blue)
Patterned Fabric Colored Cords	
BWHPF (6' Black/White Houndstooth)	**BIHPF** (6' Brown/Ivory Houndstooth)
GYCPF (6' Gray/Citrus Yellow)	**MOSPF** (6' Magenta/Orange Stripe)
NMTPF (6' Navy Mini Tweed)	
Glossy Fabric Colored Cords	
GMGF (6' Gun Metal)	**SSGF** (6' Sterling Silver)
CPGF (6' Copper Penny)	**BRGF** (6' Bronze)
GOGF (6' Gold)	

Stem Mounts

1/2" (13/16" OD) Rigid Stems	3/4" (1" OD) Rigid Stems
2ST6 2ST12 2ST18	**3ST6 3ST12 3ST18**
2ST24 2ST36 2ST48	**3ST24 3ST36 3ST48**
2ST60 2ST72 2ST96	**3ST60 3ST72 3ST96**

***Arm mounts, Wall mounts or Stem finish will match fixture finish.**

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Project: _____

Fixture Type: _____ **Quantity:** _____

Customer: _____

7 ACCESSORIES*

***EMG-LED06** (6w, LED Emergency Driver, remote placement, Cree module only, Not applicable for 12w LED)
MUST CHOOSE DCCEM CANOPY IN BOX 5.

***EMG-LED10** (10w, LED Emergency Driver, remote placement, Cree module only, Not applicable for 12w LED)
MUST CHOOSE DCCEM CANOPY IN BOX 5.

***EMG-LED16** (16w, LED Emergency Driver, remote placement, Cree module only, Not applicable for 12w LED)
MUST CHOOSE DCCEM CANOPY IN BOX 5.

***EMG-LED20** (20w, LED Emergency Driver, remote placement, Cree module only, Not applicable for 12w LED)
MUST CHOOSE DCCEM CANOPY IN BOX 5.

GR20 (20" Wire Grill)**

PC (Button Photo Cell) Remote Only

SC (Scroll for Arms)**

SLC (Sloped Ceiling Mount Canopy, 20° Max)**

SQ (Square Back Plate)**

SWL (Adjustable Locking Swivel)**

TBK (Turn Buckle Kit)**

***For Emergency lumen output data; see Resources section at www.ANPlighting.com**

****Accessory finish will match fixture finish.**

8 FINISHES

***Marine Grade Finish has an additional charge**

Standard Colors	Standard Grade	Marine Grade*	Premium Colors	Premium Grade	Marine Grade*
Aspen Green	**10**	10M	High Gloss Black	**01**	01M
Cantaloupe	**11**	11M	Arctic Silver	**14**	14M
Lilac	**12**	12M	Candy Apple Red	**64**	64M
Putty	**13**	13M	Cobalt Blue	**65**	65M
Raw Unfinished	**40**	NA	Caramel	**66**	66M
Black	**41**	41M	Butterscotch	**67**	67M
Forest Green	**42**	42M	Black Silver	**68**	68M
Bright Red	**43**	43M	Gunmetal Gray	**69**	69M
White	**44**	44M	Mayan Gold	**79**	NA
Bright Blue	**45**	45M	Textured Desert Stone	**80**	80M
Sunny Yellow	**46**	46M	Extreme Chrome	**81**	81M
Aqua Green	**47**	47M	Graystone	**82**	82M
Galvanized	**49**	NA	Oil Rubbed Bronze	**83**	83M
Navy	**50**	50M	Carbon Graphite	**96**	96M
Architectural Bronze	**51**	51M			
Patina Verde	**52**	52M			
Copper Clay	**53**	53M			
Silver	**56**	56M			
Black Verde	**61**	61M			
Painted Chrome	**70**	70M			
Painted Copper	**71**	71M			
Textured Black	**72**	72M			
Matte Black	**73**	73M			
Textured Architectural	**76**	76M			
Textured White	**77**	77M			
Textured Silver	**78**	78M			

Consult Factory for additional paint charges and availability.

9 VOLTAGE

UNV (120-277)

LED MODULE SPECIFICATIONS

LED	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
9W	2700K	850	11W	97
	3000K	850	11W	97
	3500K	850	11W	97
	4000K	850	11W	97
10W	2700K	1250	12W	125
	3000K	1250	12W	125
	3500K	1250	12W	125
	4000K	1250	12W	125
12W	2700K	750	12W	65
	3000K	750	12W	65
	3500K	750	12W	65
	4000K	750	12W	65
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125
24W	2700K	3000	29W	125
	3000K	3000	29W	125
	3500K	3000	29W	125
	4000K	3000	29W	125

MODULE SPECIFICATION:

- Efficacy 65-125 lumens per watt
- Life: L70 50,000 hours
- Color temp: 2700K, 3000K, 3500K and 4000K
- CRI: >90

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

MODULE DRIVER SPECIFICATION:

- Input Voltage: 120-277 Volts; 50/60Hz
- Dimmable down to 1%
- 0-10V, TRIAC and ELV dimming protocols are standard. (12w is 120v and TRIAC dimming only)
- Output Current: Constant Current; 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A.

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty*

*Limited Warranty: A typical year is defined as 4380 hours of operation

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Project: _____

Fixture Type: _____ **Quantity:** _____

Customer: _____

ARM MOUNTS | Dimensions are Projection x Height | CB included with all arms | Arm will match fixture finish

E3 | 35" x 11 7/8"

E4 | 29" x 14"

E6 | 29" x 9 1/4"

E8 | 32 1/4" x 12 1/2"

E9 | 28" x 43 5/8"

E10 | 55 1/4" x 18"

E11 | 38 1/4" x 17 1/4"

E12 | 40 3/8" x 2"

E18 | 30 3/4" x 21 3/8"

E25 | 23" x 5 1/4"

Driver Housings

	RTCW (6 1/2" OD x 5 5/8" H) Wall Only (E-arms)
	RTCNCW (5 7/8" OD x 2 5/8" H) Wall Only (E-arms)
	SRTCW (6" OD x 2 7/8" H) Wall Only (E-arms)
	ST-RTCC (6 1/2" OD x 5 5/8" H) Stem Only CRD-RTCC (6 1/2" OD x 5 5/8" H) Cord Only SSC-RTCC (6 1/2" OD x 5 5/8" H) Cable Only
	ST-RTCNCC (5 7/8" OD x 2 5/8" H) Stem Only CRD-RTCNCC (5 7/8" OD x 2 5/8" H) Cord Only SSC-RTCNCC (5 7/8" OD x 2 5/8" H) Cable Only
	ST-SRTCC (6" OD x 2 7/8" H) Stem Only CRD-SRTCC (6" OD x 2 7/8" H) Cord Only SSC-SRTCC (6" OD x 2 7/8" H) Cable Only
	ST-DCCEM (12" OD x 1 1/2" H) Stem Only CRD-DCCEM (12" OD x 1 1/2" H) Cord Only SSC-DCCEM (12" OD x 1 1/2" H) Cable Only

GLASS
UP TO 24W MAX

Glass Legend: **CL** = Clear **FR** = Frosted **PR** = Prismatic

Glass Only (8" H X 4 1/2" W)

CL

FR

PR

WALL MOUNTS | Dimensions are Projection x Height | POST MOUNTS | Dimensions are Projection x Height

WM54 | 23 3/8" x 18"

WM74 | 22" x 26 1/2"

WM317 | 15" x 12 3/4"

PM10 | 14 1/2" x 25"

PM20 | 30 1/8" x 25"

PM30 | 21 5/8" x 28 7/8"

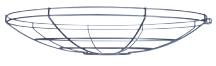
PM40 | 43 3/8" x 28 7/8"

PM50 | 27" x 38"

PM319 | 16 5/8" x 27 1/2"

ACCESSORIES

EMG-LED



GR20

PC

SLC

SQ

SWL

TBK

SC

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Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

All fabric Color Cords are three conductor, 1/4” diameter

Solid Fabric Colored Cords

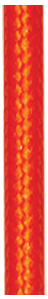
BLSF | Black

GYSF | Gray

CHSF | Chocolate Brown

WHSF | White

CASF | Cardinal



ORSF | Orange

LGSF | Lime Green

KGSF | Kelly Green

CBSF | Cobalt Blue

SBSF | Sky Blue

Patterned Fabric Colored Cords

BWHPF | Black/White Houndstooth

BIHPF | Houndstooth

GYCPF | Gray/Citrus Yellow

MOSPF | Magenta/Orange Stripe

NMTPF | Navy Mini Tweed

Glossy Fabric Colored Cords

GMGF | Gun Metal

SSGF | Sterling Silver

CPGF | Copper Penny

BRGF | Bronze

GOGF | Gold

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