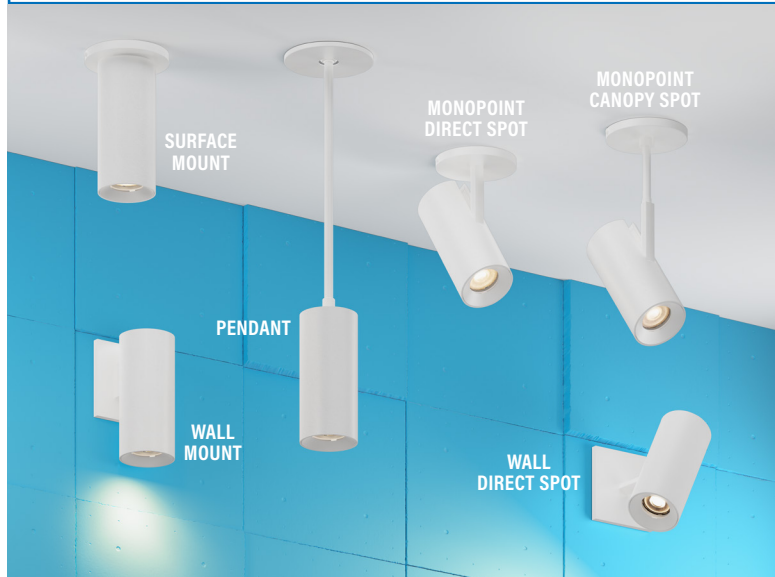


LX PRO

Wall & Ceiling Mount Tunable White



PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

30° - 50° BEAM (Note: Specifications are subject to change without notice)		
18mm LUMINUS COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1090LM @35K/95CRI	16W
15LM	1590LM @35K/95CRI	22W
NOTES	Delivered lumens based on 50D optic with SBL lens, (see page 2)	

20° - 50° BEAM (Note: Specifications are subject to change without notice)		
18mm NICHIA COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1050LM @35K/85CRI	11W
15LM	1400LM @35K/85CRI	15W
20LM	1990LM @35K/85CRI	22W
NOTES	Delivered lumens based on 50D optic with no lens, (see page 2)	

FEATURES

- Seamless casting with textured finish for clean aesthetics
- Thermally optimized for longevity
- 20° - 50° beam spread
- UGR < 19
- Micro slim canopy option at 1/4"-3/8" depth plus 1/2" diameter stem
- Glare control options, specialty optics, lensing, accessories and custom RAL finishes available

DIMMING AND CONTROLS

- 0-10V dimming to 0%
- Casambi bluetooth dimming to 0%
- DMX dim to 0%

CONSTRUCTION

- Casted aluminum housing
- PMMA optics
- Machined aluminum canopy
- SVT pendant cord

LED

- Luminus tunable white COB from 2700K - 6500K: 95 CRI, R9 > 70: SDCM = 4-step MacAdam Ellipse; Lumen Maintenance: L70 > 54,000 hrs
- Nichia tunable white COB from 2700K - 5000K: 80 CRI, R9 > 0: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L90 > 33,000 hrs

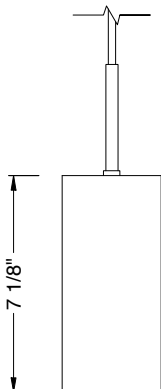
LISTING

- CSAus Listed to UL1598; cCSA Listed to CSA C22.2 #9.0
- Suitable for dry and damp locations
- 5 Year Limited warranty

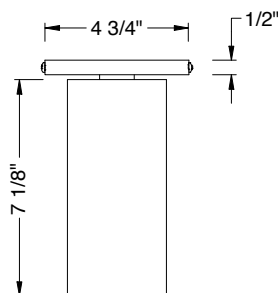
ELECTRICAL

- 120V-277V (Casambi, 0-10V, DMX)
- Power factory ≥ 0.9
- 2kV driver input surge protection

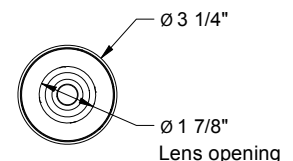
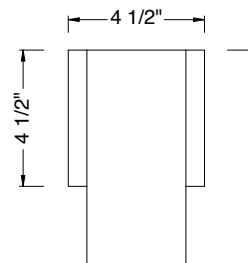
PENDANT



SURFACE MOUNT



WALL MOUNT



PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

ORDERING CODE		
SERIES	LX	LX
TYPE	PRO	performance cylinder
LED	TW	tunable white (Luminus)
DELIVERED LUMENS	10LM	1090 lm
	15LM	1590 lm
Standard Configuration: 3500K 50D SBL Calculated Delivered Lumens = [Delivered Lumen Value] x [Optic Multiplier] x [Lens Multiplier]		
CCT	2765	2700K to 6500K tunable white
		CCT
		CCT MULTIPLIER FOR LUMEN OUTPUT
		EML RATIO
	1840	1800K to 4000K tunable white
		CCT
		CCT MULTIPLIER FOR LUMEN OUTPUT
		EML RATIO
CRI	95	95 typical, 90 minimum
OPTIC & LM MULTIPLIER SEE PAGE 6, 7	30D	30 degrees (0.94)
	35D	35 degrees (0.88)
	50D	50 degrees (1.00)
LENS SEE PAGE 4	DL	diffused lens (0.95)
	HET	high efficiency textured lens, similar to Solite™ (0.99)
	SBL	smoothing beam lens (1.00)
	HCL	honeycomb louver (0.81)
	E	elliptical lens, 30° X 60° (0.94)
	AB	asymmetric beam lens (0.92)
	BW	batwing lens (0.80)
Maximum 2pcs of media per fixture.		
ACCESSORY SEE PAGE 6	NA	no accessory
	BD ¹	barndoor, black
	SNT	snoot
	SHNT	shroud snoot
FINISH SEE PAGE 4	BK	black
	WH	white
	MC	matte chrome
	RAL-XXX ²	custom finish, complete code with RAL number
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.		

ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 7, 8	W	wall mount
	S	surface mount
	JCOV-S	conduit junction box cover with knockouts, surface
	P	pendant, 108" flexible cord
	JCOV-P	conduit junction box cover with knockouts, pendant cord field adjustable
	RP	rigid pendant 4' stem with swivel stem/canopy
	RP5	rigid pendant 5' stem with swivel stem/canopy
	RP6	rigid pendant 6' stem with swivel stem/canopy
	RP8	rigid pendant 8' stem with swivel stem/canopy
	RP10	rigid pendant 10' stem with swivel stem/canopy
	RPF2	rigid pendant 2' with fixed stem/canopy, not field cuttable
	RPF3	rigid pendant 3' with fixed stem/canopy, not field cuttable
	RPF4	rigid pendant 4' with fixed stem/canopy, not field cuttable
	RPF6	rigid pendant 6' with fixed stem/canopy, not field cuttable
VOLTAGE	JCOV-RPFX	conduit junction box cover with knockouts, complete X code with available lengths
	MP	monopoint canopy spot 24" field cuttable to 1"
	JCOV-MP	conduit junction box cover with knockouts, monopoint 24" field cuttable to 1"
	MPD	monopoint direct spot mounts to ceiling
	WDS	wall direct spot
DIMMING	UNV	120V-277V
	DIM10Z ^{3,4}	0-10V dim to zero
	DMXZ ³	DMX dim to zero
	CASZ	Casambi Bluetooth dim to zero

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
LX - PRO - TW - 15LM - 2765 - 95 - 50D - SBL - NA - WH - RP - UNV - CASZ

NOTES

1. Barndoor only available in standard BK finish.
2. Custom finish can be applied to specific parts of fixture: Housing, stem, bezel, mounting and accessories.
3. DIM10/DMXZ not available with P mounting option.
4. Requires 2 wall controllers (see wiring diagram)

* EML = equivalent melanopic lux. To calculate EML, multiply the measured photopic lux by the EML Ratio for the given CCT. Example: 254 lux x 0.79 = 200 melanopic lux at 4000K.

* Slim canopy with rigid stem connection shall be used in jurisdictions that DO NOT require light fixtures to freely swing in lateral directions, complying with local and national building codes.

* RP mounting with swivel is recommended to be installed on a 4in square or 4in deep regress 2-1/8" octagonal junction box.

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NICHIA TUNABLE WHITE - ORDERING CODE							
SERIES	LX	LX					
TYPE	PRO	performance cylinder					
LED	TW	tunable white (Nichia)					
DELIVERED LUMENS	10LM	1050 lm					
	15LM	1400 lm					
	20LM	1990 lm					
	Standard Configuration: 3500K 50D NL Calculated Delivered Lumens = [Delivered Lumen Value] x [Optic Multiplier] x [Lens Multiplier]						
CCT	2750	2700K to 5000K tunable white					
		CCT	2700K	3000K	3500K	4000K	5000K
		EML RATIO	0.43	0.51	0.63	0.69	0.80
CRI	80	80 CRI					
OPTIC & LM MULTIPLIER SEE PAGE 6, 7	20D ¹	20 degrees (0.97)					
	25D	25 degrees (0.94)					
	35D	35 degrees (0.89)					
	50D	50 degrees (1.00)					
LENS SEE PAGE 4	DL	diffused lens (0.95)					
	HET	high efficiency textured lens, similar to Solite™ (0.99)					
	SBL	smoothing beam lens (1.00)					
	HCL	honeycomb louver (0.81)					
	E	elliptical lens, 30° X 60° (0.94)					
	AB	asymmetric beam lens (0.92)					
	BW	batwing lens (0.80)					
	CL	clear lens					
	NL	no lens					
Maximum 2pcs of media per fixture.							
ACCESSORY SEE PAGE 6	NA	no accessory					
	BD ²	barndoor, black					
	SNT	snoot					
	SHNT	shroud snoot					
FINISH SEE PAGE 4	BK	black					
	WH	white					
	MC	matte chrome					
	RAL-XXX ³	custom finish, complete code with RAL number					
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.							

NICHIA TUNABLE WHITE - ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 7, 8	W	wall mount
	S	surface mount
	JCOV-S	conduit junction box cover with knockouts, surface
	P	pendant, 108" flexible cord
	JCOV-P	conduit junction box cover with knockouts, pendant cord field adjustable
	RP	rigid pendant 4' stem with swivel stem/canopy
	RP5	rigid pendant 5' stem with swivel stem/canopy
	RP6	rigid pendant 6' stem with swivel stem/canopy
	RP8	rigid pendant 8' stem with swivel stem/canopy
	RP10	rigid pendant 10' stem with swivel stem/canopy
	RPF2	rigid pendant 2' with fixed stem/canopy, not field cuttable
	RPF3	rigid pendant 3' with fixed stem/canopy, not field cuttable
	RPF4	rigid pendant 4' with fixed stem/canopy, not field cuttable
	RPF6	rigid pendant 6' with fixed stem/canopy, not field cuttable
	JCOV-RPFX	conduit junction box cover with knockouts, complete X code with available lengths
VOLTAGE	MP	monopoint canopy spot 24" field cuttable to 1"
	JCOV-MP	conduit junction box cover with knockouts, monopoint 24" field cuttable to 1"
	MPD	monopoint direct spot mounts to wall/ceiling
DIMMING	UNV	120V-277V
	DIM10Z ^{4,5}	0-10V dim to zero
	DMXZ ⁴	DMX dim to zero
	CASZ	Casambi Bluetooth dim to zero

YOUR COMPLETED ORDERING CODE	
Follow the steps to specify your fixture, example:	
LX - PRO - TW - 15LM - 2750 - 80 - 50D - SBL - NA - WH - RP - UNV - CASZ	

NOTES

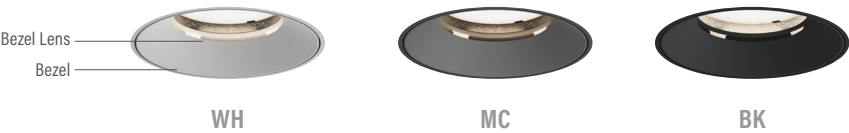
- 20D not available in NL/CL lens options.
- Barndoor only available in standard BK finish.
- Custom finish can be applied to specific parts of fixture: Housing, stem, bezel, mounting and accessories.
- DIM10/DMXZ not available with P mounting option.
- Requires 2 wall controllers (see wiring diagram)

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

BEZEL OPTIONS

BEZEL COLORS



LUMINUS OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

HCL

Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
30D	30	13.2
35D	33	14.6
50D	44	17.5

DL

Diffused Lens



OPTIC	BEAM ANGLE	UGR
30D	46	23.1
35D	50	23.6
50D	59	24.6

HET

High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
30D	34	18.7
35D	38	19.9
50D	51	20.9

SBL

Smoothing Beam Lens



OPTIC	BEAM ANGLE	UGR
30D	32	17.9
35D	36	19.2
50D	52	20.2

E

Elliptical Lens



OPTIC	BEAM ANGLE	UGR
30D	45x71	22/27
35D	49x74	23/27
50D	56x83	24/28

BW

Batwing Lens



OPTIC	BEAM ANGLE	UGR
30D	44x79	23/27
35D	45x82	24/27
50D	50x89	24/28

AB

Asymmetric Beam Lens

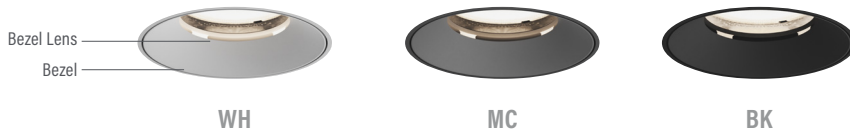


OPTIC	BEAM ANGLE	UGR
30D	37	NA
35D	41	NA
50D	52	NA

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

BEZEL OPTIONS

BEZEL COLORS



NICHIA OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

HCL

Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
20D	19	5.8
25D	28	8
35D	31	10.8
50D	43	15.4

NL

No Lens



OPTIC	BEAM ANGLE	UGR
25D	26	12.7
35D	34	15.4
50D	50	18

CL

Clear Lens



OPTIC	BEAM ANGLE	UGR
25D	26	12.5
35D	34	15.1
50D	50	17.9

DL

Diffused Lens



OPTIC	BEAM ANGLE	UGR
20D	37	19.2
25D	41	20.4
35D	46	21.7
50D	57	23.3

HET

High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
20D	23	13
25D	29	15
35D	35	17
50D	49	18.9

SBL

Smoothing Beam Lens



OPTIC	BEAM ANGLE	UGR
20D	20	12.3
25D	26	14.2
35D	34	16.3
50D	50	18.1

E

Elliptical Lens



OPTIC	BEAM ANGLE	UGR
20D	36x62	18/24
25D	40x65	20/25
35D	45x71	21/26
50D	55x81	22/27

BW

Batwing Lens



OPTIC	BEAM ANGLE	UGR
20D	34x71	21/25
25D	39x74	22/26
35D	42x79	22/26
50D	48x87	23/27

AB

Asymmetric Beam Lens



OPTIC	BEAM ANGLE	UGR
20D	24	NA
25D	30	NA
35D	37	NA
50D	50	NA

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

LUMINUS CTM18

10LM

30D-SBL 32° SBL LENS	
Throw Distance (ft) Beam Diameter (ft) 6 6.8 8 3.8 10 2.4 12 1.7 14 1.2 Illuminance at Center (fc)	3.5 4.6 5.8 7 8.1
WATTS:: 15.5	LPW:: 65.6
LUMENS: 1017	CCT:: 3500K
INTENSITY	
DEGREE	CANDELA
0	2443
5	2256
15	1329
25	557
35	162
45	61

35D-SBL 36° SBL LENS	
Throw Distance (ft) Beam Diameter (ft) 6 5.3 8 3.0 10 1.9 12 1.3 14 1.0 Illuminance at Center (fc)	3.9 5.2 6.5 7.8 9.1
WATTS:: 15.5	LPW:: 61.8
LUMENS: 958	CCT:: 3500K
INTENSITY	
DEGREE	CANDELA
0	1890
5	1772
15	1145
25	565
35	195
45	68

50D-SBL 52° SBL LENS	
Throw Distance (ft) Beam Diameter (ft) 6 3.9 8 2.2 10 1.4 12 1.0 14 0.7 Illuminance at Center (fc)	5.8 7.7 9.7 11.6 13.5
WATTS:: 15.5	LPW:: 70.5
LUMENS: 1093	CCT:: 3500K
INTENSITY	
DEGREE	CANDELA
0	1409
5	1396
15	1167
25	736
35	350
45	70

15LM

30D-SBL 32° SBL LENS	
Throw Distance (ft) Beam Diameter (ft) 6 9.9 8 5.6 10 3.6 12 2.5 14 1.8 Illuminance at Center (fc)	3.5 4.6 5.8 7 8.1
WATTS:: 21.5	LPW:: 68.8
LUMENS: 1479	CCT:: 3500K
INTENSITY	
DEGREE	CANDELA
0	3554
5	3282
15	1933
25	810
35	235
45	89

35D-SBL 36° SBL LENS	
Throw Distance (ft) Beam Diameter (ft) 6 7.6 8 4.3 10 2.7 12 1.9 14 1.4 Illuminance at Center (fc)	3.9 5.2 6.5 7.8 9.1
WATTS:: 21.5	LPW:: 64.8
LUMENS: 1393	CCT:: 3500K
INTENSITY	
DEGREE	CANDELA
0	2750
5	2578
15	1665
25	823
35	284
45	98

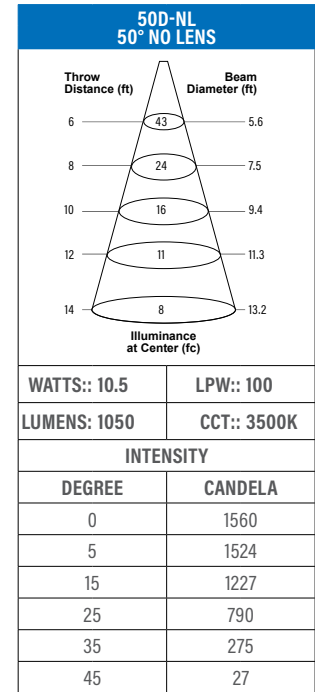
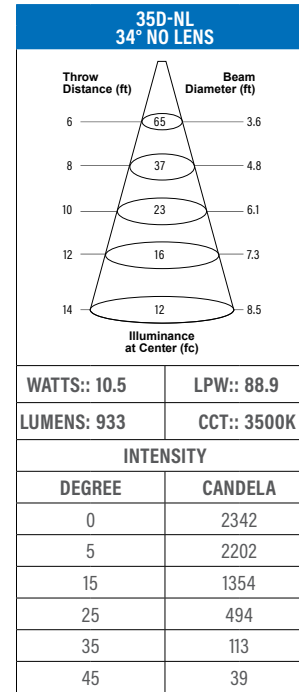
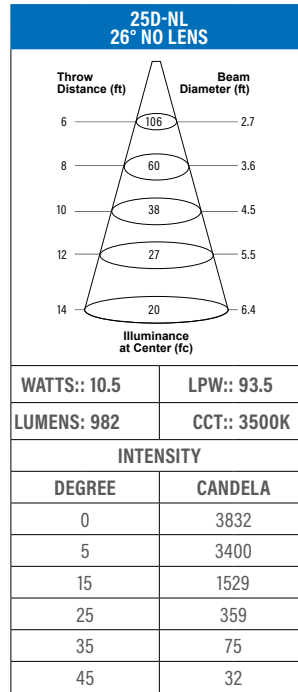
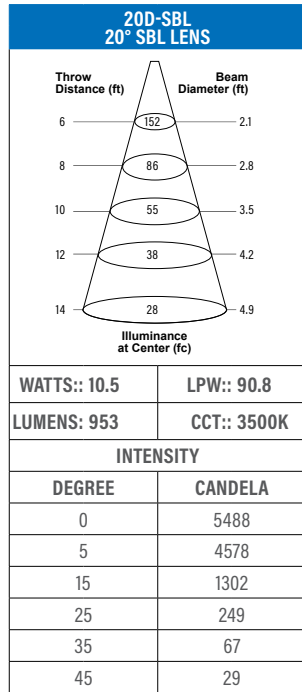
50D-SBL 52° SBL LENS	
Throw Distance (ft) Beam Diameter (ft) 6 5.7 8 3.2 10 2.1 12 1.4 14 1.0 Illuminance at Center (fc)	5.8 7.7 9.7 11.6 13.5
WATTS:: 21.5	LPW:: 73.9
LUMENS: 1590	CCT:: 3500K
INTENSITY	
DEGREE	CANDELA
0	2050
5	2031
15	1697
25	1071
35	509
45	102

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

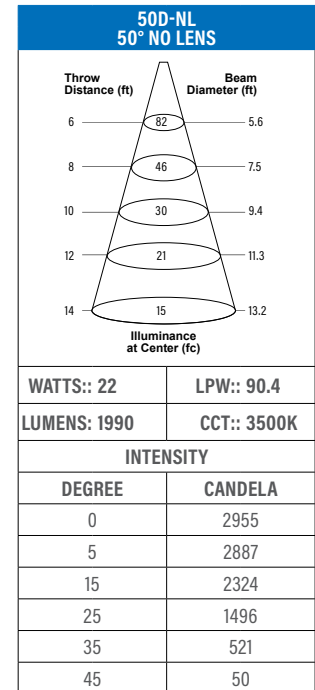
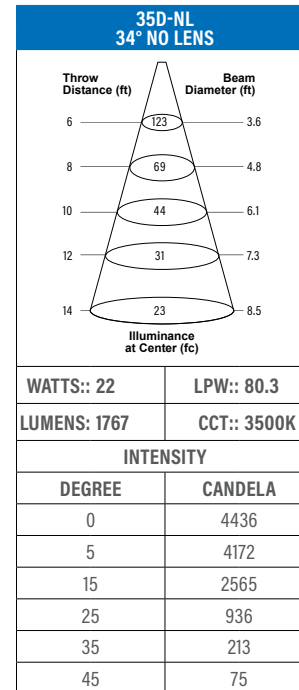
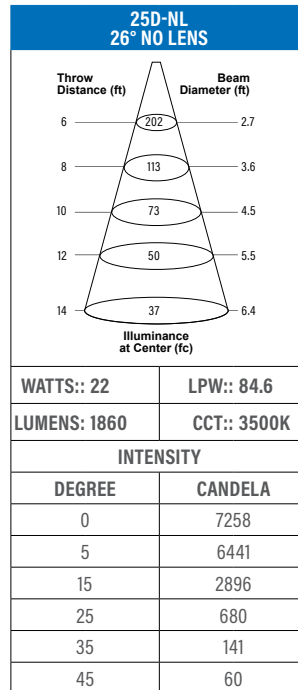
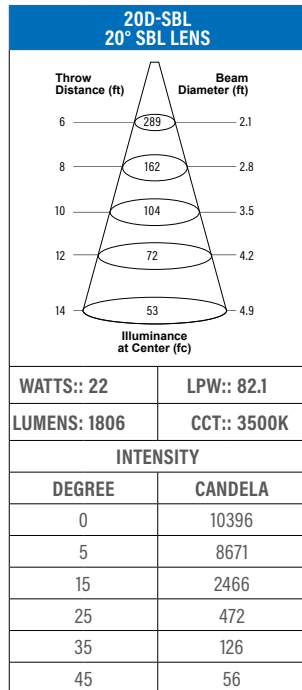
PHOTOMETRIC DATA

NICHIA

10LM

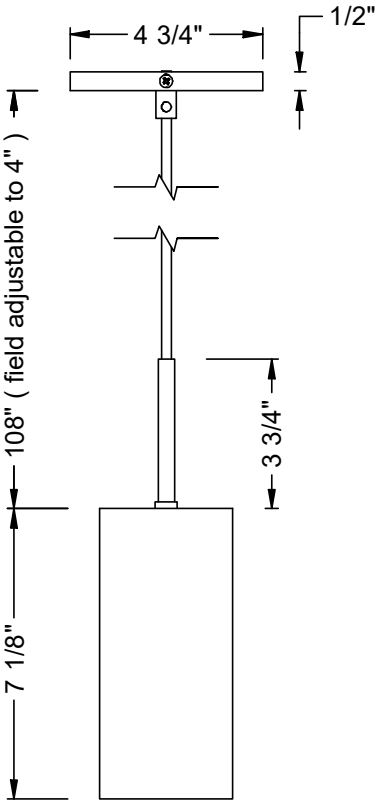


20LM

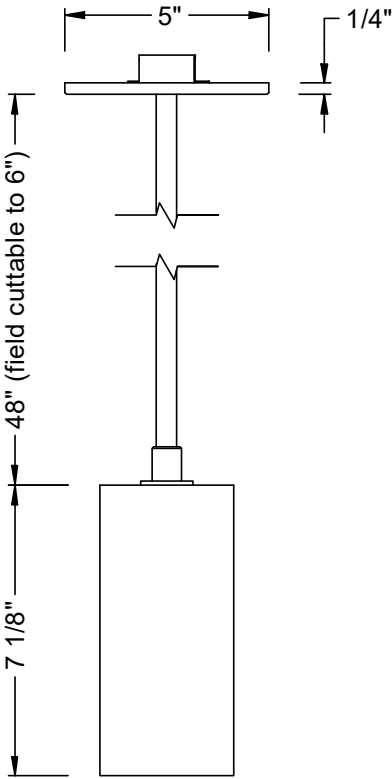


PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

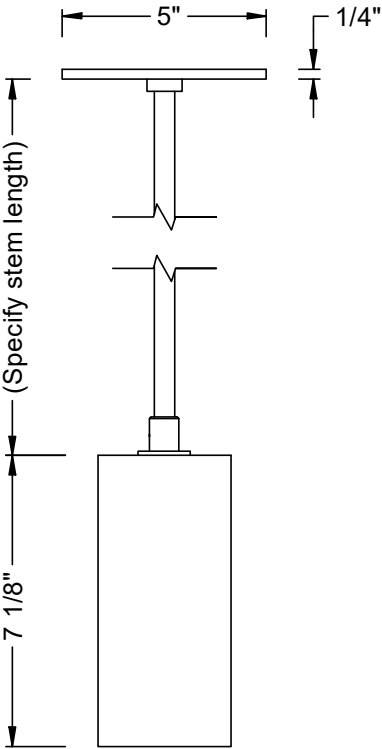
MOUNTING OPTIONS



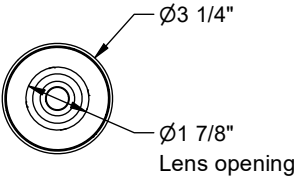
PENDING
CASZ



RP SWIVEL
DIM10Z / CASZ / DMXZ

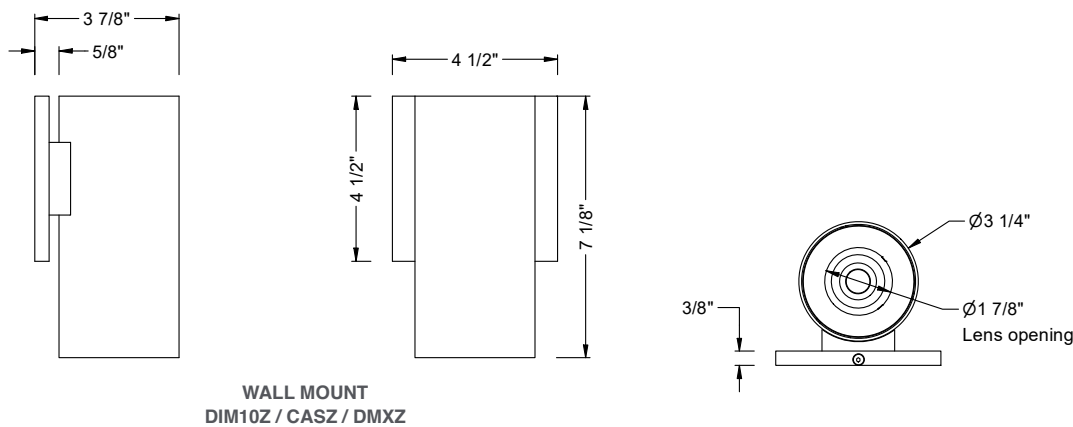
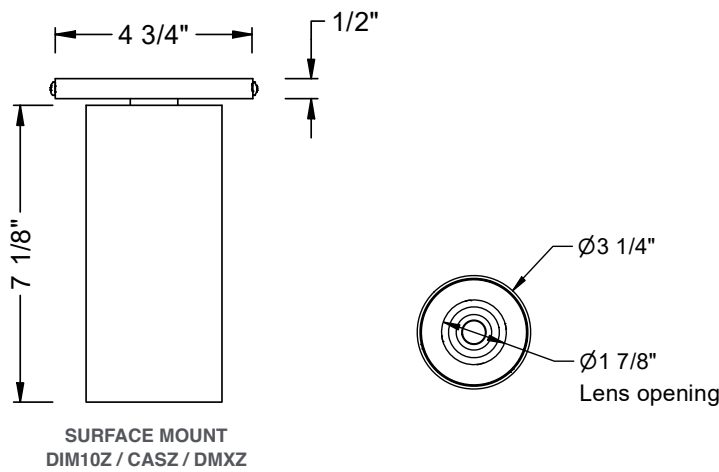


RPF FIXED
DIM10Z / CASZ / DMXZ



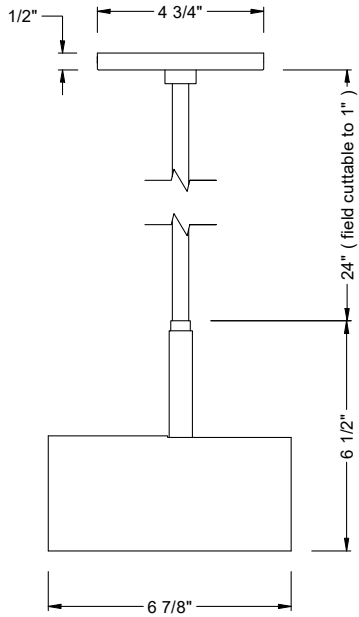
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

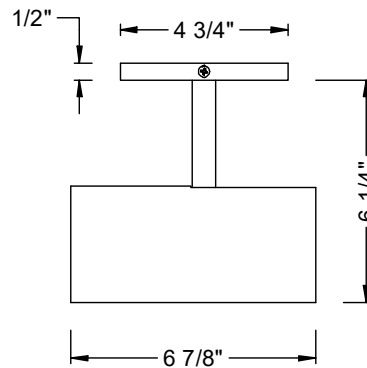


PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

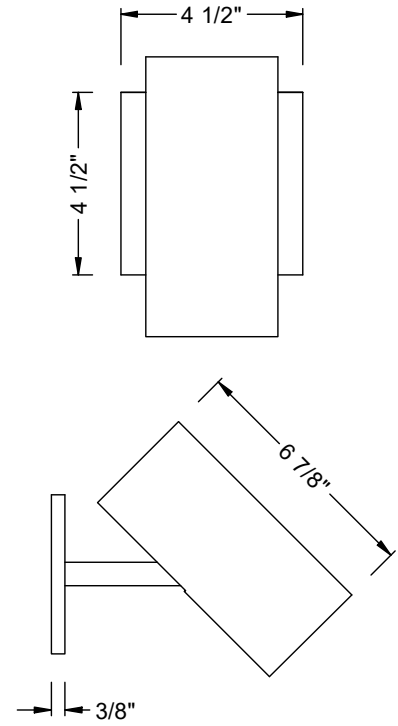
MOUNTING OPTIONS



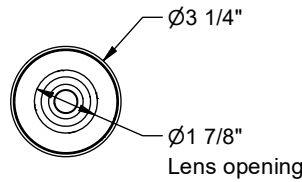
MONOPOINT
DIM10 / ELV1 / CAS / DMXZ



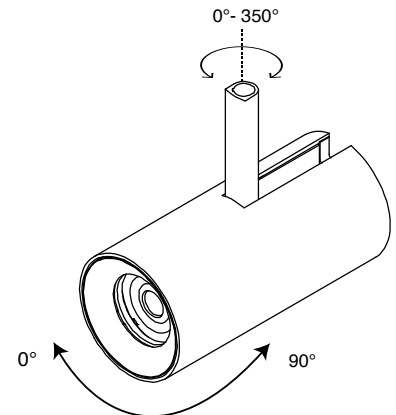
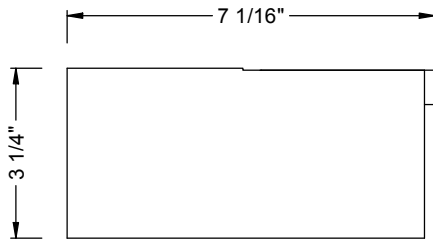
MONOPOINT DIRECT
DIM10 / ELV1 / CAS / DMXZ
Monopoint direct can be mounted on ceiling only



WALL DIRECT SPOT
DIM10 / ELV1 / CAS / DMXZ



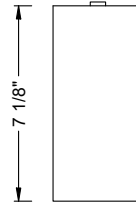
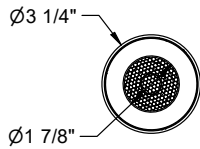
PIVOT FULCRUM



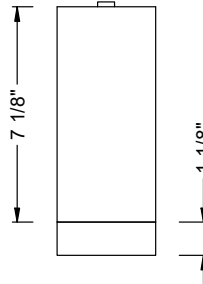
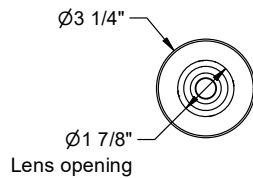
PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

ACCESSORIES

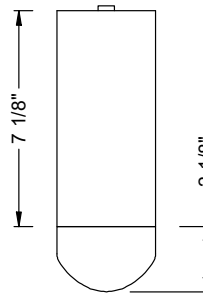
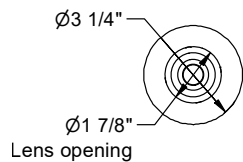
HONEYCOMB LOUVER



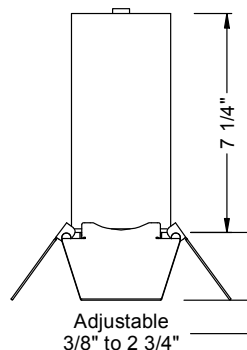
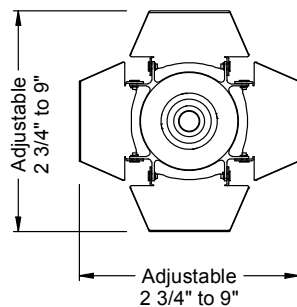
SNOOT



SHROUD SNOOT



BARNDOOR



Accessories Ordering Codes^{1,2}

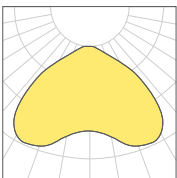
BDBK	barndoor, black (Cat. No. K20339BK)
SNTBK	snoot, black (Cat. No. K20336BK)
SNTWH	snoot, white (Cat. No. K20336WH)
SNTMC	snoot, matte chrome (Cat. No. K20336MC)
SHNTBK	shroud snoot, black (Cat. No. K20337BK)
SHNTWH	shroud snoot, white (Cat. No. K20337WH)
SHNTMC	shroud snoot, matte chrome (Cat. No. K20337MC)

Lens Ordering Codes^{1,2}

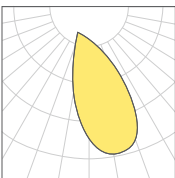
HCL	honeycomb louver (Cat. No. 81329)
E	elliptical lens, 30° X 60° (Cat. No. 74211-ELP)
SBL	smoothing beam lens (Cat. No. 74211-SBL)
DL	diffused lens (Cat. No. 74211)
BW	batwing lens (Cat. No. 74211-BW)
AB	asymmetric beam lens (Cat. No. 74211-AB)
HET	high efficiency textured lens, similar to Solite™ (Cat. No. 74211-HET)
CL	clear lens (Cat. No. 74211-CL)
CF-RD ³	color filter - red (Cat. No. 74288-RD)
CF-BL ³	color filter - blue (Cat. No. 74288-BL)
CF-GR ³	color filter - green (Cat. No. 74288-GR)
CF-AM ³	color filter - amber (Cat. No. 74288-AM)
BRT	bezel removal tool (Cat. No. 81639)

1. To order additional accessory or lens only use the catalog number.
2. Maximum 2pcs of media per fixture.
3. Maximum 1pcs of media per fixture.

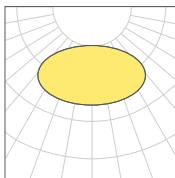
LIGHT DISTRIBUTION



BATWING



ASYMMETRIC



ELLIPSE 30° X 60°