

Moment

Specification Sheet | DZ 300/400



The streamlined profile of the Moment collection exemplifies a masterful blend of design purity and functional adaptability. Its minimalist aesthetic, focused on essential geometric forms, achieves a harmonious balance from base to luminaire. Seamless transitions between elements enhance the overall design with wire entries and cable attachment points concealed within a removable cover.

Moment catenary light infuses urban spaces with vibrant, sculptural lighting. Suspended by wire, its minimalist design adds a dynamic element to walkways and alleys. The system's adaptability to various heights and configurations ensures optimal lighting while maintaining a clean, unobtrusive profile that enhances both modern and historical environments.

Catenary mount accommodates steel cables from 1/4" to 1/2" in diameter, and will maintain a horizontal position with up to 12deg of wire sag.

Moment is proudly made in Michigan and International Dark-Sky Approved.

Housing & Materials

Cast Aluminum and cast Stainless Steel construction. Factory sealed and replaceable light engine cartridge with UV stable, impact modified clear or diffused acrylic lens. With a 'fastener free' look, all hardware is magni-coated for optimum corrosion and 'anti-seize' protection. Assembly is IP66 rated.

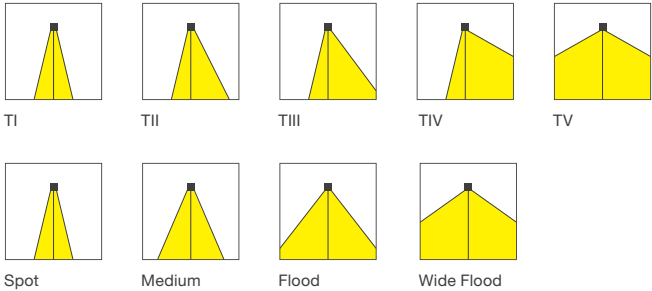
Electrical

Surge protected 120V - 277V 50/60Hz electronic driver located internal to luminaire, 0-10V dimmable.

Light Engine

Moment features a replaceable LED cartridge with die-cast aluminum heatsink, high power LEDs on a RoHS compliant circuit board with secondary optics in either Roadway or Accent distribution types. Accent distributions feature a 3" recessed depth, and optional hexcell louvre. All configurations are available in 2700K, 3000K, and 4000K. >80CRI across all available color temperatures. Luminaires meet or exceed TM21 L70: >60,000 hrs

Distributions



Warranty

Luminaires are warranted for six years.

Certification

UL Listed for Wet Location, International Dark Sky Approved, RoHS Compliant, cUL



Designed by Yonoh Creative Studio

[Click here](#) for patent information related to this product.

Specification

Luminaire _____

Luminaire Configurations – Roadway/Area Optic – 300 Series

Product	LED Configuration	Drive Current	Color Temp	Distribution	Lens	Powdercoat
DZ301 (Single Luminaire)	30 (30 LED)	SO (Standard Output)	27K (2700K)	T1 (Type I)	CLR (Clear)	See powdercoat color options on the Material / Colors Sheet.
	50 (50 LED)		30K (3000K)	T2 (Type II)		
			HO* (High Output)	40K (4000K)	T3 (Type III) T4 (Type IV) T5 (Type V)	

Example: **DZ301 – 50 – HO – 30K – TIII – CLR – MBK**

*HO not available with 50 LED configuration

Luminaire Configurations – Accent Optic – 400 Series

Product	LED Configuration	Drive Current	Color Temp	Distribution	Louvre	Lens	Powdercoat
DZ401 (Single Luminaire)	30 (30 LED)	SO (Standard Output)	27K (2700K)	SP (Spot (20°))	LV1 (Louvre-With)	CLR (Clear)	See powdercoat color options on the Material / Colors Sheet.
	50 (50 LED)		30K (3000K)	ME (Medium (25°))			
			HO* (High Output)	40K (4000K)	FL (Flood (45°)) WF (Wide Flood (75°))	NLV (Louvre-Without)	

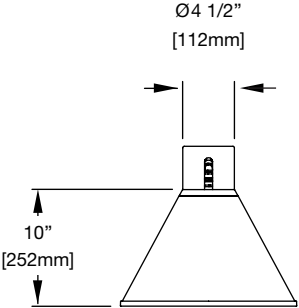
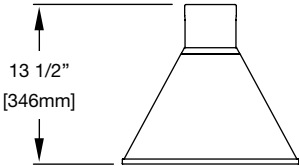
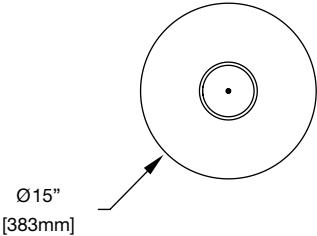
Example: **DZ401 – 50 – HO – 30K – ME – LV1 – CLR – MBK**

*HO not available with 50 LED configuration

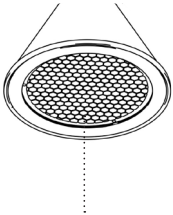
Moment

Specification Sheet | DZ 300/400

300 & 400 Series Luminaire Dimensions, Weights and EPA's



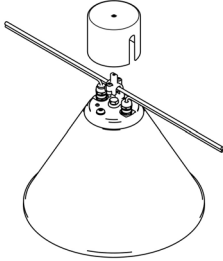
DZ301/DZ401
 EPA: 0.3954ft²
 Weight: With Louvre: 22.7 lbs
 Without Louvre: 21 lbs
 Area: 19.8 lbs



Hexcell Louvre
 For use with accent optics only.
 Louvre factory installed within sealed cartridge.

Mounting

Cast stainless steel hanger with lock bolts and top cap. Hanger accommodates catenary wires from 1/4" to 1/2" diameter, and allows for rotational adjustability. Luminaire will maintain horizontal position with up to 10deg of wire sag. Luminaire features through wiring capability for S/SJ type cord 18/3, 16/3, 18/5 (dia. 0.197"-0.512"). Includes plug for unused wire entry.



Luminaire Performance Data – Roadway/Area Optic

LED Quantity	Drive Current	Lens	Distribution Type	Lumen Output	Efficacy	Input Power (W)	BUG Rating
30	SO	Clear	T1	2553	128	20	B1-U0-G1
			T2	2550	128	20	B1-U0-G1
			T3	2406	120	20	B1-U0-G1
			T4	2275	114	20	B1-U0-G1
			T5	2493	125	20	B1-U0-G0
		Frosted	T1	2291	115	20	B1-U0-G1
			T2	2288	114	20	B1-U0-G1
			T3	2169	108	20	B1-U0-G1
			T4	2005	100	20	B1-U0-G1
			T5	2210	111	20	B1-U0-G1
	HO	Clear	T1	5121	116	44	B2-U0-G2
			T2	5116	116	44	B1-U0-G1
			T3	4827	110	44	B1-U0-G1
			T4	4565	104	44	B2-U0-G2
			T5	5002	114	44	B2-U0-G1
		Frosted	T1	4605	105	44	B2-U0-G1
			T2	4599	105	44	B1-U0-G1
			T3	4352	99	44	B1-U0-G1
			T4	4029	92	44	B1-U0-G1
			T5	4442	101	44	B2-U0-G1
50	SO	Clear	T1	6824	120	57	B2-U0-G2
			T2	6817	120	57	B2-U0-G2
			T3	6433	113	57	B2-U0-G2
			T4	6083	107	57	B2-U0-G2
			T5	6665	117	57	B2-U0-G1
		Frosted	T1	6127	107	57	B2-U0-G1
			T2	6118	107	57	B2-U0-G1
			T3	5790	102	57	B1-U0-G1
			T4	5360	94	57	B2-U0-G1
			T5	5909	104	57	B2-U0-G1

Luminaire Performance Data – Accent Optic

LED Quantity	Drive Current	Lens	Beam Angle	Lumen Output	Efficacy (lm/W)	Input Power (W)	Peak Intensity (cd)
30	SO	Clear	SP	2477	118	21	13001
			SP+LV1	1352	64	21	10845
			ME	2351	112	21	8755
			FL	2349	112	21	4599
		WF	2473	118	21	1598	
		Frosted	SP	2429	116	21	8765
			ME	2297	109	21	6194
			FL	2316	110	21	4090
	WF		2268	108	21	1521	
	HO	Clear	SP	4953	113	44	26001
			SP+LV1	2703	61	44	21690
			ME	4701	107	44	17510
			FL	4697	107	44	9225
		WF	4945	112	44	3196	
		Frosted	SP	4861	110	44	17563
			ME	4596	104	44	12411
FL			4629	105	44	8179	
WF	4539		103	44	3047		
50	SO	Clear	SP	6559	115	57	34439
			SP+LV1	3580	63	57	28729
			ME	6225	109	57	23193
			FL	6220	109	57	12709
		WF	6549	115	57	4233	
		Frosted	SP	6431	113	57	23220
			ME	6082	107	57	16408
			FL	6125	107	57	11087
WF	6006		105	57	4028		

Moment

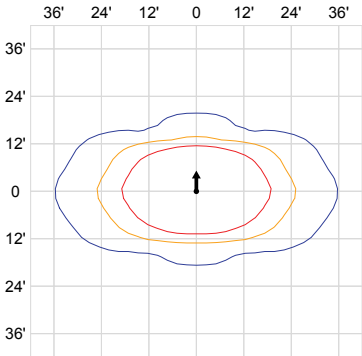
Specification Sheet | DZ 300/400

300 Series - 30 LED SO CLR lens at 12'

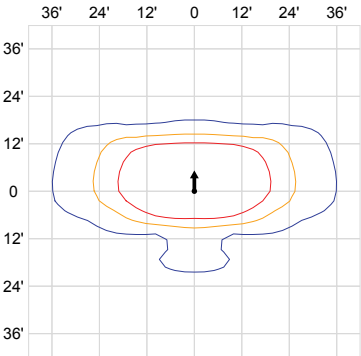
Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc

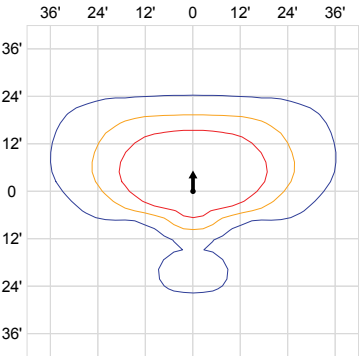
12' Lens Height, Type I



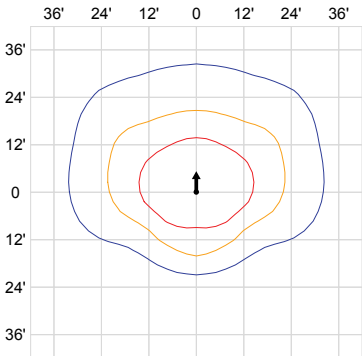
12' Lens Height, Type II



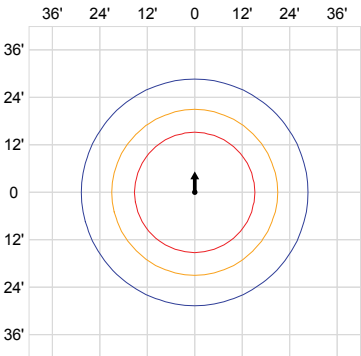
12' Lens Height, Type III



12' Lens Height, Type IV



12' Lens Height, Type V



Moment

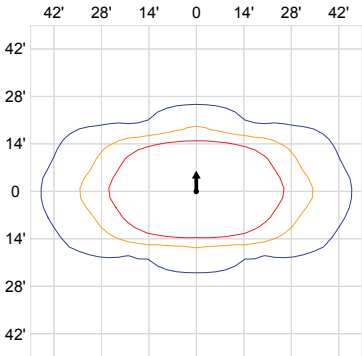
Specification Sheet | DZ 300/400

300 Series - 30 LED HO CLR lens at 14'

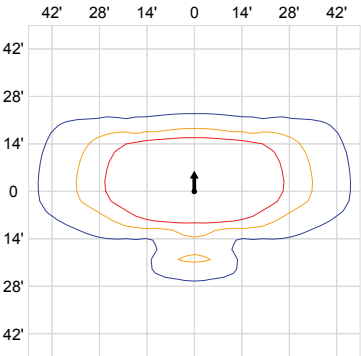
Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc

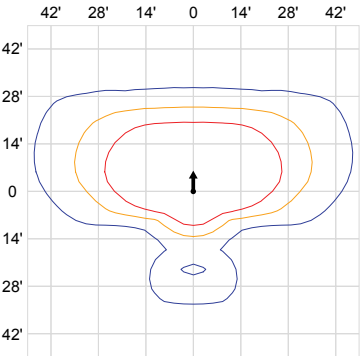
14' Lens Height, Type I



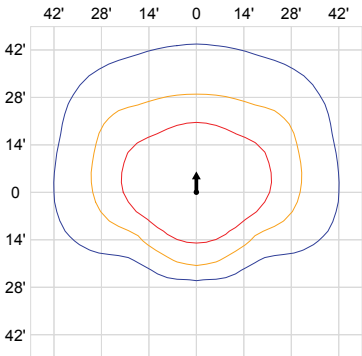
14' Lens Height, Type II



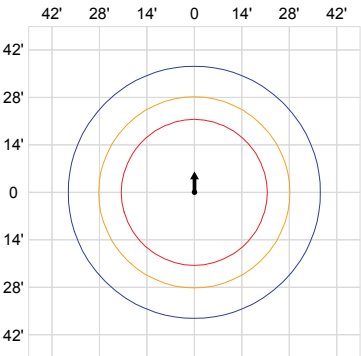
14' Lens Height, Type III



14' Lens Height, Type IV



14' Lens Height, Type V



Moment

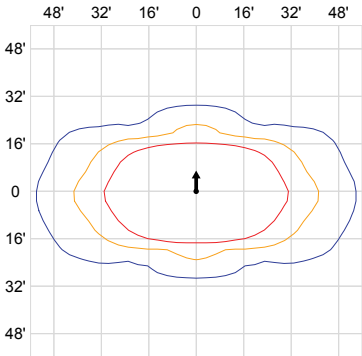
Specification Sheet | DZ 300/400

300 Series - 50 LED SO CLR lens at 16'

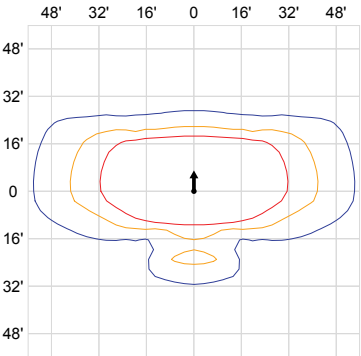
Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc

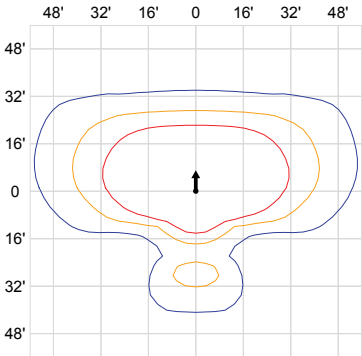
16' Lens Height, Type I



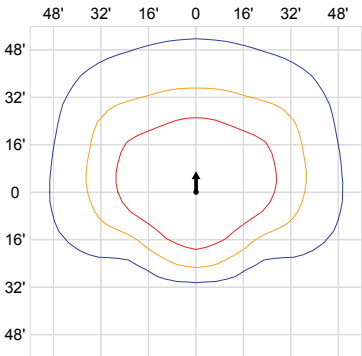
16' Lens Height, Type II



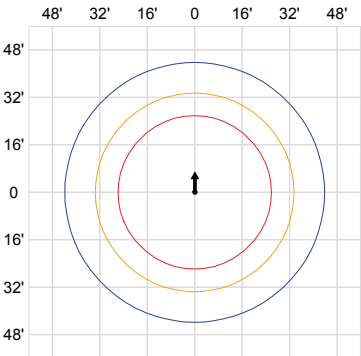
16' Lens Height, Type III



16' Lens Height, Type IV



16' Lens Height, Type V



Moment

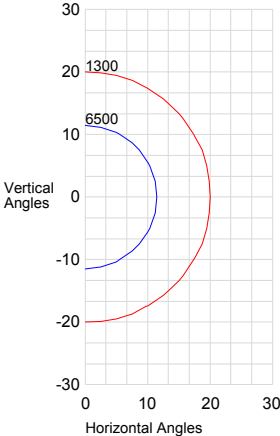
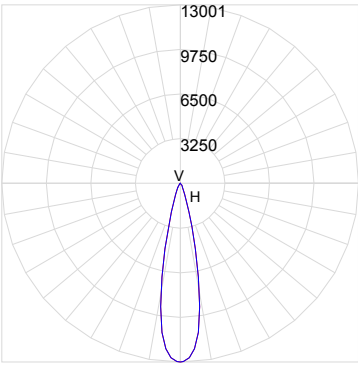
Specification Sheet | DZ 300/400

400 Series - 30 LED SO CLR lens

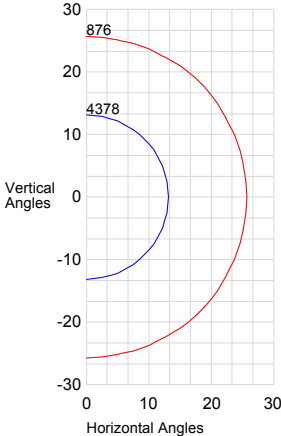
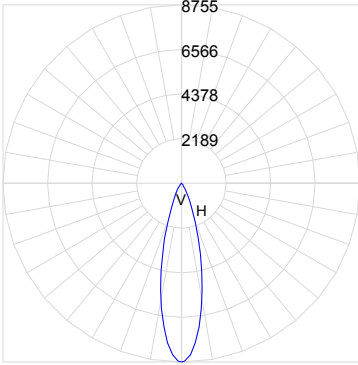
■ 10% max CD ■ 50% max CD

Performance light engine @ 3000K

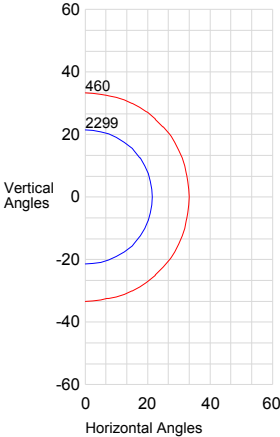
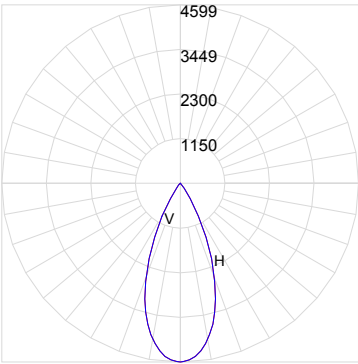
Spot Optic 20° (SP)



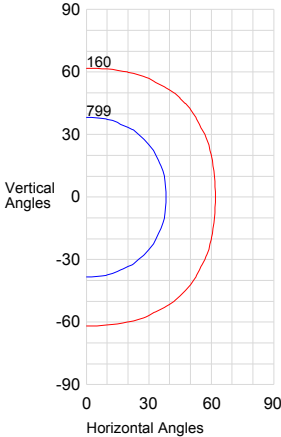
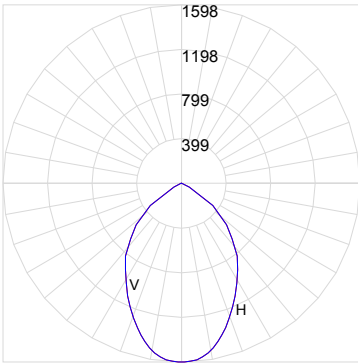
Medium 25° (ME)



Flood 45° (FL)



Wide Flood 75° (WF)



Moment

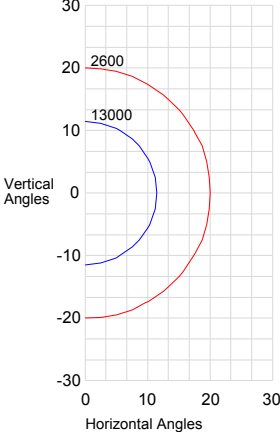
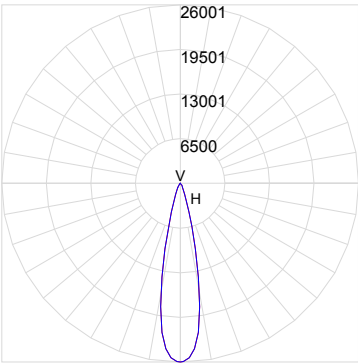
Specification Sheet | DZ 300/400

400 Series - 30 LED HO CLR lens

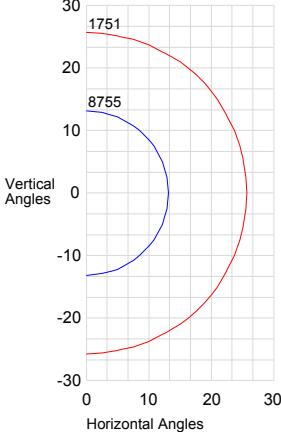
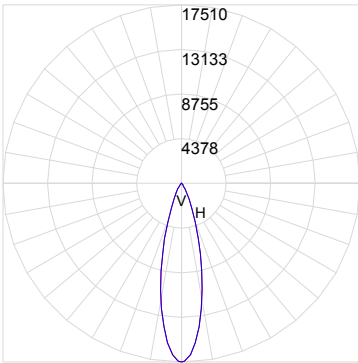
■ 10% max CD ■ 50% max CD

Performance light engine @ 3000K

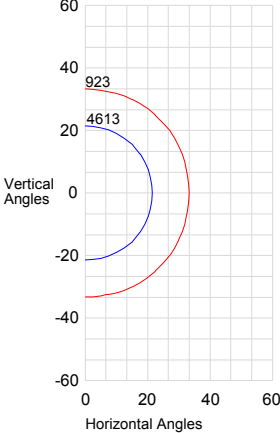
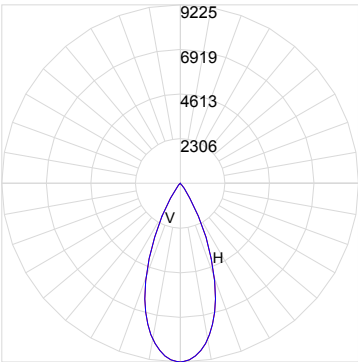
Spot Optic 20° (SP)



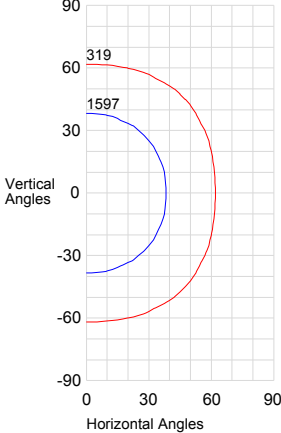
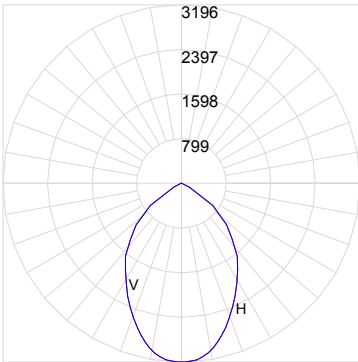
Medium 25° (ME)



Flood 45° (FL)



Wide Flood 75° (WF)



Moment

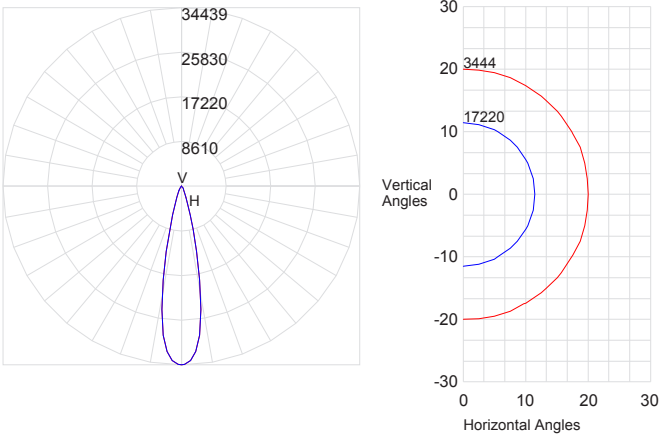
Specification Sheet | DZ 300/400

400 Series - 50 LED SO CLR lens

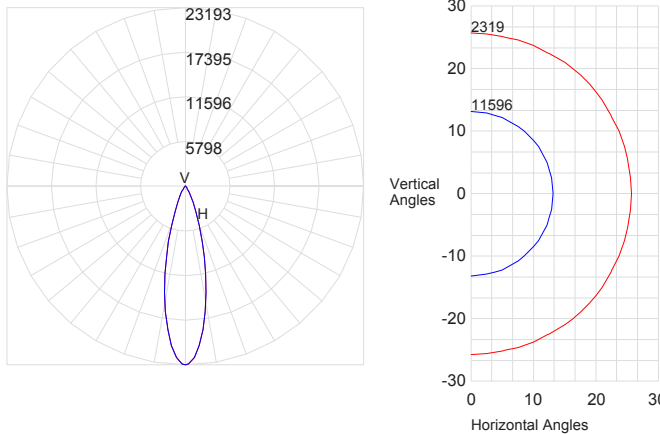
■ 10% max CD ■ 50% max CD

Performance light engine @ 3000K

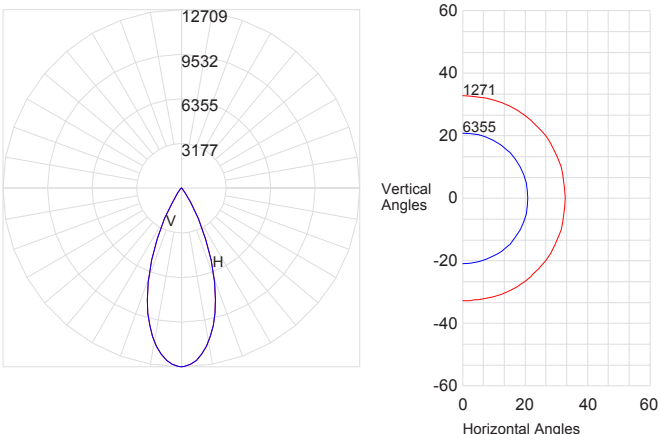
Spot Optic 20° (SP)



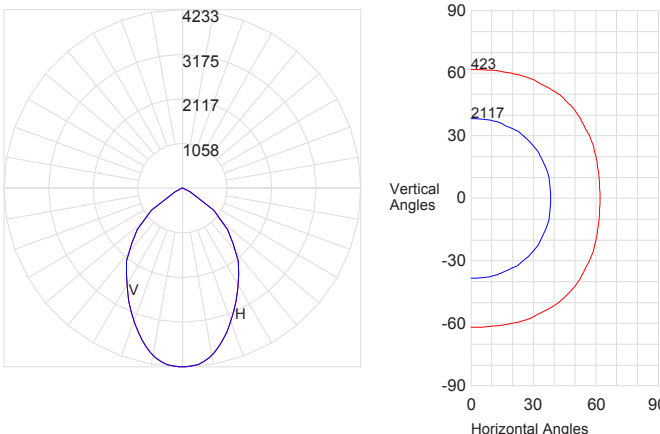
Medium 25° (ME)



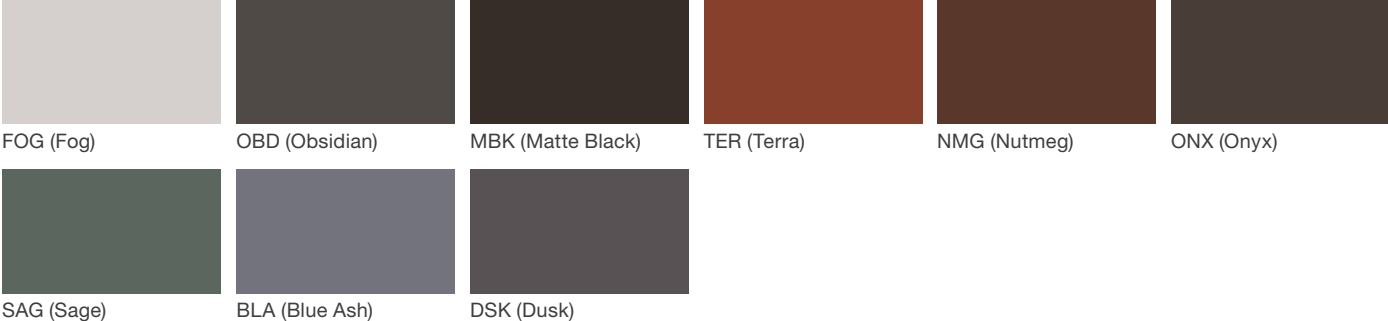
Flood 45° (FL)



Wide Flood 75° (WF)



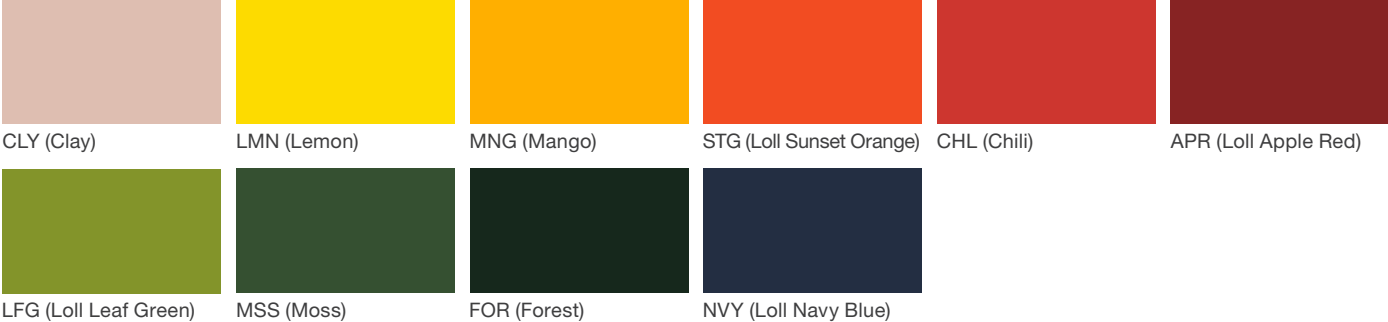
Architectural Series - Powdercoated Metal* (Fine Texture)



Neutral Series - Powdercoated Metal*



Vivid Series - Powdercoated Metal* (Fine Texture)



Powdercoated Metal

Powdercoated Metal Pangard II® Polyester Powdercoat is a hard, yet flexible, finish that resists rusting, chipping, peeling and fading. In addition to colors shown, a wide selection of optional and custom colors may be specified for an upcharge.

* All colors and patterns shown are approximate and may vary from sample and final.

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