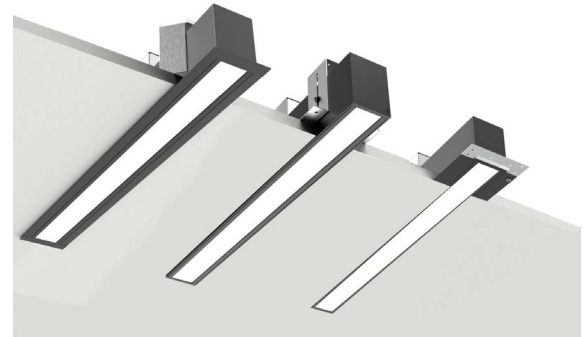


PURSUIT RECESSED



FEATURES

- 2', 3', 4', 6' & 8' Housing Lengths
- Sections can be joined for runs up to 150' with seamless lens
- IP66 rated
- Symmetric, Asymmetric, Wall Graze & Wall Wash Distributions
- Output up to 1,000 lm/ft
- Drywall Flangeless, Drywall Flange, Drywall Spackle Flange recessed mounting options



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- The housing endcaps are diecast while the rest of housing is extrusion AL6063-T5
- Standard configurations have an extrusion Acrylic lens, clear or diffused. No glass lens
- All internal and external hardware is stainless steel
- Luminaire finish consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish

OPTICS

- LEDs are mounted to a FR4 printed circuit board assembly
- Optical lenses is clear extruded PMMA acrylic
- Optical array is recessed in order to shield each LED optic across the length of the aperture
- The luminaire is IP66 rated
- Secondary external lens is 1/16" diffuse acrylic

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Universal voltage, 120 through 277V with a $\pm 10\%$ tolerance. Driver is Underwriters Laboratories listed
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed
- "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components
- Drivers have greater than a 0.9 power Factor and less than 20% harmonic distortion

ELECTRICAL (CONTINUED)

- Luminaires will have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry-standard 8/20uSec wave and surge rating of 372J on page 1
- Integral battery backup provides emergency path of egress lighting for the required 90 minutes for 10°C to 40°C ambient temperature, excluding 2' fixture

CONTROLS

- Button photo control for dusk to dawn energy savings
- Photocell is factory installed in accessory housing. For multiple/continuous row applications, one fixture is supplied with a photocell to operate multiple luminaires
- Dimming Occupancy Sensor-SCP
- 0-10V dimming leads available for use with control devices provided by others

NX LIGHTING CONTROLS

- NX Lighting Controls platform utilizes a Distributed Network Architecture (DNA) that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches and dimmers, creating a system with an unmatched level of reliability, scalability and simplicity

CONTROLS (CONTINUED)

- sensors, photocells, wall switches and dimmers, creating a system with an unmatched level of reliability, scalability and simplicity
- Photocell adapter includes an internal twist lock receptacle. Photocell by others

CERTIFICATIONS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and -25°C to 40°C ambient temperatures
- IP66 Rated
- IP68 Rated Connector Cables
- RoHS Compliant
- ANSI C136.31-2010 Vibration tested and compliant 1.5G
- IEC 66262 Mechanical Impact Code IK08.
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020

WARRANTY

- 5 year warranty

KEY DATA	
LUMEN RANGE	823-10,578
WATTAGE RANGE	13-103
EFFICACY RANGE (LPW)	59-115
LIFE (HOURS)	L70> 60,000
INPUT CURRENT RANGE (mA)	320-1440
WEIGHT	38 lbs/17 kg
EPA	1.53

ORDERING GUIDE

Example: RN-R-8-8-7-3K8-SM-DL-UNV-D-PCWH

CATALOG #

HOUSING

RN									
Housing		Light Engine		Row Length	Maximum Fixture Section Length	Lumen Output	CCT/CRI	Distributions	
RN	Pursuit	R	Recessed	Manual Input (150' Max length, round up to nearest whole foot)	2¹ 2' Fixture 3 3' Fixture 4 4' Fixture 6 6' Fixture 8 8' Fixture	3² 300 lumens/ft 5 500 lumens/ft 7 750 lumens/ft 10 1000 lumens/ft	27K8² 2700K, 80 CRI 27K9² 2700K, 90 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 35K8² 3500K, 80 CRI 35K9² 3500K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9² 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8² 5000K, 80 CRI 5K9² 5000K, 90 CRI	Direct Distributions SM Symmetrical AS Asymmetrical WG Wall Graze WW Wall Wash	

Shielding		Voltage		Mounting		Options		Finish		
DL	Diffuse Lens	UNV	120-277V	D	Flangeless	EMF1	End Power Feed at one end	BLS	Black Gloss Smooth	
CL	Clear Lens	347	347V	DF	Flange	EMF2	End Power Feed at both ends	BLT	Black Matte Textured	
		480	480V	DS	Spackle Flange	<u>Photocell Options</u>			DBS	Dark Bronze Gloss Smooth
						PC	Button Photocell ³		DBT	Dark Bronze Matte Textured
						<u>Control Options-Not with PC ³</u>			GTT	Graphite Matte Textured
						SCP	Remote control programmable line voltage occupancy sensor		LGS	Light Grey Gloss Smooth
						SCPREMOTE	Remote control for SCP option. Order at least one per project to program and control the occupancy sensor		LGT	Light Grey Matte Textured
						NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor		PSS	Platinum Silver Gloss Smooth
						NXWSM	NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming		VGT	Verde Green Matte Textured
						<u>Emergency Battery Option</u>			WHS	White Gloss Smooth
						EM ⁴	Battery Backup Unit (10°C to 40°C)		WHT	White Matte Textured
								<u>Color Option</u>		
								CC ⁵	Custom Color	

¹ 480V not available

² Consult factory for additional details

³ Requires auxiliary housing. Fixture length will increase

⁴ Integral battery backup for 3, 4, 6 and 8 foot versions only. Not available on 2' housing

⁵ Consult factory for custom color, marine and corrosive finish options

PERFORMANCE DATA

This table is the luminaire performance for direct.

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
2 FT Down	500	1,000	Diffuse	SM	1138	87	922	70	1150	88	1181	90	957	73	1225	94
			Clear		1275	97	1033	79	1288	98	1323	101	1071	82	1372	105
			Diffuse	AS	1016	78	823	63	1026	78	1054	80	854	65	1093	83
			Clear		1164	89	943	72	1176	90	1201	92	973	74	1234	94
			Diffuse	WG	1198	91	970	74	1210	92	1243	95	1007	77	1289	98
			Clear		1329	101	1076	82	1342	102	1379	105	1117	85	1430	109
			Diffuse	WW	1016	78	823	63	1026	78	1054	80	854	65	1093	83
			Clear		1164	89	943	72	1176	90	1201	92	973	74	1234	94
	750	1,500	Diffuse	SM	1646	84	1333	68	1662	85	1708	87	1383	71	1771	90
			Clear		1831	93	1483	76	1849	94	1899	97	1538	78	1970	101
			Diffuse	AS	1469	75	1190	61	1483	76	1524	78	1234	63	1580	81
			Clear		1658	85	1343	69	1675	85	1720	88	1393	71	1784	91
			Diffuse	WG	1732	88	1403	72	1749	89	1797	92	1455	74	1864	95
			Clear		1921	98	1556	79	1941	99	1993	102	1615	82	2067	105
			Diffuse	WW	1469	75	1190	61	1483	76	1524	78	1234	63	1580	81
			Clear		1658	85	1343	69	1675	85	1720	88	1393	71	1784	91
	1,000	2,000	Diffuse	SM	2105	81	1705	66	2126	82	2184	84	1769	68	2265	87
			Clear		2345	90	1899	73	2368	91	2432	94	1970	76	2523	97
			Diffuse	AS	1878	72	1521	59	1897	73	1949	75	1578	61	2021	78
			Clear		2121	82	1718	66	2142	83	2200	85	1782	69	2282	88
			Diffuse	WG	2215	85	1794	69	2237	86	2298	89	1861	72	2384	92
			Clear		2457	95	1991	77	2482	96	2550	98	2065	80	2644	102
			Diffuse	WW	1878	72	1521	59	1897	73	1949	75	1578	61	2021	78
			Clear		2121	82	1718	66	2142	83	2200	85	1782	69	2282	88

PERFORMANCE DATA (CONTINUED)

This table is the luminaire performance for direct.

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
3 FT Down	500	1,500	Diffuse	SM	1708	89	1383	72	1725	90	1772	93	1435	75	1838	96
			Clear		1912	100	1549	81	1932	101	1984	104	1607	84	2058	108
			Diffuse	AS	1524	80	1234	65	1539	81	1581	83	1280	67	1640	86
			Clear		1720	90	1393	73	1737	91	1785	93	1445	76	1851	97
			Diffuse	WG	1797	94	1455	76	1815	95	1864	98	1510	79	1934	101
			Clear		1993	104	1615	85	2013	105	2068	108	1675	88	2145	112
			Diffuse	WW	1524	80	1234	65	1539	81	1581	83	1280	67	1640	86
			Clear		1720	90	1393	73	1737	91	1785	93	1445	76	1851	97
	750	2,250	Diffuse	SM	2469	86	2000	70	2493	87	2561	90	2075	73	2657	93
			Clear		2746	96	2224	78	2774	97	2849	100	2308	81	2955	103
			Diffuse	AS	2203	77	1784	62	2225	78	2285	80	1851	65	2370	83
			Clear		2487	87	2014	70	2512	88	2580	90	2090	73	2676	94
			Diffuse	WG	2598	91	2104	74	2624	92	2695	94	2183	76	2795	98
			Clear		2882	101	2334	82	2911	102	2990	105	2422	85	3101	108
			Diffuse	WW	2203	77	1784	62	2225	78	2285	80	1851	65	2370	83
			Clear		2487	87	2014	70	2512	88	2580	90	2090	73	2676	94
	1,000	3,000	Diffuse	SM	3158	82	2558	67	3189	83	3276	85	2654	69	3398	88
			Clear		3517	92	2849	74	3552	93	3649	95	2955	77	3785	99
			Diffuse	AS	2817	73	2282	59	2846	74	2923	76	2368	62	3032	79
			Clear		3181	83	2577	67	3213	84	3300	86	2673	70	3423	89
			Diffuse	WG	3323	87	2691	70	3356	87	3447	90	2792	73	3576	93
			Clear		3686	96	2986	78	3723	97	3824	100	3098	81	3967	103
			Diffuse	WW	2817	73	2282	59	2846	74	2923	76	2368	62	3032	79
			Clear		3181	83	2577	67	3213	84	3300	86	2673	70	3423	89

PERFORMANCE DATA (CONTINUED)

This table is the luminaire performance for direct.

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
4 FT Down	500	2000	Diffuse	SM	2277	91	1844	74	2300	92	2362	94	1913	76	2450	98
			Clear		2550	102	2065	83	2575	103	2645	106	2143	86	2744	110
			Diffuse	AS	2031	81	1645	66	2052	82	2108	84	1707	68	2186	87
			Clear		2293	92	1858	74	2316	93	2379	95	1927	77	2468	99
			Diffuse	WG	2396	96	1941	78	2420	97	2485	99	2013	80	2578	103
			Clear		2658	106	2153	86	2684	107	2757	110	2233	89	2860	114
			Diffuse	WW	2031	81	1645	66	2052	82	2108	84	1707	68	2186	87
			Clear		2293	92	1858	74	2316	93	2379	95	1927	77	2468	99
	750	3,000	Diffuse	SM	3292	87	2666	71	3325	88	3415	90	2766	73	3542	94
			Clear		3661	97	2966	78	3698	98	3799	100	3077	81	3940	104
			Diffuse	AS	2937	78	2379	63	2966	78	3047	81	2468	65	3161	84
			Clear		3316	88	2686	71	3349	89	3440	91	2787	74	3568	94
			Diffuse	WG	3464	92	2806	74	3498	93	3593	95	2911	77	3727	99
			Clear		3843	102	3113	82	3881	103	3987	105	3229	85	4135	109
			Diffuse	WW	2937	78	2379	63	2966	78	3047	81	2468	65	3161	84
			Clear		3316	88	2686	71	3349	89	3440	91	2787	74	3568	94
	1,000	4,000	Diffuse	SM	4210	81	3410	66	4252	82	4368	84	3538	68	4531	87
			Clear		4689	90	3798	73	4736	91	4865	94	3941	76	5046	97
			Diffuse	AS	3757	72	3043	59	3794	73	3897	75	3157	61	4042	78
			Clear		4241	82	3435	66	4284	83	4400	85	3564	69	4564	88
			Diffuse	WG	4430	85	3589	69	4475	86	4596	89	3723	72	4767	92
			Clear		4915	95	3981	77	4964	96	5099	98	4130	80	5289	102
			Diffuse	WW	3757	72	3043	59	3794	73	3897	75	3157	61	4042	78
			Clear		4241	82	3435	66	4284	83	4400	85	3564	69	4564	88

PERFORMANCE DATA (CONTINUED)

This table is the luminaire performance for direct.

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
6 FT Down	500	3,000	Diffuse	SM	3415	92	2766	74	3449	93	3543	95	2870	77	3675	99
			Clear		3825	103	3098	83	3863	104	3968	107	3214	86	4116	111
			Diffuse	AS	3047	82	2468	66	3078	83	3161	85	2561	69	3279	88
			Clear		3440	93	2787	75	3475	94	3569	96	2891	78	3702	100
			Diffuse	WG	3594	97	2911	78	3630	98	3728	100	3020	81	3867	104
			Clear		3987	107	3229	87	4027	108	4136	111	3350	90	4290	115
			Diffuse	WW	3047	82	2468	66	3078	83	3161	85	2561	69	3279	88
			Clear		3440	93	2787	75	3475	94	3569	96	2891	78	3702	100
	750	4,500	Diffuse	SM	4938	88	3999	71	4987	89	5123	91	4149	74	5313	95
			Clear		5492	98	4449	79	5547	99	5698	102	4615	82	5910	106
			Diffuse	AS	4406	79	3569	64	4450	79	4571	82	3702	66	4741	85
			Clear		4974	89	4029	72	5024	90	5160	92	4180	75	5352	96
			Diffuse	WG	5196	93	4208	75	5248	94	5390	96	4366	78	5591	100
			Clear		5764	103	4669	83	5822	104	5980	107	4844	86	6202	111
			Diffuse	WW	4406	79	3569	64	4450	79	4571	82	3702	66	4741	85
			Clear		4974	89	4029	72	5024	90	5160	92	4180	75	5352	96
	1,000	6,000	Diffuse	SM	6316	83	5116	67	6379	84	6552	86	5307	70	6796	89
			Clear		7034	93	5697	75	7104	93	7297	96	5911	78	7569	100
			Diffuse	AS	5635	74	4564	60	5691	75	5846	77	4735	62	6064	80
			Clear		6362	84	5153	68	6426	85	6600	87	5346	70	6846	90
			Diffuse	WG	6645	87	5383	71	6712	88	6894	91	5584	73	7151	94
			Clear		7372	97	5972	79	7446	98	7649	101	6195	82	7933	104
			Diffuse	WW	5635	74	4564	60	5691	75	5846	77	4735	62	6064	80
			Clear		6362	84	5153	68	6426	85	6600	87	5346	70	6846	90

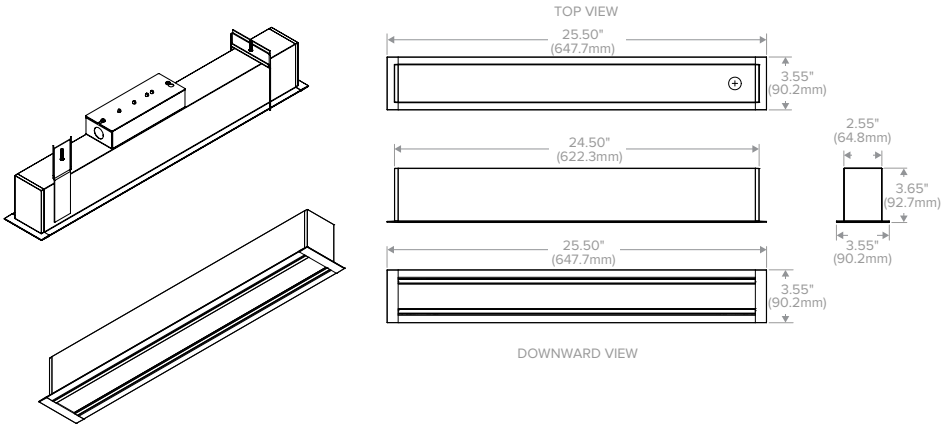
PERFORMANCE DATA (CONTINUED)

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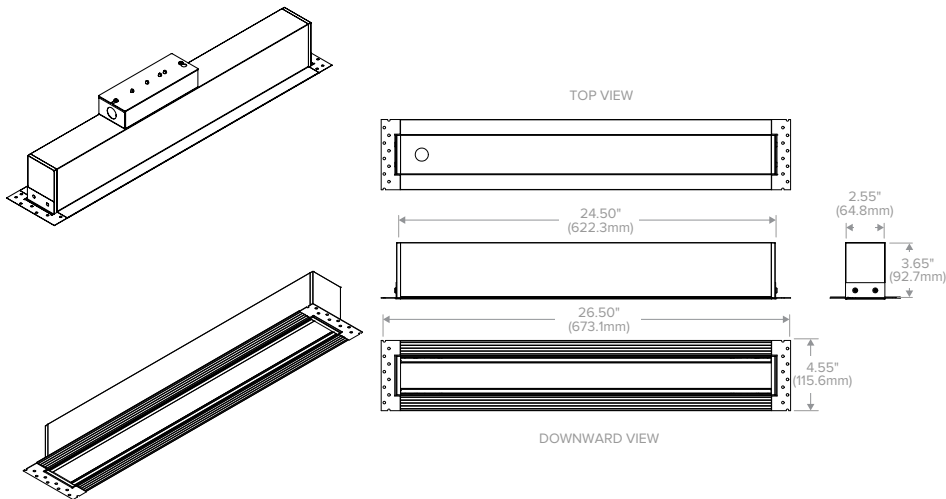
Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
8 FT Down	500	4,000	Diffuse	SM	4554	92	3688	74	4599	93	4724	95	3827	77	4900	99
			Clear		5100	103	4131	83	5151	104	5291	106	4286	86	5488	110
			Diffuse	AS	4063	82	3291	66	4103	83	4215	85	3414	69	4372	88
			Clear		4587	92	3715	75	4633	93	4759	96	3855	78	4936	99
			Diffuse	WG	4791	96	3881	78	4839	97	4971	100	4026	81	5156	104
			Clear		5316	107	4306	87	5369	108	5515	111	4467	90	5720	115
			Diffuse	WW	4063	82	3291	66	4103	83	4215	85	3414	69	4372	88
			Clear		4587	92	3715	75	4633	93	4759	96	3855	78	4936	99
	750	6,000	Diffuse	SM	6583	88	5333	71	6649	89	6830	91	5532	74	7084	95
			Clear		7323	98	5931	79	7396	99	7597	102	6154	82	7880	105
			Diffuse	AS	5874	79	4758	64	5933	79	6094	81	4936	66	6321	85
			Clear		6632	89	5372	72	6698	90	6880	92	5573	75	7136	95
			Diffuse	WG	6927	93	5611	75	6997	94	7187	96	5821	78	7455	100
			Clear		7685	103	6225	83	7762	104	7973	107	6458	86	8270	111
			Diffuse	WW	5874	79	4758	64	5933	79	6094	81	4936	66	6321	85
			Clear		6632	89	5372	72	6698	90	6880	92	5573	75	7136	95
	1,000	8,000	Diffuse	SM	8421	81	6821	66	8505	82	8736	84	7076	68	9061	87
			Clear		9378	91	7597	73	9472	91	9730	94	7881	76	10092	97
			Diffuse	AS	7513	73	6086	59	7588	73	7795	75	6314	61	8085	78
			Clear		8483	82	6871	66	8567	83	8800	85	7128	69	9128	88
			Diffuse	WG	8861	86	7177	69	8949	86	9192	89	7446	72	9535	92
			Clear		9830	95	7962	77	9928	96	10198	98	8260	80	10578	102
			Diffuse	WW	7513	73	6086	59	7588	73	7795	75	6314	61	8085	78
			Clear		8483	82	6871	66	8567	83	8800	85	7128	69	9128	88

DIMENSIONS

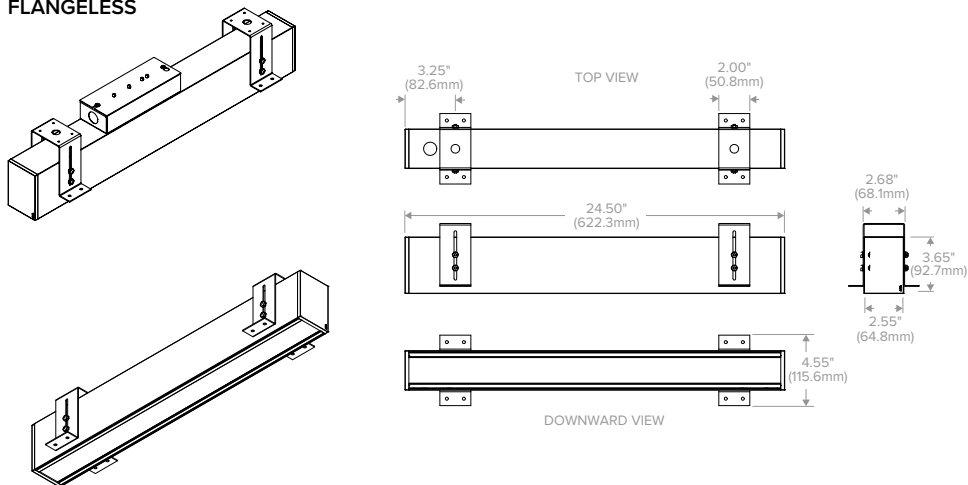
FLANGED



SPACKLE

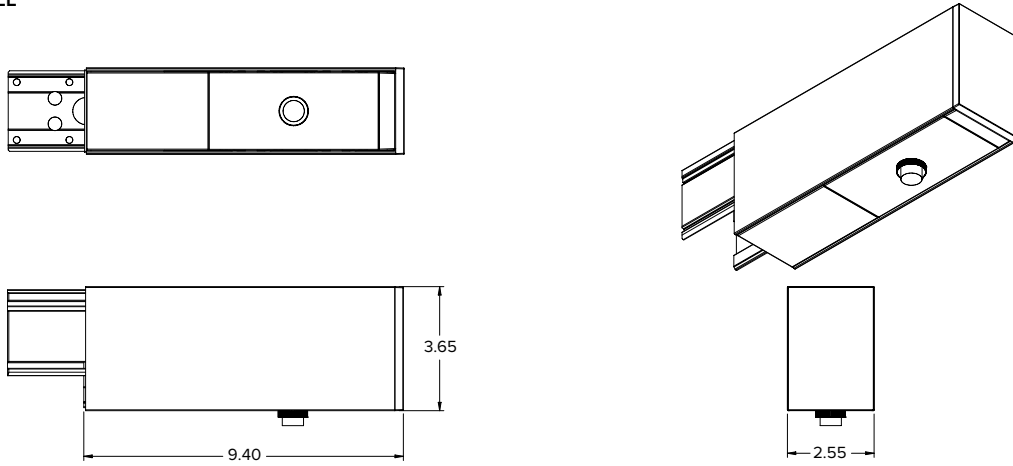


FLANGELESS

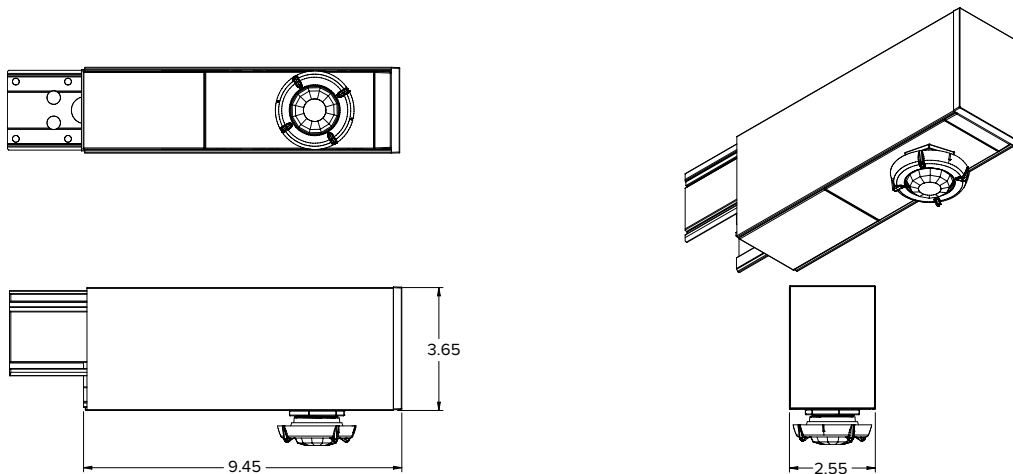


CONTROLS DIMENSIONS

PHOTOCELL

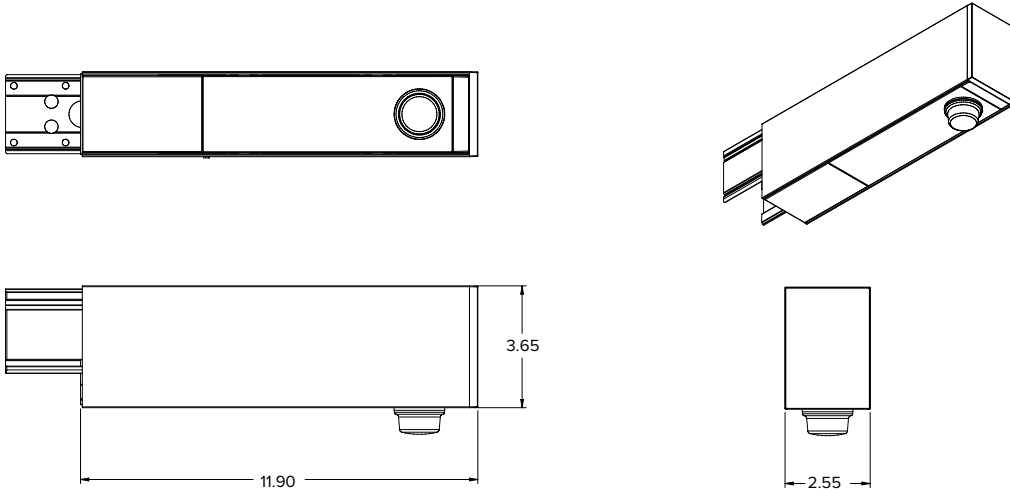


SCP

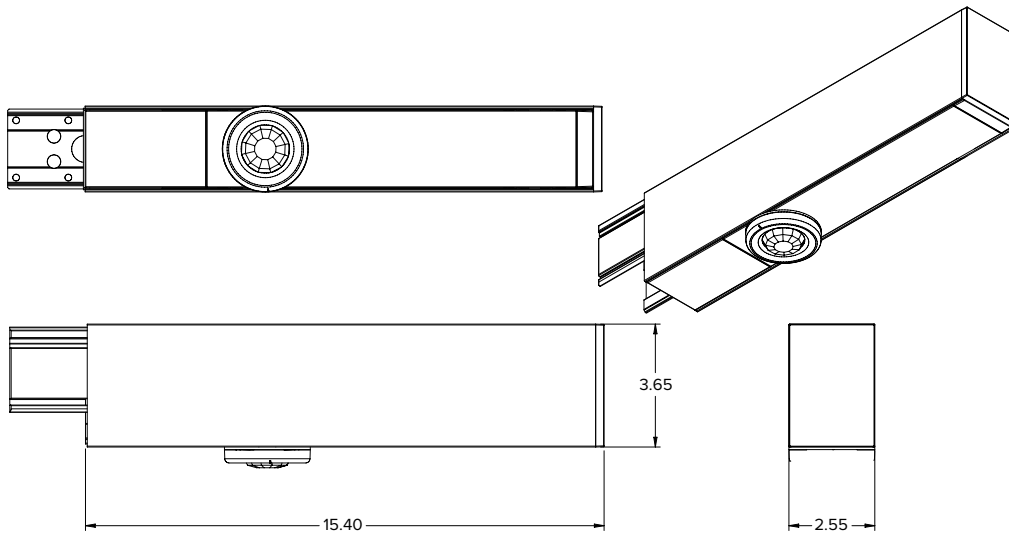


CONTROLS DIMENSIONS (CONTINUED)

NXW



NXWSM



PHOTOMETRY

RNR-X-4-10-4K8-AS-CL

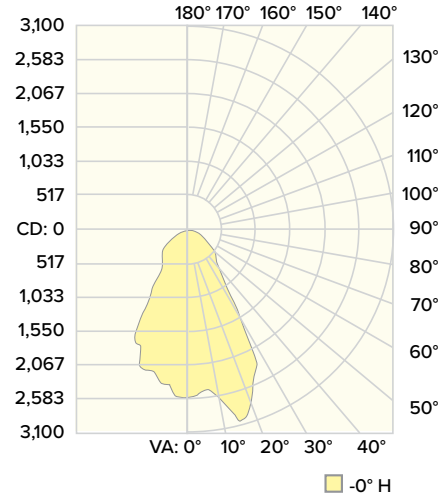
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	4400
Watts	52
Efficacy	84.6

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1,944.4	44.20%
0-40	2,858	65%
0-60	4,043	91.90%
60-90	354.7	8.10%
Total Flux	4,400	100%

ISOFOOT CANDLE PLOT



RNR-X-4-10-4K8-SM-CL

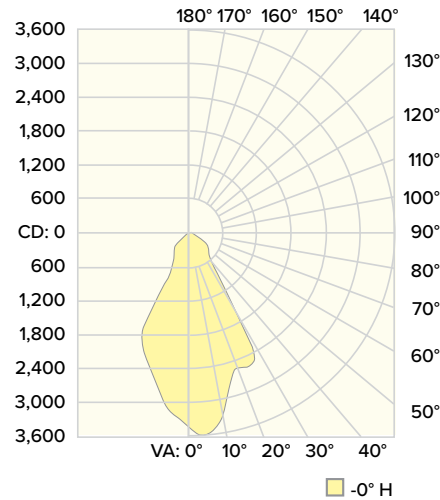
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	4865
Watts	52
Efficacy	93.6

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	2,299.8	47.30%
0-40	3,267.8	67.20%
0-60	4,494	92.50%
60-90	366.9	7.50%
Total Flux	4,865	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

RNR-X-4-10-4K8-WG-CL

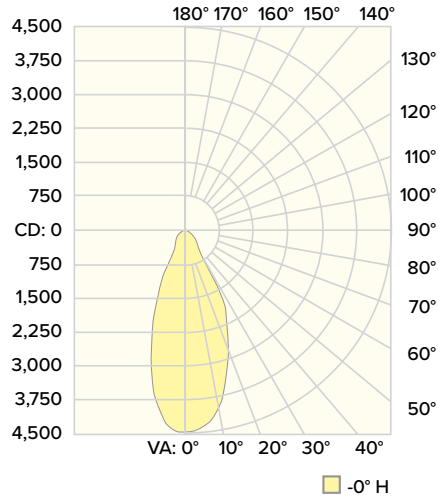
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	5099
Watts	52
Efficacy	98.1

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	2,640.8	51.80%
0-40	3,635.1	71.40%
0-60	4,800.3	94.20%
60-90	293	5.80%
Total Flux	5,099	100%

ISOFOOT CANDLE PLOT



RNR-X-4-10-4K8-WW-CL

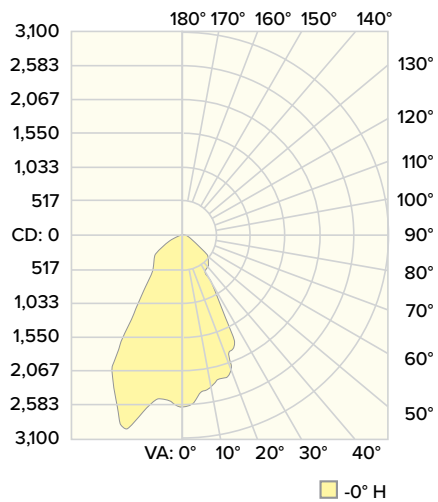
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	4400
Watts	52
Efficacy	84.6

ZONAL LUMEN SUMMARY

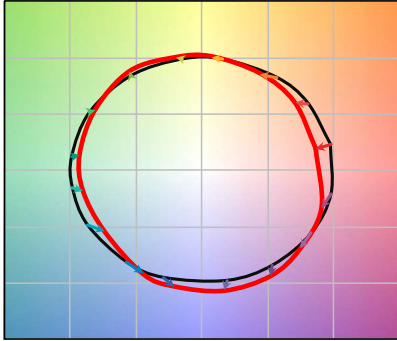
Zone	Lumens	% Luminaire
0-30	1,944.7	44.20%
0-40	2,858	65%
0-60	4,043	91.90%
60-90	354.7	8.10%
Total Flux	4,400	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC



— Reference Illuminant — Test Source

TEST SOURCE

MBM TEST RESULTS	
R_f	81
R_g	96
CCT (K)	4038
D_{uv}	0.0022
x	0.3803
y	0.3814
CIE R_a	82

ELECTRICAL DATA

Pursuit Recessed Power Load Matrix (10A Max Amperage)						
Version	Size (ft)	Lumen Power Level	Load (A)	System Power (W)	Max Mated Units	Total Feet
RNR	2ft	500	0.114	13.1	88	150
		750	0.171	19.6	58	116
		1000	0.226	26.0	44	88
	3ft	500	0.166	19.1	60	150
		750	0.25	28.6	40	120
		1000	0.335	38.4	30	90
	4ft	500	0.219	25.0	46	150
		750	0.329	37.8	30	120
		1000	0.456	51.8	22	88
	6ft	500	0.327	37.2	31	150
		750	0.494	56.0	20	120
		1000	0.674	76.0	15	90
	8ft	500	0.432	49.7	23	150
		750	0.656	74.8	15	120
		1000	0.901	103.6	11	88

TM-21 Lifetime Calculation - Projected Lumen Maintenance (25°C / 77°C)						
Ambient Temp.	0	25,000	36,000	50,000	100,000	REPORTED L70
25°C / 77°F	100%	97.39%	96.16%	94.63%	89.34%	> 60,000