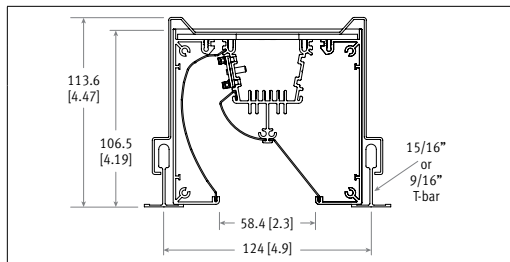


DP25

LED . Recessed Wall-Wash & Perimeter



CAT #:
PREP BY:
DATE:
PROJECT:
TYPE:
NOTES:

ORDERING LOGIC

Sample part number: DP25-1L35K-4-N-N-SA-L31-T-1-N

Optics																		
DP25			N	N		1	T		N									
Model	Color Temp	Length	Up	Down	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls								
Color Temp	Length	Optics Up	Optics Down	Finish	Light Level (LL) / Driver*		Circuitry	Mounting	Voltage									
1L30K = 3000K	2 = 2 ft	N = None		B = Black	<div>Fixture Lumens</div> <div>Light level measured at 3500K. Add 3% lumen output for 4000K or subtract 2% lumen output for 3000K.</div> <table><tr><th>0-10V Dimming (Standard)</th><th>3500k</th></tr><tr><td>L1</td><td>= 1268</td></tr><tr><td>L2</td><td>= 1614</td></tr><tr><td>L3</td><td>= 2317</td></tr><tr><td>L4</td><td>= 4435</td></tr></table> <div>Based on 4ft sections.</div> <div>* All drivers remote mounted.</div>		0-10V Dimming (Standard)	3500k	L1	= 1268	L2	= 1614	L3	= 2317	L4	= 4435	1 = 1 Circuit	1 = 120 V
0-10V Dimming (Standard)	3500k																	
L1	= 1268																	
L2	= 1614																	
L3	= 2317																	
L4	= 4435																	
1L35K = 3500K	4 = 4 ft		SA = Satin Aluminum		Mounting	2 = 277 V												
1L40K = 4000K	8 = 8 ft	N = None	W = White		T = Recessed T-Bar	3 = 347 V												
	R = Continuous Rows (Consult factory)		C = Custom Finish Specify RAL#:			4 = UNV (120 - 277 V)												
						Controls												
						N = None												

SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

Housing: Rigid 3-piece extruded aluminum body with 22-gauge steel top cover plate.

End Caps: Steel powder coated.

Optical System: Metalum mid-flux LED technology transmits to internal smooth, high performance reflectors. Open luminaire, no lens design.

CRI: 83+ (3500K) (80 minimum for all CCT)

Lumen Maintenance: At an ambient

operating temperature of 25°C our LED system output remains useful at L85 ≥ 60 000hrs.

Finish: Black, satin aluminum, or white powder coated paint finish. For custom finish, contact factory.

Mounting: Fits both 9/16" and 15/16" T-Bar. Mounting brackets provided.

Drivers: Metalumen offers dimming drivers

as a standard on our entire LED product offering at 0-10V. Dimming range is down to 1%. Power factor @ full load is >90% with a Class 2 rating. All drivers remote mounted.

Controls: Not available.

Lutron Driver Options: Consult factory for Lutron LED driver options:

• LHE H-Series Hi-lume 1% EcoSystem

• LAE A-Series Hi-lume 1% EcoSystem

• LA2 A-Series Hi-lume 1% 2-wire

• LSE 5-Series EcoSystem

Approvals: Certified to NRTL safety and IES Recommendation testing standards. All components are UL/CSA/QPS recognized or listed. RoHS, LM79, LM80 and LM82 compliant.

Environment: Suitable for dry locations.

WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.

LUMINAIRE WATTAGE AND OUTPUT SPECIFICATION

Light Level	Wattage	Lumens Delivered	Efficacy (LPW)	Lumen Adjustment Factor		
				Color Temp	80 CRI	90 CRI
L1	13.892	1268	91	3000K	0.984	0.873
L2	17.708	1614	91	3500K	1.000	0.875
L3	24.288	2317	95	4000K	1.032	0.879
L4	48.622	4435	91			

APPROVALS

Signature

Date

FILE NAME: DP25_LED_T_SPEC_SHEET_20190215

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9

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Metalumen

FEATURES



COMMERCIAL // Commercial Lighting - With over 30 years of successful architectural lighting, providing unique concept and installation solutions has become second nature. Metalumen's Start to End Development Process results in unique performance, design and architectural requirements from concept through implementation. Metalumen's Lighting Solutions have been

applied to customer projects requiring: high profile architectural installations; improved energy efficiency; retrofit installations; unique installations. Metalumen can provide top-quality innovative fixtures when and where they are needed and, at the same time, allow the customer to determine their level of involvement in Metalumen's Start to End Development Process.



Edulumen is a collection of premium luminaires that maximize both the functionality and performance of any educational facility. Based on maximum efficiency, integration of controls and exceptional design, Edulumen will earn high marks for meeting your requirements. Students challenge themselves throughout the day to achieve, and Metalumen is dedicated to this by

creating sustainable environments that foster enhanced educational experiences

META LED boards with a raw efficacy of over 120lm/W, proprietary to Metalumen. A slim LED platform for any of your LED linear application.

PHOTOMETRIC DATA - 3500K

L3

File Name: DP25-2L35K-4-L3
Luminaire Lumens: 2317
Total Watts: 24.29
Efficacy: 95 lms/W
Optics Up: None
Optics Down: Open

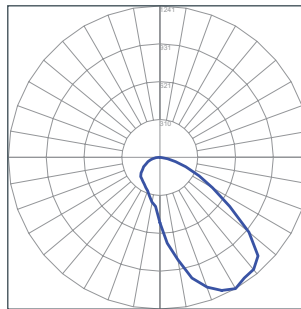
COEFFICIENTS OF UTILIZATION

Zonal Cavity Method

Effective Floor Cavity Reflectance = .20

RC RW	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
RCR												
0	119	119	119	119	116	116	116	116	111	111	111	
1	108	103	99	95	106	101	97	94	97	94	91	
2	98	90	82	76	95	88	81	76	84	79	74	
3	89	78	69	63	86	76	68	62	73	67	61	
4	81	69	59	52	79	67	59	52	65	57	51	
5	74	61	51	44	72	60	51	44	57	50	44	
6	68	54	45	38	66	53	44	38	51	44	38	
7	63	49	40	33	61	48	39	33	46	39	33	
8	58	44	35	29	57	44	35	29	42	34	29	
9	54	40	32	26	53	40	32	26	39	31	26	
10	51	37	29	23	49	36	29	23	35	28	23	

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	6063	6321	3987
55	3791	5735	4105
65	2033	3462	4207
75	838	1456	3956
85	128	227	2132

CANDLE DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	536.63	536.63	536.63	536.63	536.63
5	705.29	667.54	638.77	586.74	521.16
10	849.72	835.26	756.6	634.87	513.2
15	1022.42	971.03	843.34	694.41	511.96
20	1131.13	1097.33	965.21	745.6	491.42
25	1203.34	1182.83	1051.56	790.9	484.88
30	1241.19	1204.69	1089.09	828.45	480.1
35	1205.08	1195.22	1107.5	851.06	456.87
40	1196.61	1161.02	1097.83	874.82	445.7
45	1140.69	1124.95	1060.07	864.21	423.16
50	954.63	1013.05	1004.21	841.26	398.44
55	697.81	756.4	919.94	803.24	365.77
60	498.54	543.41	733.14	739.37	336.67
65	354.71	374.2	513.22	656.51	291.73
70	224.84	246.86	332.51	518.92	247.49
75	133.64	139.38	191.62	343.5	187.85
80	65.66	71.78	89.48	168.63	127.42
85	17.85	19	25.18	47.6	51.56
90	1.4	1.68	2.07	3.55	8.17