



Portfolio

LED Product Selection Guide

April 2021

Portfolio

Specification grade product family combining energy efficiency with superior cutoff, optical performance and control for Architectural applications. This complete family designed for glare free illumination from recessed downlights and cylinders is complimented by directional/accent and wall wash luminaires to seamlessly complete all spaces including offices, education, retail, hospitality and healthcare. Comprehensive line includes a multitude of driver options, color temperatures, CRI, beam distributions and reflector finishes.

portfolio-lighting.com



Downlights LED Selection Guide



Aperture Size	2-inch				4-inch								6-inch								8-inch															
Nominal Lumens	500	1000	1500	2000	1000	1500	2000	3000	4000	5000	6000	1000	1500	2000	3000	4000	5000	6000	7000	1000	1500	2000	3000	4000	5000	6000	7000	8000	9000	10000	12000	15000	17500	20000		
Nominal Wattage	7.3	11	16	21.2	10.6	14.5	20.8	28	41.8	58.8	62.5	10.6	14.5	20.8	28	41.8	58.8	62.5	79.5	10.2	14.4	21.3	27.1	40.9	53	59.5	75.9	74.4	86.1	106.3	118	159	177	177		
Nominal LPW	68.5	91	93.8	94.3	94.3	103.5	96.2	107.1	95.7	85	96	94.3	103.4	96.2	107	95.7	85	96	88.1	98	104.2	93.9	110.7	97.8	94.3	100.8	92.2	107.5	104.5	94.1	101.4	94.6	98.8	113		
Dim to Warm	•	•	•	•	•	•	•	•				•	•	•	•					•	•	•	•	•		•			•							
VividTune tunable white		•			•	•	•					•	•	•																						
Nom CCT	2400K / 2700K / 3000K / 3500K / 4000K / 5000K				2400K / 2700K / 3000K / 3500K / 4000K / 5000K								2400K / 2700K / 3000K / 3500K / 4000K / 5000K								2700K / 3000K / 3500K / 4000K / 5000K															
CRI	80 / 90 / 97				80 / 90 / 97								80 / 90 / 97								80 / 90 / 97															
Nominal Beam Dnlt	15 / 25 / 40 / 55																																			
Narrow beam	15°				25°								25°								15°								30°				34°			
Medium beam	25°				50°								50°								40°								44°				46°			
Wide beam	40°, 55°				75°								75°								73°															
Shallow	•				90°								90°								86°															
Non conductive - dead front					90°								90°																							
Open wall wash					Single, double and corner								Single, double and corner								Single and double															
Lensed wall wash	•				•								•																							
Square downlight	•				55°								55°																							
Square shallow downlight	•				90°								90°																							
Square lensed wall wash	•				•								•																							
Retrofit	•				Round								Round								•															
Remodel	•				Round								Round								•															
Cylinder	•				up to 4000 lumens								up to 4000 lumens								up to 6,000 lumens															
Shallow Cylinder	•				up to 3000 lumens								up to 4000 lumens								up to 6,000 lumens															
D010 1%	•	•	•	•	•	•	•	•	•			•	•	•	•	•				•	•	•	•	•			•	•				•				
D010TR/TE 120V line voltage or 120-277V 0-10V		TR	TR		TR	TR	TR	TR	TR	TE	TE	TR	TR	TR	TR	TR	TE	TE	TE	TR	TR	TR	TR	TR	TE	TE	TE	TR	TR	TE	TE	TE	TE	TE		
DE010 0-10V 0%		•	•		•	•	•	•	•			•	•	•	•	•				•	•	•	•	•	•		•	•		•						
D5LT DALI		•	•		•	•	•	•	•			•	•	•	•	•				•	•	•	•	•	•		•	•		•						
DMX		•	•		•	•	•	•	•			•	•	•	•	•				•	•	•	•	•	•		•	•		•						
DL2 Lutron® forward phase		•	•		•	•	•	•	•			•	•	•	•	•				•	•	•	•	•	•		•	•		•						
DLE Lutron® Ecosytem		•	•		•	•	•	•	•			•	•	•	•	•				•	•	•	•	•			•	•								
DLVP	•	•	•	•	•	•	•	•	•			•	•	•	•					•	•	•														
Wavelinx Wireless / Wavelinx Lite	•				•								•								•															
Emergency options	•				•								•								•															

Adjustable LED Selection Guide



Aperture Size	2-inch				3-inch						4-inch				6-inch									
Nominal Lumens	500	1000	1500	2000	250	700	1000	1300	1800	2300	900	1300	1800	2800	1000	1500	2000	3000	4500	5500	6500	7500		
Nominal Wattage	7.4	11.0	15.1	21.2							13.8	22.9	29.1	44.5	15	22.9	29.4	44.5	52.2	60.8	78.7	78.7		
Dim to Warm		•	•				•	•			•	•	•		•	•	•							
Tunable White		•					•																	
Nom CCT	2400K / 2700K / 3000K / 3500K / 4000K / 5000K				2400K / 2700K / 3000K / 3500K / 4000K / 5000K						2700K / 3000K / 3500K / 4000K				2700K / 3000K / 3500K / 4000K									
CRI	80 / 90 / 97				90 / 97						80 / 90				80 / 90									
Nominal Beam Adjustable	15 / 25 / 40 / 55				10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 65 / 70																			
Field changeable optics	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
Round adjustable	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Square adjustable and wall wash	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•	•		
D010 1%	•	•	•	•	•																			
D010TR/TE 120V line voltage or 120-277V 0-10V		•	•		•						•	•	•	•	•	•	•	•	•					
DE010 0-10V 0%		•	•		•						•	•	•	•	•	•	•	•	•					
D010 10%																				•	•	•		
D5LT DALI		•	•		•						•	•	•	•	•	•	•	•	•					
DMX		•	•		•						•	•	•	•	•	•	•	•	•					
DL2 Lutron® forward phase		•	•		•						•	•	•	•	•	•	•	•	•					
DLE Lutron® Ecosytem		•	•		•																			
DLVP	•	•	•	•	•																			
Wavelinx Wireless / Wavelinx Lite	•				•																			
Emergency options	•																							

Multi-head LED Selection Guide



Aperture Size	1-inch downlight	1-inch adjustable	4-inch	
Nominal Lumens	200	200	800	1200
Nominal Wattage	3.1 - 34.7	3.1 - 34.7	10-56	
Nom CCT	2700K / 3000K / 3500K / 4000K	2700K / 3000K / 3500K / 4000K	2400K / 2700K / 3000K / 3500K / 4000K / 5000K	
CRI	90	90	90 / 97	
Nominal Beam Adjustable	30/50	30/50	10 / 15/20/25/30/35/40/45/50/55/60/65/70	
Field changeable optics	N	N	Y	
New construction	•	•	•	•
Install from below	•	•	•	•
D010 1%	•	•	•	•
D010TR/TE 120V line voltage or 120-277V 0-10V	•	•	•	•
DE010 0-10V 0%	•	•	•	•
D010 10%	•	•	•	•
D5LT DALI	•	•	•	•
DMX	•	•	•	•
DL2 Lutron® forward phase	•	•		
DLE Lutron® Ecosytem	•	•		
DLVP	•	•	•	•
Wavelinx Wireless / Wavelinx Lite	•	•	•	•
Emergency options	•	•	•	

Lighting Product Lines

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO
HALO Commercial
Invue
io
IRiS
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

Controls Product Lines

Greengate

Connected Lighting Systems

Fifth Light (Canada Only)
HALO Home
WaveLinx

IoT Platform

Trellix



Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

© 2021 Cooper Lighting Solutions
All Rights Reserved
Printed in USA
Publication No. SA520050EN
April 14, 2021 12:57 PM

All other trademarks are property
of their respective owners.

Product availability, specifications,
and compliances are subject to
change without notice.