HALO Downlighting
LED Product Selection Guide

August 2023

COOPER
Lighting Solutions
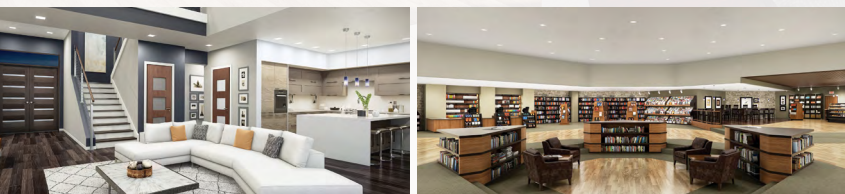
HALO®

For over 65 years, **HALO** has been the industry-leader in high-quality recessed downlighting. For new construction, renovation or retrofits, **HALO** offers a full range of LED luminaires from 2" apertures all the way to 14" apertures. Our innovative surface mount downlights can be retrofitted into existing recessed housings, installed into most junction boxes or direct mounted to the ceiling with mains connections to an integrated junction box. Our LED lamp-based housing and trim solutions are available in 3", 4", 5", and 6" apertures for line and low voltage MR16/PAR16 lamps and 3", 4", 5", and 6" apertures for medium screw base (E26) lamps.

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The LED selection guide is a simple yet powerful tool to help assist with product comparisons and selection based on features, performance and value.

Market focus portfolio with products designed for broad applications

Value and quality industry leading leadership

Performance for any application and feature offerings for residential and commercial applications

		Good		Better			Best
		HLCE	**HLS**	**BLD**	**CLD**	**SMD**	**SLD**
APPLICATION	Lens / Wet Location		✔	✔	✔	✔	✔
	Lens / Damp Location	✔					
	Accent Adjustable						
	Wall Wash						
	Open / Deep Baffle						
FEATURES / PERFORMANCE	Size / Shape	4" & 6" Round	4" / 6" / 9" Round	4" & 6" Round	7" Round	4"/6"/12"/14" Round & Square	4" & 6" Round
	Lumens (Max)	960	1200	812	810	1264	1215
	Lite (L70B50)	50K hours	50K hours	50K hours	50K hours	50K hours	50K hours
	CRI	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)
	CCT (K)	30	30/40/50	27/30/35/40/50	30/40/50	27/30/35/40/50	27/30/35/40
	Distribution / S.C.	1.4	1.4	1.4	1.4	1.4	1.4
	Input Voltage	120	120	120	120	120/120-277	120/120-277
CONTROL	Field Select (5) CCT			✔	✔ (3)	✔	✔
	LE/TE Phase Cut	✔	✔	✔	✔	✔	✔
	0-10V Analog					✔	✔
	Smart (Zigbee)						
	Smart (Wi-Fi® + Bluetooth)			✔			

Junction Box Installation (SMD)

Good ———————————————— **Better**

		HLB Lite	LT-DM	CJB	HLBPH	RL-DM	RA-DM	HLA	HLB
APPLICATION	Lens	smooth	smooth	smooth	smooth	smooth	smooth	smooth	prismatic
	Wet Location	✔	✔	✔	✔	✔	✔	✔	✔
	Direct Mount Type	slim	regressed	slim w/driver attached	slim	regressed	regressed adjustable	smooth adjustable	slim
	Wall Wash								
FEATURES / PERFORMANCE	Size / Shape	4" & 6" Round	3"/4"/6" Round	4" & 6" Round	4" & 6" Round	4" & 6" Round	4" & 6" Round	3" & 4" Round & Square	3"/4"/6" Round & Square 8" & 12" Round
	Lumens (Max)	1000	800	600 or 900	1100	1200	600	600	2400
	Lite (L70B50)	30K hours	35K hours	35K hours	50K hours	70K hours	70K hours	50K hours	50K hours
	CRI	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)
	CCT (K)	27/30/35/40/50/60	27/30/35 & 30/40/50	27/30/35/40/50	27/30/35/40/50	27/30/35/40/50/ D2W	27/30/35/40/50	27/30/35/40/50	27/30/35/40/50
	Distribution / S.C.	1.4	1.2	1.4	1.4	1.2	1.2	1.4	1.4
	Input Voltage	120	120	120	120	120	120	120	120/120-277
CONTROL	Field Select CCT	✔ (3) CCT	✔ (3) CCT	✔ (5) CCT	✔ (5) CCT	✔ (5) CCT (2) D2W	✔ (5) CCT	✔ (5) CCT	✔ (5) CCT
	Field Select Lumens					✔			
	LE/TE Phase Cut	✔	✔	✔	✔	✔	✔	✔	✔
	0-10V Analog								✔
	Smart (Zigbee)								
	Smart (Wi-Fi® + Bluetooth)								✔

Canless Installation

Best

		HLBC	RL-DM Night Light	RLS-DM Slope	LCR	ML4-DM	QuickLink Slim		QuickLink Regressed	
							Phase Cut	0-10V	Phase Cut	0-10V
APPLICATION	Lens	prismatic	smooth	prismatic	smooth	lensed or open	prismatic	prismatic	smooth	smooth
	Wet Location	✔	✔	✔	✔	✔	✔	✔	✔	✔
	Direct Mount Type	slim	regressed	regressed / slope ceiling	regressed	flush or regressed	slim (HLB)	slim (HLB)	regressed (LT-DM)	regressed (RL-DM)
	Wall Wash				✔	✔				
FEATURES / PERFORMANCE	Size / Shape	4" & 6" Round	4" & 6" Round	4" & 6" Round	2"/4"/6"/8" Round	4" Round/Square	4" & 6" Round	4" & 6" Round	4" & 6" Round	4" & 6" Round
	Lumens (Max)	1100	1000	1500	8000	1000	1000	1000	600	600
	Lite (L70B50)	50K hours	50K hours	50K hours	50K hours	50K hours	50K hours	50K hours	50K hours	50K hours
	CRI	90 (min)	90 (min)	90 (min)	90 (min)	90 & 95	90 (min)	90 (min)	90 (min)	90 (min)
	CCT (K)	27/30/35/40/50/D2W	27/30/35/40/50/D2W	27/30/35/40/50	27/30/35/40/50/65	27/30/35/40/50/D2W	27/30/35/40/50	27/30/35/40/50	27/30/35/40/50	27/30/35/40/50
	Distribution / S.C.	1.2	1.2	1.2	1.2	NFL, FL, WFL, AWW	1.4	1.4	1.2	1.2
	Input Voltage	120/120-277	120	120	120-277	120-277	120	120-277	120	120-277
CONTROL	Field Select CCT	✔ (5) CCT (2) D2W	✔ (5) CCT	✔ (5) CCT	✔ (5) CCT	✔ (5) CCT (2) D2W	✔ (5) CCT	✔ (5) CCT	✔ (5) CCT	✔ (5) CCT
	Field Select Lumens	✔								
	LE/TE Phase Cut	✔	✔	✔	✔	✔	✔		✔	
	0-10V Analog				✔	✔		✔		✔
	Smart (Zigbee)									
	Smart (Wi-Fi® + Bluetooth)									

Quick⚡Link *Low Voltage System*

1 POWER SUPPLY & MULTIPLE FIXTURES

With QuickLink Twist Connectors, each fixture attaches to the low voltage cable in seconds. The flexibilty of the system allows the user to mix and match the compatible HALO QuickLink canless fixtures onto the same low voltage cable.

Good —————— Better —————— Best

		LT	LA	HLBC	RL	RL Night Light	RLD	RA	RSQ	ML4	ML56
APPLICATION	Lens / Wet Location	✔		✔	✔	✔			✔	✔	✔
	Accent Adjustable		✔					✔			✔
	Wall Wash									✔	✔
	Open / Deep Baffle						✔			✔	✔
FEATURES / PERFORMANCE	Size / Shape	4″ & 5/6″	4″ & 5/6″	4″ & 6″ Round	3″ / 4″ & 5/6″	4″ & 5/6″	4″ & 6″	3″ / 4″ & 5/6″	4, 5 & 6″	4″	5″ & 6″
	Lumens (Max)	1200	600	1100	1200	1000	600	600	800	1100	1200
	Lite (L70B50)	50K hours	50K hours	50K hours	70K hours	50K hours	70K hours	70K hours	50K hours	50K hours	50K hours
	CRI	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 (min)	90 or 95	90 (min)
	CCT (K)	27/30/35/40/50	27/30	27/30/35/40/50/D2W	27/30/35/40/50/D2W	27/30/35/40/50/D2W	30	27/30/35/40/50	27/30/35/40	27/30/35/40/50/D2W	27/30/35/40/50/D2W
	Distribution / S.C.	1.3	VWFL	1.2	1.2	1.2	1.4	NFL/VWFL	1.2	NFL/FL/WFL	NFL/FL/WFL
	Input Voltage	120	120	120/120-277	120	120	120	120	120	120-277	120-277
CONTROL	Field Select CCT	✔ (5) CCT		✔ (5) CCT (2) D2W	✔ (5) CCT (2) D2W	✔ (5) CCT (2) D2W		✔ (5) CCT	✔ (5) CCT	✔ (5) CCT (2) D2W	✔ (5) CCT (2) D2W
	Field Select Lumens			✔	✔					✔	✔
	LE/TE Phase Cut	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	0-10V Analog									✔	✔
	Smart (Zigbee)				✔						
	Smart (Wi-Fi® + Bluetooth)				✔						

Recessed Installation

HALO

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Better ———————————————— **Best**

		HL6	H4LED	HL36AR/ HL36SAR	HL3R/HL3S
APPLICATION	Lens / Wet Location	✔	✔	✔	✔
	Accent Adjustable	slope ceiling	✔	✔	✔
	Wall Wash		✔	✔	✔
	Open / Deep Baffle	✔	✔	✔	✔
FEATURES / PERFORMANCE	Size / Shape	6"	4" Round and Square	3" Round & Square	3" Round & Square
	Lumens (Max)	1800	700	1500	1800
	Lite (L70B50)	50K hours	50K hours	50K hours	50K hours
	CRI	90 (min)	90 (min)	90 (min)	90 (min)
	CCT (K)	27/30/35/40	27/30/35/40	27/30/35/40	27/30/35/40
	Distribution / S.C.	NFL/FL/WFL	NFL/FL/WFL & 1.2	SP/NFL/FL/WFL	SP/NFL/FL/WFL
	Input Voltage	120-277	120-277	120/120-277	120/120-277
CONTROL	Field Select (5) CCT				
	LE/TE Phase Cut	✔	✔	✔	✔
	0-10V Analog	✔	✔	✔	✔
	Smart (Zigbee)				
	Smart (Wi-Fi® + Bluetooth)				

Lighting Brands
Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO
HALO Commercial
Invue
iO
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
PrentaLux - 3D Printed Lighting
RSA
Shaper
Streetworks
Sure-Lites
Telensa

Controls Brands
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Fifth Light
Intelligent Lighting Controls

Connected Lighting Systems and Smart Spaces Platform
WaveLinx

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