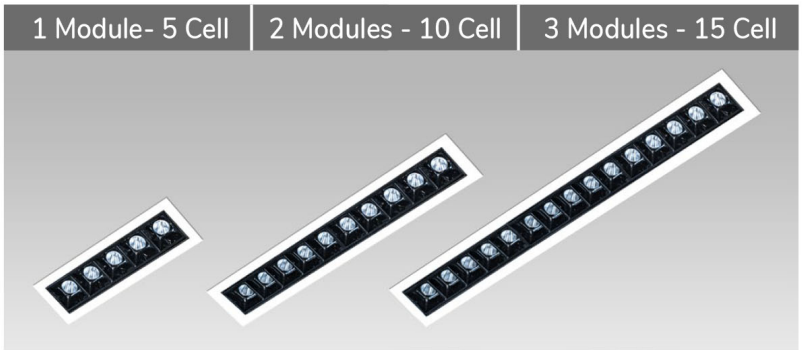
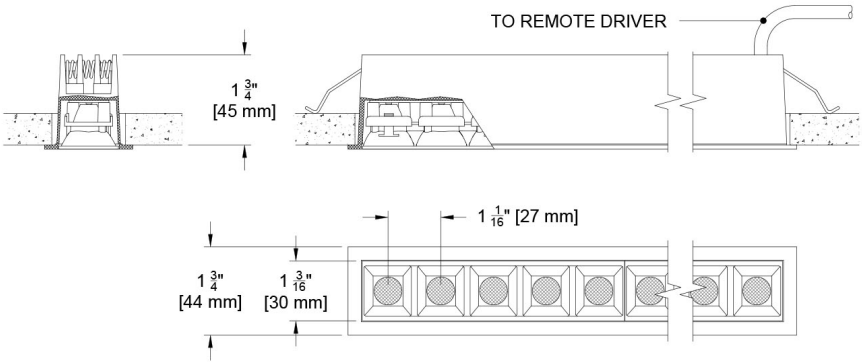
The Slice Family

Illuminate your space with precision Slices of glare free light. The Slice family offers linear 1” and 2” wide profiles in recessed and surface options. Our 1” recessed delivers over 1700 lumens per foot in a choice of 5, 10 or 15 cell configurations. This family member features a defined single piece housing and avoids the end caps used in the continuous sister product. The unobtrusive fixture features incredibly low glare values (UGR ≥10). Offered with multiple flange finishes, 3 CCTs, 2 outputs and 3 beam options, the slice 1” packs a bunch in a small footprint.





PROJECT: TYPE:

SPECIFIER: DATE:

Key Points (SL1DE-MCFRC)

Trim

- 1" cells arrayed in 5 cell increments with 3 defined lengths (5, 10, 15)
- 14 available trim flange finishes+ custom/RAL available
- Flange construction integral with full housing. No end caps required as with the continuous version

Source / Optics

- Up to 1700 Lumens/foot
- 3 beam spreads - 15°, 30° and 45°
- 60+ lumens per watt/foot
- Ultra low glare with UGR values <10
- <3 MacAdam Steps (<3 SDCM)
- CCT offerings - 2700k, 3000k, 3500k
- 90+ CRI and 50+ R9
- Supports CA Title 24 part 6 compliance meeting JA8 requirements

Housing

- Damp listed
- IC/Airtight supporting CA Title 24 part 6 compliance to JA8 requirements
- Chicago Plenum available

Driver And Control

- Remote Driver
- 0.1% dimming availalbe in 0-10 or DALI-2 protocols
- Flicker Free to IEEE 1789-2015 (low risk to no risk)
- Universal 120v to 277v

Slice 1” Multicell Linear Downlight - S06 (6 Watt System)						
1” Slice		Length		Delivered Lumens		
Modules	Cells	US (in)	Metric (mm)	15°	30°	45°
N/A	1	1.1	27.1	98.5	109	104.8
1	5	5	136	493	542	523
2	10	11	271	985	1090	1048
3	15	16	407	1478	1635	1572

Slice 1” Multicell Linear Downlight - S011 (11 Watt System)						
Modules	Cells	US (in)	Metric (mm)	15°	30°	45°
N/A	1	1.1	27.1	133.7	147.6	146.7
1	5	5	136	669	749	736
2	10	11	271	1337	1476	1467
3	15	16	407	2006	2214	2201

© 2026 Specialty Lighting Industries
NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.
Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: SL1DE-MCFRC-AF-10-SO11-30-45-SY1-P16

FIXTURE	MOUNTING	CELLS	LUMENS / WATTS	CCT	BEAM	DRIVER / CONTROL	TRIM FINISH	ACCESSORIES
SL1DE-MCFRC								
Slice 1" Linear Recessed Multicell Downlight (5, 10, 15)	**Flanged Housings** AF Flanged IC/Airtight Supports CA T24 part 6 compliance meeting JA8 Requirements	5 5 3/8" (137MM) 10 10 5/8" (270mm) 15 15 7/8" (403mm)	SO6 12W/ft* 542Lm/ft* 90+CRI, 50+R9 Specialty Board SO11 22W/ft* 749Lm/ft* 90+CRI, 50+R9 Specialty Board *Delivered Lumens based on tests performed at 3000K w/ 30° beam angle Supports CA T24 part 6 compliance meeting JA8 requirements	27 2700K 30 3000K 35 3500K	15 Spot 30 Narrow Flood 45 Flood	SY1 0-10 1.0%, UNV (120-277V) linear SY2 0-10* 1.0%, UNV (120-277V) log E1 0-10 0.1%, UNV (120-277V) log E2 DALI-2 0.1%, UNV (120-277V) log E3 0-10 0.1%, UNV (120-277V) linear Note: Remote driver required for all fixture lengths. See Electrical Guide for wire run distances. *SY2 Log - Only available on 15 cell selection ELECTRICAL GUIDE LINK	**Standard** B Black Paint **Optional** W White Paint PXX Specialty Paint Color* P01-P15 C Custom/RAL Color* Note: Baffle is black only *See Finish Guide FINISH GUIDE LINK	CP Chicago Plenum

© 2026 Specialty Lighting Industries

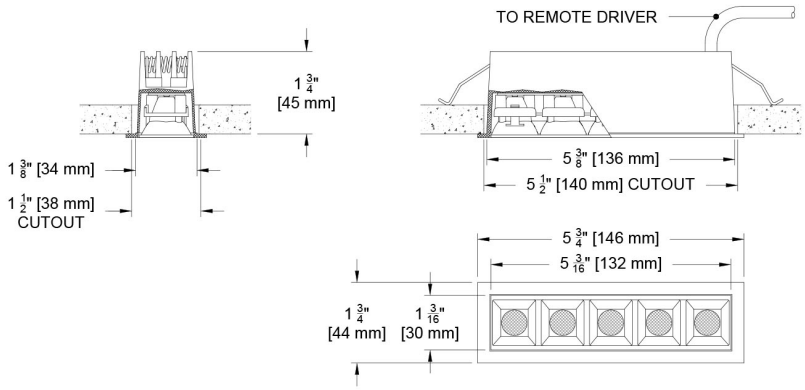
NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Ceiling Cutouts and Dimensions

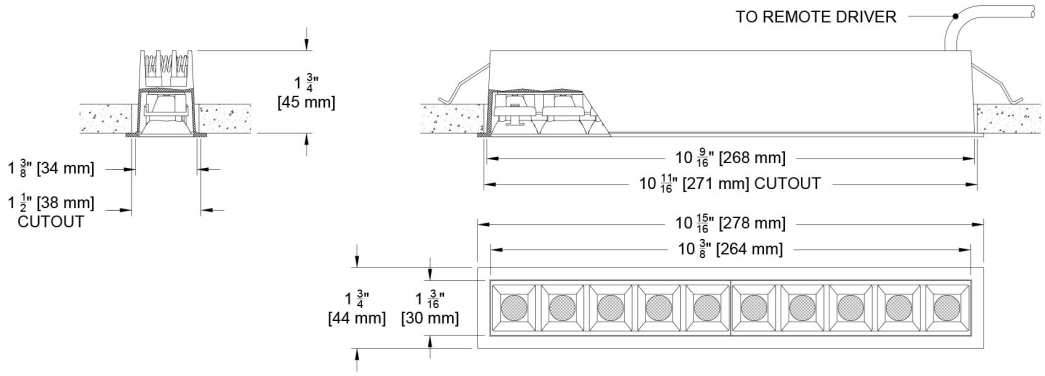
SL1- Recessed Mount Multicell Housing for 5 Cell

(SL1DE-MCFRC-AF-)



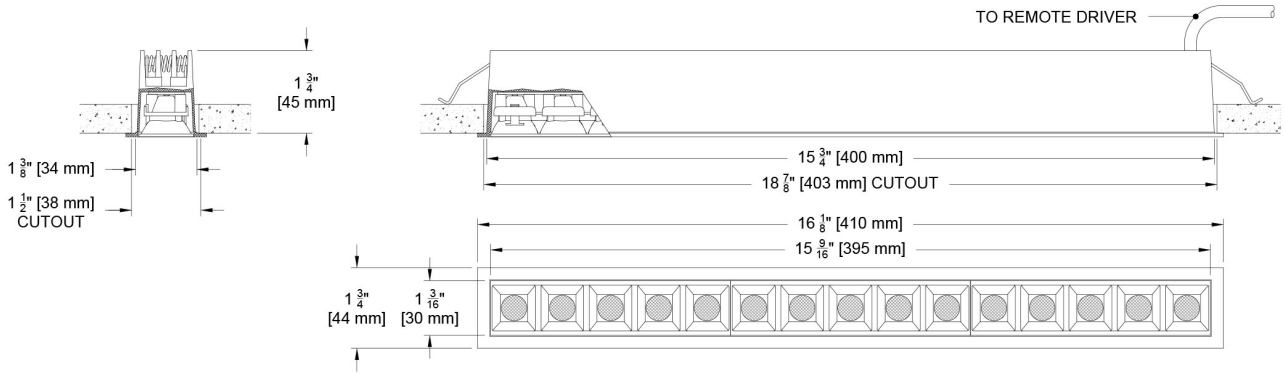
SL1- Recessed Mount Multicell Housing for 10 Cell

(SL1DE-MCFRC-AF-)



SL1- Recessed Mount Multicell Housing for 15 Cell

(SL1DE-MCFRC-AF-)



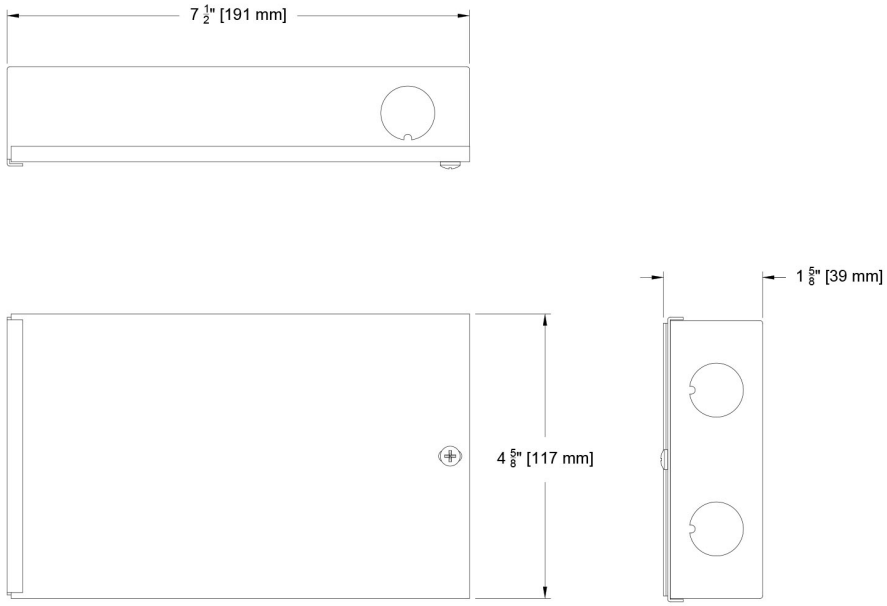
© 2026 Specialty Lighting Industries

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Ceiling Cutouts and Dimensions

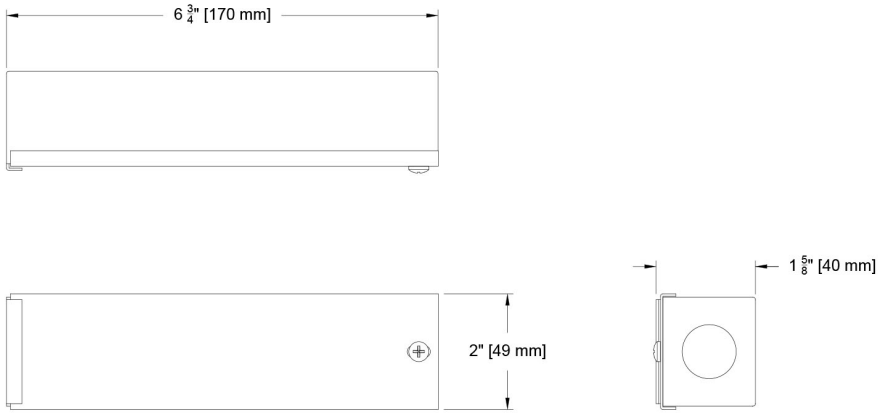
Driver Enclosure for 15 Cell

REMOTE MOUNTING REQUIRED



Driver Enclosure for 5 and 10 Cell

REMOTE MOUNTING REQUIRED



© 2026 Specialty Lighting Industries
NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.
Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

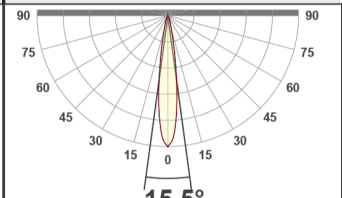
Photometric Table

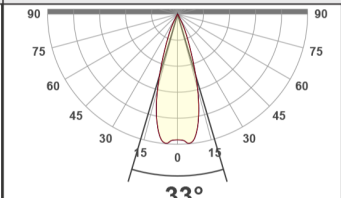
Values and files shown are based on delivered lumens and system watts for a 5-cell module at 5.25" (133 mm). Data for 10-cell and 15-cell modules can be approximated by multiplying by 2 or 3, respectively. All data is based on goniometer measurements of production-representative product at 3000K CCT with a black baffle, and may vary by ±10% from the LED manufacturer's rated flux range.

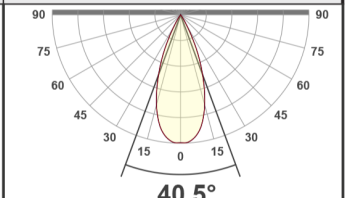
Slice 1" Multicell Linear Downlight - S06 (6 Watt System)

1" Slice		Length		Delivered Lumens		
Modules	Cells	US (in)	Metric (mm)	15°	30°	45°
N/A	1	1.1	27.1	98.5	109	104.8
1	5	5	136	493	542	523
2	10	11	271	985	1090	1048
3	15	16	407	1478	1635	1572

CCT Multiplier	
CCT	Citizen
2700	0.95
3000	1.00
3500	1.05
4000	1.1

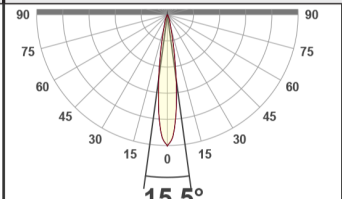


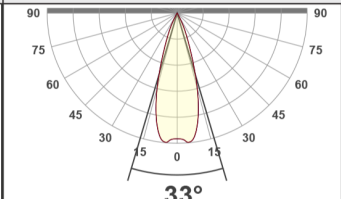


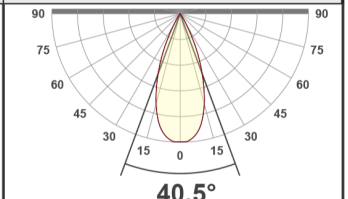


Slice 1" Multicell Linear Downlight - S011 (11 Watt System)

1" Slice		Length		Delivered Lumens		
Modules	Cells	US (in)	Metric (mm)	15°	30°	45°
N/A	1	1.1	27.1	133.7	147.6	146.7
1	5	5	136	669	749	736
2	10	11	271	1337	1476	1467
3	15	16	407	2006	2214	2201







© 2026 Specialty Lighting Industries

NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Color Data

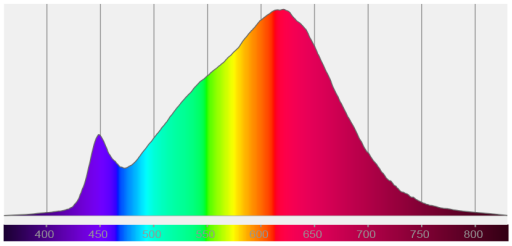
All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated data range. Measurements at 3000 CCT unless otherwise noted.

SO6 & SO11

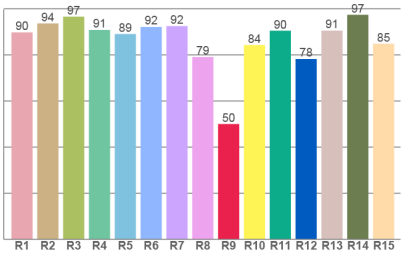
SO6 - 15°

90 CRI | 50 R9 | 91 RF | 97 RG

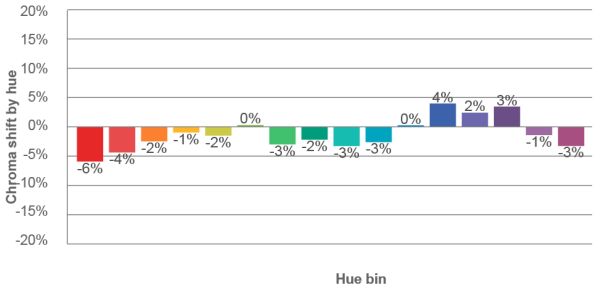
Spectra



CRI: 90.4 (R1-R8)

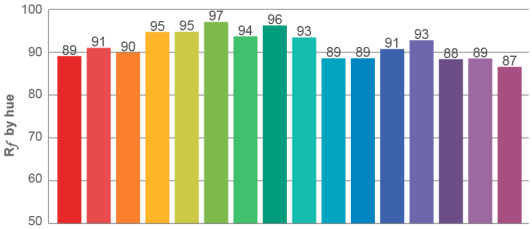


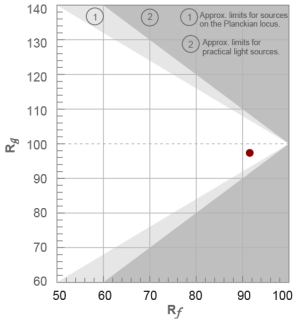
Color distortion



TM30: 91.5

TM-30Color

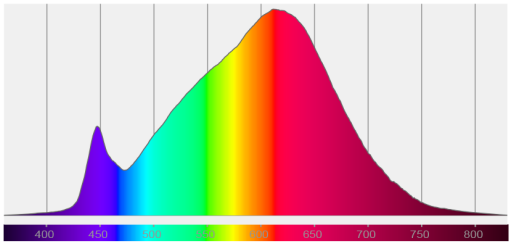




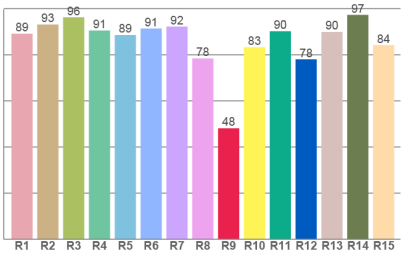
SO6 - 30°

90 CRI | 48 R9 | 91 RF | 98 RG

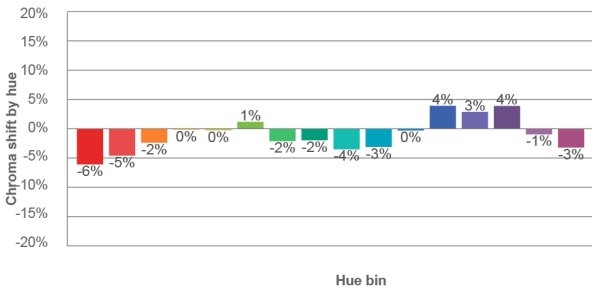
Spectra



CRI: 90.0 (R1-R8)

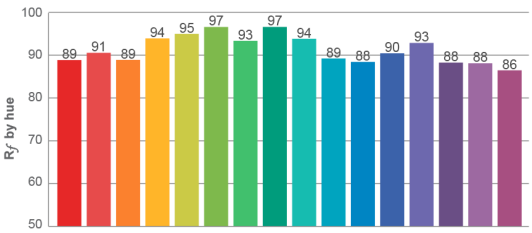


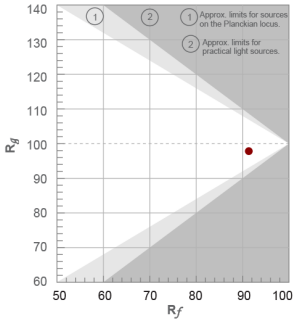
Color distortion



TM30: 91.3

TM-30Color





SO6 & SO11

© 2026 Specialty Lighting Industries

NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

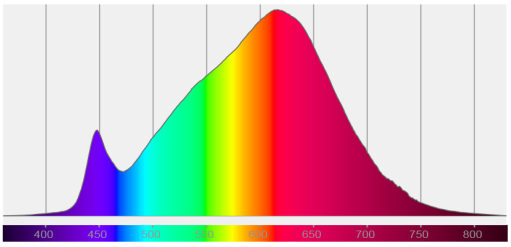
Slice 1" Linear Multicell Downlight (30mm)

Recessed linear fixture (5, 10, 15 Cells)

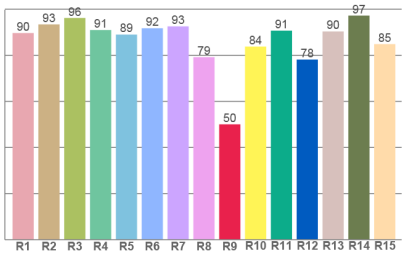
SO6 - 45°

90 CRI | 50 R9 | 91 RF | 99 RG

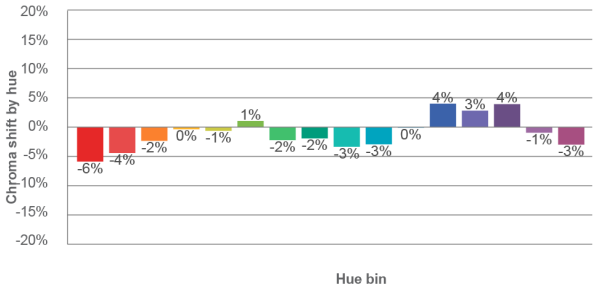
Spectra



CRI: 90.3 (R1-R8)

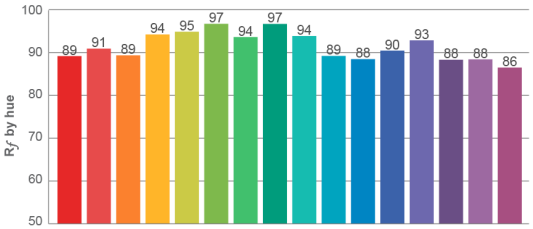


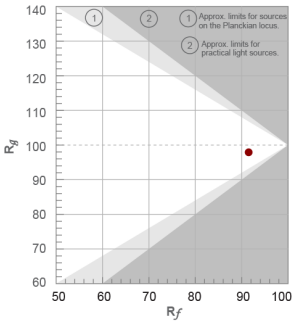
Color distortion



TM30: 91.5

TM-30Color

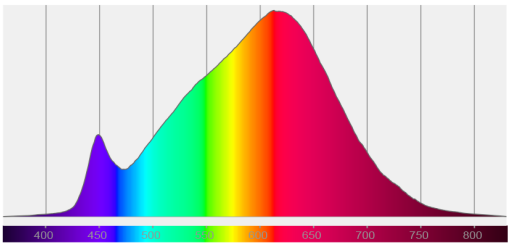




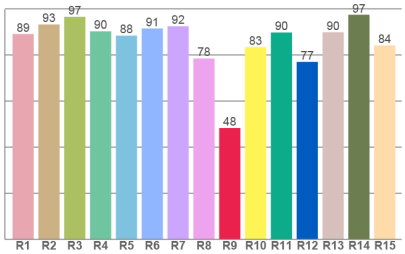
SO11 - 15°

90 CRI | 48 R9 | 91 RF | 97 RG

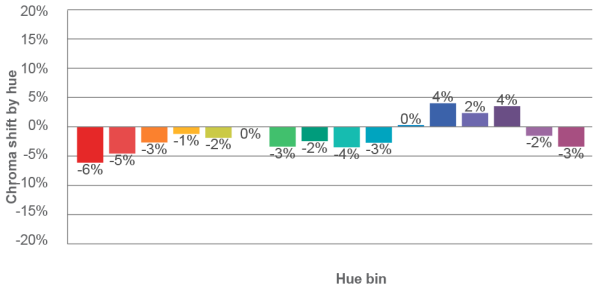
Spectra



CRI: 90.0 (R1-R8)

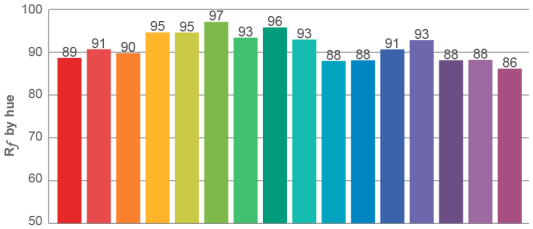


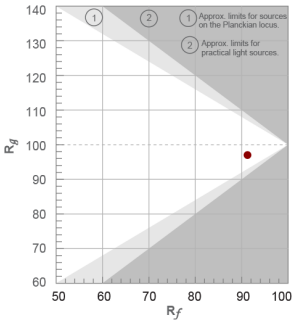
Color distortion



TM30: 91.2

TM-30Color





© 2026 Specialty Lighting Industries

NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.

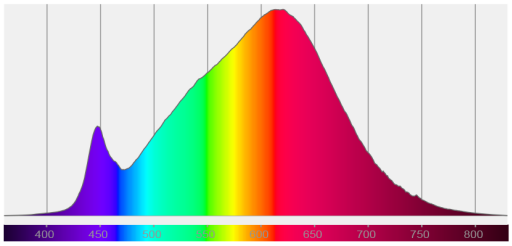
Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

SO6 & SO11

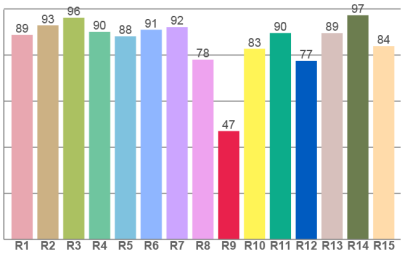
SO11 - 30°

89 CRI | 47 R9 | 91 RF | 98 RG

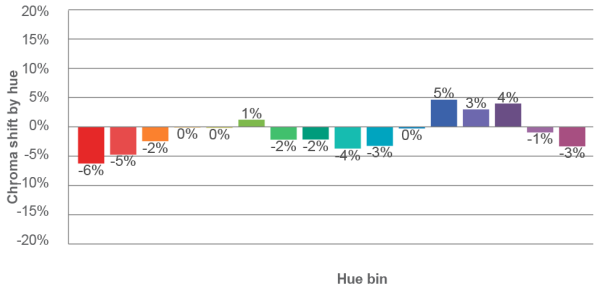
Spectra



CRI: 89.6 (R1-R8)

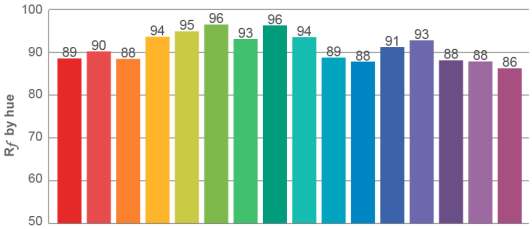


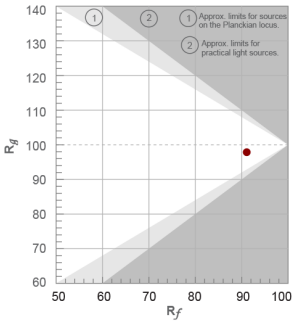
Color distortion



TM30: 91.1

TM-30Color

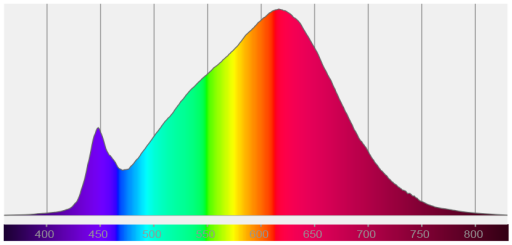




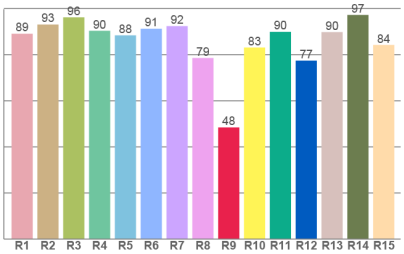
SO11 - 45°

90 CRI | 48 R9 | 91 RF | 97 RG

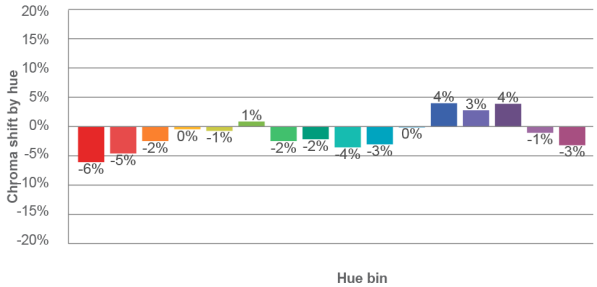
Spectra



CRI: 89.9 (R1-R8)

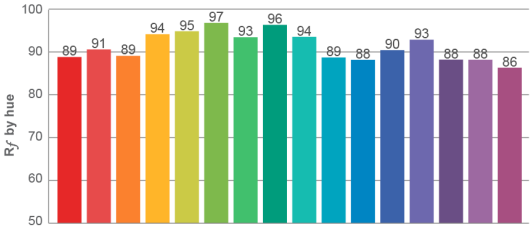


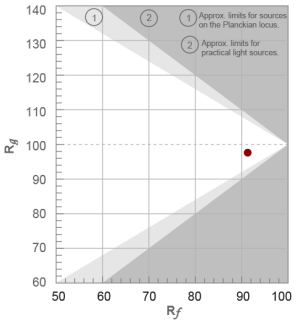
Color distortion



TM30: 91.3

TM-30Color





© 2026 Specialty Lighting Industries

NOTE: Last Updated on Wed, Oct 21, 2026 4:43 PM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971