

Nyto Semi-Recessed Adjustable 1.6 1x DE

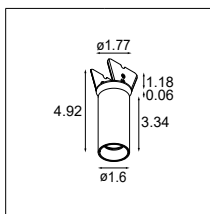
Overview



Very subtle, Nyto allows you to add a personal touch to the space or match an existing shade in the interior. With plenty of lighting, colour and application options, Nyto is ideal for many places and spaces.

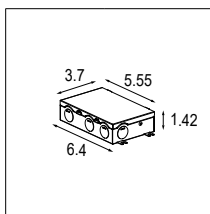
How to Specify (example)

1. Select Luminaire / Body → Page 2



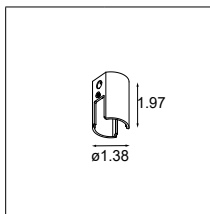
Example: **NYTO-SR-A-1.6-1X-30M-DP-DE-WHS**
Nyto Adjustable 1.6 1x, 3000K, medium, damp rated, driver external, white structure

2. Select Remote Driver → Page 3 - 4



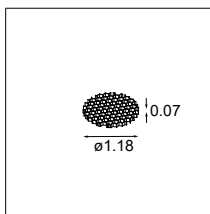
Example: **RD-DP-D01-250-700-20**
Remote Driver, damp rated, DALI-2, 250mA - 700mA, 20W

3. Select Mounting Accessory (required) → Page 5



Example: **CB-MINUDE-NYTO-SR**
Connection Box

4. Select Optical Accessory (optional) → Page 6



Example: **O-HC-1.1-BL**
Honeycomb, black

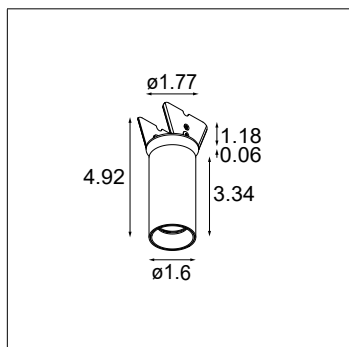
Example order:

Quantity	Item
1	NYTO-SR-A-1.6-1X-30M-DP-DE-WHS
1	RD-DP-D01-250-700-20
1	CB-MINUDE-NYTO-SR
1	O-HC-1.1-BL

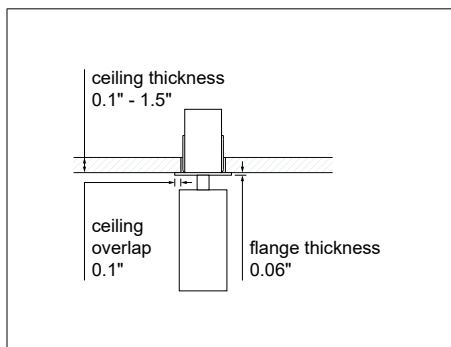
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Luminaire Specifications

- Aperture: 1.1"
- Adjustability: 360° x 90°
- Body material: aluminum
- Body finish: powder coat
- Inner glare control ring: always matte black
- Can be installed on a ceiling or wall
- Driver: not included in the body
- Must be combined with remote driver (specify on page 3 - 4)
- Must be combined with mounting accessory (specify on page 5)
- Can optionally be combined with optical accessory (specify on page 6)



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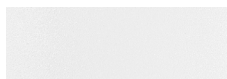


Flange Information

Finish Information



Black Structure (BLS)
Powder Coat (Matte)



White Structure (WHS)
Powder Coat (Matte)

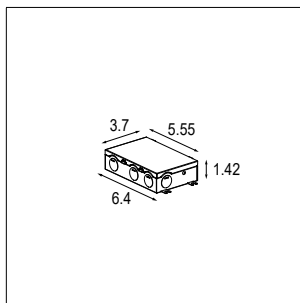
Ordering Information

NYTO-SR-A-1.6-1X						DP		DE			
NYTO-SR-A-1.6-1X	Nyto Adjustable 1.6 1x	27	2700K	S	Spot (13°)	DP	Damp Location (indoor use only)			BLS	Black Structure
		30	3000K	M	Medium (31°)					WHS	White Structure
		35	3500K	F	Flood (45°)						
		WD	Warm Dim 3000K - 1800K	WF	Wide Flood (57°)						
		WD versions									
		F	Flood (48°)								

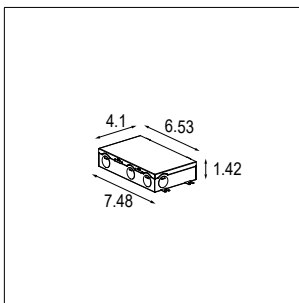
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Remote Driver Specifications

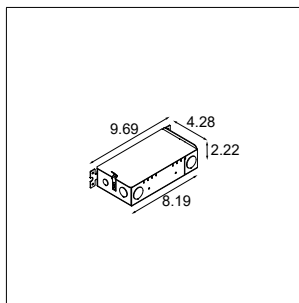
- Material: sheet metal (galvanized steel)
- Class 2 constant current power supply
- Multiple luminaires can be connected in series to a single driver
- Remote Driver "A" and "B" can be bottom mounted
- Remote Driver "C" can be bottom, side or t-bar mounted
- Several knockout holes for line voltage conduit or cable connection
- Several knockout holes for low-voltage conduit or cable connection
- May be placed up to 50ft away using 16AWG wire
- Suitable for damp locations



Remote Driver "A"



Remote Driver "B"



Remote Driver "C"

Remote Driver Specifications & Ordering Information (table continues on the next page)

Ordering Code	Version	Input	Output	Dim ⁽²⁾	Driver Location					Luminaires ⁽³⁾		
					Recessed IC	Recessed Non-IC	Surface	Cabinet	Under Cabinet	Fixed CCT (Spot)	Fixed CCT (Medium / Flood / Wide Flood)	Warm Dim (Flood)
RD-DP-D01-250-700-20	Remote Driver "A"	100-277VAC	250mA ⁽¹⁾	DALI-2 - 0.1%	consult factory							1
			350mA ⁽¹⁾							1 - 3	1 - 2	
			500mA ⁽¹⁾							1 - 3	1 - 2	
RD-DP-D01-300-1400-40	Remote Driver "B"	100-277VAC	350mA ⁽¹⁾	DALI-2 - 0.1%	consult factory					1 - 4	1 - 2	
			500mA ⁽¹⁾							1 - 3	1 - 2	
RD-DP-010P-250-700-20	Remote Driver "A"	100-277VAC	250mA ⁽¹⁾	0-10V, ELV & Triac - 1%	consult factory							1
			350mA ⁽¹⁾							1 - 3	1 - 2	
			500mA ⁽¹⁾							1 - 3	1 - 2	
RD-DP-010P-300-1400-40	Remote Driver "B"	100-277VAC	350mA ⁽¹⁾	0-10V, ELV & Triac - 1%	consult factory					1 - 4	1 - 2	
			500mA ⁽¹⁾							1 - 3	1 - 2	

⁽¹⁾ Driver with adjustable output current, output current must be set using DIP switches

⁽²⁾ Consult the factory for dimmer compatibility

⁽³⁾ Minimum & maximum amount of compatible luminaires, multiple luminaires must be connected in series to a single driver

⁽⁴⁾ Dimming via ELV & Triac only compatible at 120VAC input

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Remote Driver Specifications & Ordering Information (continued)

Ordering Code	Version	Input	Output	Dim ⁽²⁾	Driver Location					Luminaires ⁽³⁾		
					Recessed IC	Recessed Non-IC	Surface	Cabinet	Under Cabinet	Fixed CCT (Spot)	Fixed CCT (Medium / Flood / Wide Flood)	Warm Dim (Flood)
IC-RD-DP-D-ELDO-1-250-10	Remote Driver "C"	120-277VAC	250mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ			1
IC-RD-DP-0101-EL-250-10	Remote Driver "C"	120-277VAC	250mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ			1
NON-IC-RD-DP-010P-250-10	Remote Driver "C"	120-277VAC ⁽⁴⁾	250mA	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ			1
IC-RD-DP-D-ELDO-1-350-10	Remote Driver "C"	120-277VAC	350mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 2	1	
IC-RD-DP-D-ELDO-1-350-20	Remote Driver "C"	120-277VAC	350mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 4	1 - 2	
IC-RD-DP-D-ELDO-1-350-30	Remote Driver "C"	120-277VAC	350mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 4	1 - 2	
IC-RD-DP-0101-EL-350-10	Remote Driver "C"	120-277VAC	350mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 2	1	
IC-RD-DP-0101-EL-350-20	Remote Driver "C"	120-277VAC	350mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 4	1 - 2	
IC-RD-DP-0101-EL-350-30	Remote Driver "C"	120-277VAC	350mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 4	1 - 2	
NON-IC-RD-DP-010P-350-8	Remote Driver "C"	120-277VAC ⁽⁴⁾	350mA	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ		1	
NON-IC-RD-DP-010P-350-11	Remote Driver "C"	120-277VAC ⁽⁴⁾	350mA	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	2		
NON-IC-RD-DP-010P-350-14	Remote Driver "C"	120-277VAC ⁽⁴⁾	350mA	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	3	2	
IC-RD-DP-D-ELDO-1-500-10	Remote Driver "C"	120-277VAC	500mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1	1	
IC-RD-DP-D-ELDO-1-500-20	Remote Driver "C"	120-277VAC	500mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 3	1 - 2	
IC-RD-DP-D-ELDO-1-500-30	Remote Driver "C"	120-277VAC	500mA	DALI-2 - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 4	1 - 2	
IC-RD-DP-0101-EL-500-10	Remote Driver "C"	120-277VAC	500mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1	1	
IC-RD-DP-0101-EL-500-20	Remote Driver "C"	120-277VAC	500mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 3	1 - 2	
IC-RD-DP-0101-EL-500-30	Remote Driver "C"	120-277VAC	500mA	0-10V - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	1 - 4	1 - 2	
IC-RD-DP-TE1-500-12	Remote Driver "C"	120VAC	500mA	ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ		1	
IC-RD-DP-TE1-500-20	Remote Driver "C"	120VAC	500mA	ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	3	2	
NON-IC-RD-DP-010P-500-16	Remote Driver "C"	120-277VAC ⁽⁴⁾	500mA	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	2		
NON-IC-RD-DP-010P-500-21	Remote Driver "C"	120-277VAC ⁽⁴⁾	500mA	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	Ⓜ	Ⓜ	Ⓜ	3	2	

⁽¹⁾ Driver with adjustable output current, output current must be set using DIP switches

⁽²⁾ Consult the factory for dimmer compatibility

⁽³⁾ Minimum & maximum amount of compatible luminaires, multiple luminaires must be connected in series to a single driver

⁽⁴⁾ Dimming via ELV & Triac only compatible at 120VAC input

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Mounting Accessories Specifications

Backplate

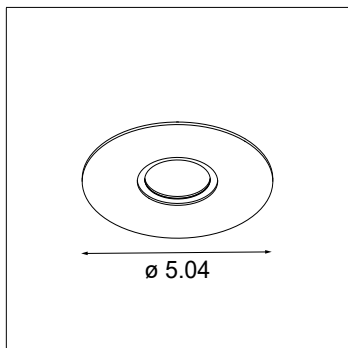
- For installation with a 4"x4" octagonal junction box
- Backplate covers the junction box
- Material: stainless steel
- Finish: powder coat
- Thickness: 0.08"
- Weight: 0.7lbs

Plaster Plate

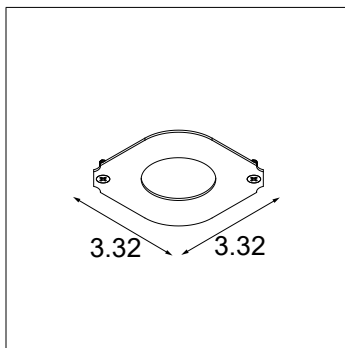
- For installation with a 4"x4" octagonal junction box
- Plaster finish
- Material: stainless steel
- Thickness: 0.06"
- Weight: 0.2lbs

Connection Box

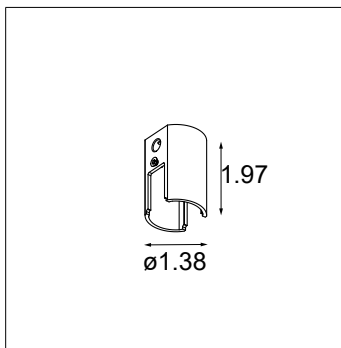
- For installation without junction box
- Ceiling cutout: Ø1 9/16"
- Connection Box material: aluminum
- Weight: 0.1lbs



Backplate



Plasterplate

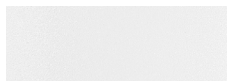


Connection Box

Finish Information



Black Structure (BLS)
Powder Coat (Matte)



White Structure (WHS)
Powder Coat (Matte)

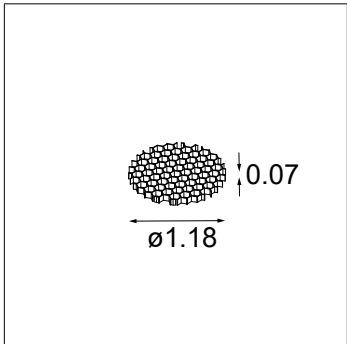
Ordering Information

Ordering Code	Version	Finish
BP-C-44-MINUDE-NYTO-SR-BLS	Backplate for 4"x4" octagonal junction box	Black Structure
BP-C-44-MINUDE-NYTO-SR-WHS	Backplate for 4"x4" octagonal junction box	White Structure
PP-44-MINUDE-NYTO-SR	Plasterplate for 4"x4" octagonal junction box	n/a
CB-MINUDE-NYTO-SR	Connection Box	n/a

Nyto Semi-Recessed Adjustable 1.6 lx DE

Optical Accessories Specifications

- Honeycomb is optional
- Honeycomb can be installed / changed in the field
- Material: aluminum
- Finish: black
- Consult website for photometric performance



Honeycomb Ø1.1"



Honeycomb Ø1.1"

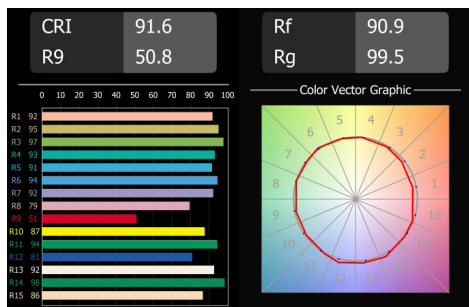
Remodel Accessories Ordering Information

Ordering Code	Version	Finish
O-HC-1.1-BL	Honeycomb Ø1.1"	Black

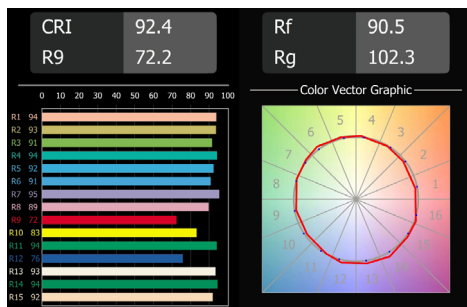
Nyto Semi-Recessed Adjustable 1.6 1x DE

Performance Specifications (per luminaire)

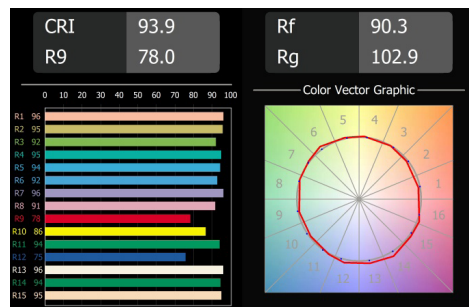
Luminaire	Fixed CCT	Fixed CCT	Warm Dim
	Spot	Medium / Flood / Wide Flood	Flood
Weight	0.4lbs	0.4lbs	0.4lbs
Adjustability	360° x 90°	360° x 90°	360° x 90°
Cut-Out Size	Ø1 9/16"	Ø1 9/16"	Ø1 9/16"
Location	damp (indoor use only)	damp (indoor use only)	damp (indoor use only)
IP Rating	IP20	IP20	IP20
CRI*	91, R9: 50	92, R9: 72	93, R9: 78
Lifetime	L80 B20 @ 50,000 hrs	L80 B10 @ 50,000 hrs	L90 B10 @ 50,000 hrs
UGR & Photometric Files	see website	see website	see website



Fixed CCT (Spot)*



Fixed CCT (Medium / Flood / Wide Flood)*



Warm Dim (Flood)*

Electrical (typical)	Fixed CCT		Fixed CCT		Warm Dim
	Spot		Medium / Flood / Wide Flood		Flood
Drive Current (mA DC)	350	500	350	500	250
Forward Voltage (V)	11.7	12.2	17.1	17.6	33.0
LED Power (W)**	4.1	6.1	6.0	8.8	8.3

* CRI & TM-30 Value for 3000K

** Power figures exclude remote driver

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Output Specifications (per head)

Reference Delivered Lumens	CCT	Optics	Drive Current	Finish
Fixed CCT (Spot)				
349 (ref. 3000K, S, 500mA WHS)	2700K (1.01) 3000K (1.00) 3500K (1.13)	S (1.00)	350mA (0.75) 500mA (1.00)	BLS (1.00) WHS (1.00)
Fixed CCT (Medium / Flood / Wide Flood)				
795 (ref. 3000K, M, 500mA WHS)	2700K (0.98) 3000K (1.00) 3500K (1.08)	M (1.00) F (1.00) WF (0.95)	350mA (0.74) 500mA (1.00)	BLS (1.00) WHS (1.00)
Warm Dim (Flood)				
510 (ref. 3000K-1800K, F, 250mA, WHS)	3000K - 1800K (1.00)	F (1.00)	250mA (1.00)	BLS (1.00) WHS (1.00)

Multipliers are indicated between brackets: ()

Example calculation, to determine typical output for 2700K, Wide Flood, 350mA, Black Structure: $795 \times (0.98) \times (0.95) \times (0.74) \times (1.00) = 547$ lumens

Listings and Certifications

- Listed: cULus
- Damp locations (indoor use only)



Warranty

- Visit <https://www.supermodular.com/en-us/warranty>